





**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

6.3.2

Average percentage of teachers provided with financial support to attend conferences/workshops/publications and towards membership fee of professional bodies during the last five years

D.P. Vipra College

Old High Court Road, Bilaspur
Chhattisgarh, India 495001



OFFICE OF THE PRINCIPAL
D. P. VIPRA COLLEGE, BILASPUR (C.G.)

Accredited "A" by NAAC, ISO-9001:2015 Certified
 Phone No.- 07752-424497, Web. – www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Summary-Sheet

Criteria	6 – Governance, Leadership and Management					
Metric	6.3.2: Average percentage of teachers provided with financial support to attend conferences/workshops/publication and towards membership fee of professional bodies during the last five years					
DVV Clarifications	<p>"Please provide 1. tabulated list of teachers provided with financial support to attend conferences/ workshops showing serial no., name of teacher without repetition of same teacher more than once, department, name of the program, conducted by whom, place, workshop or seminar or conference (specify), duration, from-to date, subject/theme, amount paid, mode of payment, signature of teacher, for each year, for all the 5 assessment years, attested by Principal. 2. a/c credited or cheque issued with screen shot showing the name of teacher 3. ledger copy of the expenditure head and the abstract of the Inc & Exp statement highlighting the appropriate head for all the 5 years separately attested by Principal. 4.. policy document on providing financial support to teachers for all the 5 assessment years, attested by Principal. 5. Highlighted section of the College budget showing provision of funds for financial assistance to teachers attending conferences/membership fee 6. letter/s indicating financial assistance to teachers and list of teachers receiving financial support for each year under each head, attested by Principal</p>					
Average percentage of teachers provided with financial support to attend conferences/workshops/publication and towards membership fee of professional bodies during the last five years	Year	2016-17	2017-18	2018-19	2019-20	2020-21
	No. of teachers provided with financial support to attend conferences /workshops/ publication and towards membership fee of professional bodies year wise	16	39	40	50	42

Note:

Since all supporting documents for this metric exceeds the upload limit of 5Mb, hence we have hosted the scanned documents as per SOP on institutional website on the following links.

Description	Relevant link
1) Tabulated list of teachers provided with financial support to attend conferences/ workshops showing serial no., name of teacher without repetition of same teacher more than once, department, name of the program, conducted by whom, place, workshop or seminar or conference for each year, for all the 5 assessment years, attested by Principal. (Appendix-I)	https://dpvipracollege.in/wp-content/uploads/2022/06/dvv_6.3.2.pdf
2) Policy document from institution for providing financial support to teachers is attached. (Appendix-II)	



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3) e-copies of letters indicating financial assistance/ cheque/vouchers along with budgeted vs actual financial support / the abstract of the Inc & Exp statement highlighting the appropriate head for all the 5 years separately attested by Principal as per the list are attached.

(Appendix-III)


4) List of teachers receiving financial support for each year under each head & letter/s indicating financial assistance to teachers/sanction letters and authenticated by principal attached.

(Appendix-IV)


IQAC Co-ordinator

D.P. Vipra College
BILASPUR (C.G.)

IQAC Coordinator



PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)
Principal





**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

Appendix I

D.P. Vipra College

Old High Court Road, Bilaspur
Chhattisgarh, India 495001





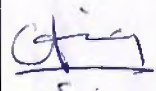


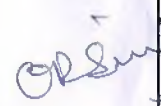
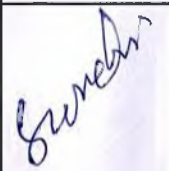
OFFICE OF THE PRINCIPAL

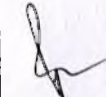
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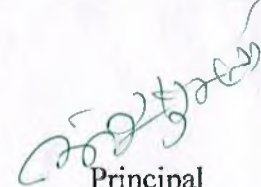
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2016-17

S.No.	Name of Teacher	Name of Programme	Conducted by/	Place	Workshop/Seminar/Conference/ publication & books	Duration	From to date	Subjet / Theme	Amount Paid	Mode of Payment	Signature of Teacher
1	Prof. Volga Vyas	" Novel Approches in Cell Science and Stem Cell Research	Bilaspur university Bilaspur (C.G.)	Bilaspur	National Conference	2 Day	26, 27 Nov. 2016	" Novel Approches in Cell Science and Stem Cell Research	500.00	Cash	
2	Prof. Neha Meghani	" Recent Advances in Biotechnology And Biofuels"	Bilaspur university Bilaspur (C.G.)	Bilaspur	National Conference	2 Day	12, 13 Sep. 2016	" Recent Advances in Biotechnology And Biofuels"	500.00	Cash	
3	Dr. Sunita Yadav	"Various Aspect of Physical Education Yogic & Allied	Mahatma Gandhi Kashi Vidyapit, Varanashi (U.P.)	Varanashi (U.P.)	Inter National Seminar	2 Day	27, 28 Sep.2016	"Various Aspect of Physical Education Yogic & Allied	700.00	Cash	
4	Dr. Manish Kumar Tiwari	" To Evaluate the Meaning of Water in Sub_Rural Partss at Bilaspur Dpecial Reference to Nitrate"	D.L.S. P.G. College Bilaspur	Bilaspur	National Seminar	1 Day	24 Dec. 2016	" To Evaluate the Meaning of Water in Sub_Rural Partss at Bilaspur Dpecial Reference to Nitrate"	500.00	Cash	
5	Dr. Sanjay Tiwari	" Rule of ICT in Higher Education"	Madanlal Shukla college Seepat (Bilaspur)	Bilaspur	National Seminar	1 Day	14 Feb. 2017	" Rule of ICT in Higher Education"	500.00	Cash	
6	Dr. Sadhana Shome	" Preparation For Assesment and accreditation "	Bilaspur university Bilaspur (C.G.)	Bilaspur	Workshop	2 Day	27, 28 Feb 2017	" Preparation For Assesment and accreditation "	500.00	Cash	
7	Dr. Ashish Sharma	" The Role on ICT in Higher Education"	Madanlal Shukla college Seepat (Bilaspur)	Bilaspur	Workshop	1 Day	14 Feb. 2017	" Rule of ICT in Higher Education"	500.00	Cash	
8	Dr. A. Shriram	" Preparation For Assesment and accreditation "	Bilaspur university Bilaspur (C.G.)	Bilaspur	Workshop	2 Day	27, 28 Feb 2017	" Preparation For Assesment and accreditation "	500.00	Cash	

9	Dr. R.N. Yadav	" Bilaspur Sambhag me Chhattisgarh Ka Star	Govt. J.Y. Yoganandam Chhattisgarh College Raipur (C.G.)	Raipur	National Seminar	2 Day	15, 16 Feb. 2017	" Bilaspur Sambhag me Chhattisgarh Ka Star	500.00	Cash	
10	Prof. Kiran Dubey	" Human Rights Indian Constitution"	D.P. Vipra College Bilaspur	Bilaspur	National Workshop	1 Day	21 Janu. 2017	" Human Rights Indian Constitution"	500.00	Cash	
11	Dr. Abha Tiwari	"Polithene Ke Prayog Se Utpann Samasya Va Samadhan"	Rajiv Gandhi Govt. Arts & Commerce College, Lormi, Mungeli (C.G.)	Mungeli	National Seminar	1 Day	13 Janu. 2017	"Polithene Ke Prayog Se Utpann Samasya Va Samadhan"	500.00	Cash	
12	Dr. M.S. Tamboli	"Polithene Ke Prayog Se Utpann Samasya Va Samadhan"	Rajiv Gandhi Govt. Arts & Commerce College, Lormi, Mungeli (C.G.)	Mungeli	National Seminar	1 Day	13 Janu. 2017	"Polithene Ke Prayog Se Utpann Samasya Va Samadhan"	500.00	Cash	
13	Dr. Anju Shukla	"Aarthik Mahakranti ka Aadhar Vimudrikarn samaj"	Research Journals of Arts , Management & Social Science ISSN NO.-975-4083	Bilaspur	publication	-	Apr-17	"Aarthik Mahakranti ka Aadhar Vimudrikarn samaj"	500.00	Cash	
14	Dr. Oorja Ranjan Sinha	Need for Reappraisar of Tess and Jude	Research Journals kal, samaj vigyan aum vaniya Link, ISSN No.-0973-1628	Bilaspur	publication	-	aug. 2016	Need for Reappraisar of Tess and Jude	500.00	Cash	
15	Dr. Suruchi Mishra	Abhinavgupt Aur Kashmir Ki Shaiv Parampara,Bhasha	Kendriya Hindi Nirdeshalaya Uchhatar Vibhag, Bharat Sarkar	New Delhi	Books	-	sep. - oct- 2016	Abhinavgupt Aur Kashmir Ki Shaiv Parampara,Bhasha	500.00	Cash	

16	Dr. Renu Nayar	Analytical Studies of Underground Drinking Water of Industrial Part of Sirgitti in Bilaspur (C.G.),	Journal of Chemical, Biological and Physical Sciences, E- ISSN: 2249 -1929	C.G.	publication	—	aug-oct. 2016	Analytical Studies of Underground Drinking Water of Industrial Part of Sirgitti in Bilaspur (C.G.),	500.00	Cash	
Total Amount									8200.00		


 Principal
 D.P. Vipra College
 Bilaspur (C.G.)
 D.P. Vipra College
 Bilaspur (C.G.)




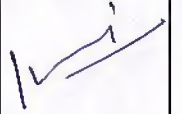
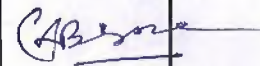

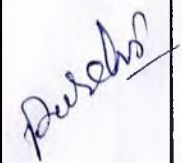


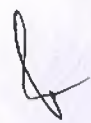

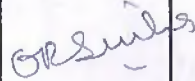



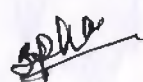
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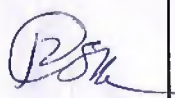
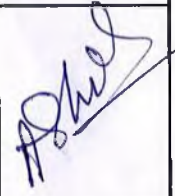
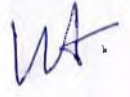
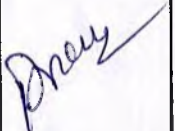

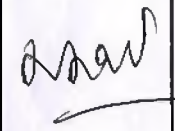
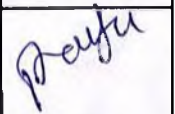
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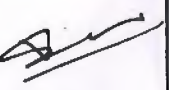
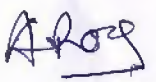



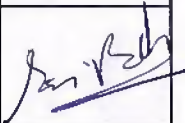


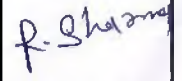
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2017-18											
S.No.	Name of Teacher	Name of Programme	Conducted by	Place	Workshop/Seminar/Conference	Duration	From to date	Subjet / Theme	Amount Paid	Mode of Payment	Signature of Teacher
1	Dr. Anju Shukla	"Bhartiya Sanskriti"	Pt. Sundarlal Sharma University, Bilaspur (C.G.)	Bilaspur	National Seminar	3 Day	18-20 Nov. 2017	"Bhartiya Sanskriti"	500.00	Cash	
2	Dr. Sanjay Tiwari	"Examination Reform: Digitization and Online Evaluation"	Bilaspur University, Bilaspur (C.G.)	Bilaspur	State Level Workshop	1 Day	26 Oct. 2017	"Examination Reform: Digitization and Online Evaluation"	300.00	Cash	
3	Dr. Subhraj Pandey	"Current Development of Environmental Science in Chhattisgarh State"	C.G. Environmental Conservation Board Raipur & Bhilai Education Trust, Bhilai	Bhilai	National Seminar	2 Day	30 Nov to 1 Dec. 2017	"Current Development of Environmental Science in Chhattisgarh State"	500.00	Cash	
4	Prof. Neha Meghani	"Medical Lab Technology:Recent Advance in Lab Diagnostics"	Bilaspur University, Bilaspur (C.G.)	Bilaspur	National Workshop	7 Day	7 -13 Nov.2017	"Medical Lab Technology:Recent Advance in Lab Diagnostics"	500.00	Cash	
5	Dr. Sunita Yadav	"Shaswat Bharat"	Pt. Sundarlal Sharma University, Bilaspur (C.G.)	Bilaspur	National Seminar	3 Day	18-20 Nov. 2017	"Shaswat Bharat"	500.00	Cash	
6	Dr. Richa Handa	"Digitization and Online Evaluation"	Bilaspur University, Bilaspur (C.G.)	Bilaspur	State Level Workshop	1 Day	26 Oct. 2017	"Digitization and Online Evaluation"	300.00	Cash	

7	Dr. M.S. Tamboli	"GST Arthvyawashta ko Naya Roop"	Anna Centre for Public Affairs University of Madras (Tamilnadu)	Madras	Conference	3 Day	15-17 Dec. 2017	"GST Arthvyawashta ko Naya Roop"	500.00	Cash	
8	Dr. R.N. Yadav	"Chhattisgarh ke Nagariya Vikas Me Pradeshik Ashamanata"	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Bilaspur	National Confernce	2 Day	23,23 Janu. 218	"Chhattisgarh ke Nagariya Vikas Me Pradeshik Ashamanata"	500.00	Cash	
9	Prof. Abha Tiwari	"Shramik Palayan Ke Samajik Avam Aarthik Prabhav"	Govt. Pataleshwar College, Masturi, Bilaspur (C.G.)	Masturi	National Confernce	1 Day	2 Feb. 2018	"Shramik Palayan Ke Samajik Avam Aarthik Prabhav"	500.00	Cash	
10	Prof. Kiran Dubey	"GST Arthvyawashta ko Naya Roop"	Anna Centre for Public Affairs University of Madras (Tamilnadu)	Madras	Conference	3 Day	15-17 Dec. 2017	"GST Arthvyawashta ko Naya Roop"	500.00	Cash	
11	Dr. K. B. Singh	Bazar aur Rajkiy Hastchhepi Avashyakta,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Bazar aur Rajkiy Hastchhepi Avashyakta,	500.00	Cash	
12	Dr. Suruchi Mishra	Canada ka Pravasi Sahitya Aur Sneh Thakur,	Bhasha, ISSN No.-0523-1418	Kendriy hindi nideshaly bharat sarkar	Publication		Jan.- Feb. 2018	Canada ka Pravasi Sahitya Aur Sneh Thakur,	500.00	Cash	
13	Prof. Prachi Tiwari	Phytochemical Analysis of Different Parts of Achyranthes Aspera,	Journal of Pharmacognosy and Phytochemistry, ISSN NO.-2449-8234	Gwalior	Conference		23, 23 Feb. 2018	Phytochemical Analysis of Different Parts of Achyranthes Aspera,	500.00	Cash	

14	Dr. Renu Nayar	Synthesis and Luminescence Characterization of LaBO3:Dy3+Phosphor for Stress Sensing Application	Journal of Fluorescence, ISSN 1053-0509	Bilaspur	Publication		04 Nov. 2016	Synthesis and Luminescence Characterization of LaBO3:Dy3+Phosphor for Stress Sensing Application	500.00	Cash	
15	Dr. Ashutosh Pandey	Fuzzy-Word Based Cryptosystem, International journal of Scientific	Research in Computer Science, engineering and Information, ISSN NO.-2456-3307	Raipur	Publication		03 Aug. 2017	Fuzzy-Word Based Cryptosystem, International journal of Scientific	700.00	Cash	
16	Dr. Oorja Ranjan Sinha	Folk Element in Habib Tanvir's '	Agra Bazar', Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Folk Element in Habib Tanvir's '	500.00	Cash	
17	Dr. Vimal Patel	Bilaspur Sambhag me Van,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Bilaspur Sambhag me Van,	500.00	Cash	
18	Dr. Sadhana Shom	Aarthik ewam Vyavasaik Gatishilta (Gond Janjatiyon ke	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Aarthik ewam Vyavasaik Gatishilta (Gond Janjatiyon ke	500.00	Cash	
19	Dr. Sushma Sharma	Parra Bhar Lai: Ek Samikshatmak Vivechan,	Research Digest, ISBN 0973-6387	Bilaspur	Publication		April, Jun 2018	Parra Bhar Lai: Ek Samikshatmak Vivechan,	500.00	Cash	
20	Dr. Shikha Pahare	Isolation of Keratinophilic Fungi from Soil Samples of Form-Yards and Cattle house in Bilaspur,	Chhattisgarh, Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Isolation of Keratinophilic Fungi from Soil Samples of Form-Yards and Cattle house in Bilaspur,	500.00	Cash	

21	Dr. M. L. Jaiswal	Physico-chemical Charecteristics of Bandihawa Pond Water of Kota	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Physico-chemical Charecteristics of Bandihawa Pond Water of Kota	500.00	Cash	
22	Prof. Rupendra Sharma	Bhartiy Prajatantrik Vyavastha me Mahilaon ki Bhumika,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Bhartiy Prajatantrik Vyavastha me Mahilaon ki Bhumika,	500.00	Cash	
23	Dr. Ashish Sharma	Poetic Techniques in Nissim ezeziel Poetry,	EDU WORLD: Journal, ISSN No.- 2319-7129	Bilaspur	Publication		April, 2018	Poetic Techniques in Nissim ezeziel Poetry,	700.00	Cash	
24	Dr. Vivek Ambalkar	Study on the Lyoluminescence of Barium doped NaCl Sample	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Study on the Lyoluminescence of Barium doped NaCl Sample	500.00	Cash	
25	Prof. Pradeep Jaiswal	Removal of Heavy Metal Ions in Village Amora in Janjgir- Champa (C.G.),	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Removal of Heavy Metal Ions in Village Amora in Janjgir- Champa (C.G.),	500.00	Cash	
26	Dr. Khagendra Soni	Vanopaj Sangrah me Anusuchit Jati तथा Janjati ka Yogdan	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Vanopaj Sangrah me Anusuchit Jati तथा Janjati ka Yogdan	500.00	Cash	
27	Dr. K.K. Sharma	C.G. Rajya ki Antarrashtriya Laghu Vanopajon ke Vyapar ka Ek Adhyayan	Naveen Shodh Sar, 2320-8767	Bilaspur	Publication		Jan-March 2018	C.G. Rajya ki Antarrashtriya Laghu Vanopajon ke Vyapar ka Ek Adhyayan	500.00	Cash	
28	Prof. Pooja Dubey	DNA Computing and its Applications: Survey,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	DNA Computing and its Applications: Survey,	500.00	Cash	

29	Prof. Vishwas Victor	Comparative Analysis of Fahp and Ftopsis Method for Evaluation of ifferent Domains, Research Digest	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Comparative Analysis of Fahp and Ftopsis Method for Evaluation of ifferent Domains, Research Digest	500.00	Cash	
30	Prof. Asha Roy	Krishi Vikas Ewam Gramin Vikas, Swadeshi	Research Foundation	C.G.	Publication		Feb. 2019	Krishi Vikas Ewam Gramin Vikas, Swadeshi	500.00	Cash	
31	Prof. Anju Halwai	English Language: Its Purpose and Learning Process	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	English Language: Its Purpose and Learning Process	500.00	Cash	
32	Prpf. Toshima Mishra	Obesity in My Children	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Obesity in My Children	500.00	Cash	
33	Prof. Shriti Somvanshi	Impact of Tmperature in the Changes in Weight of Ovaries of the Female Fish Gambusia Affinis	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Impact of Tmperature in the Changes in Weight of Ovaries of the Female Fish Gambusia Affinis	500.00	Cash	
34	Dr. Smriti Rani Prakash	Bhartiya Nari ki Dasha: Ek Etihasik Anushilan	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Bhartiya Nari ki Dasha: Ek Etihasik Anushilan	500.00	Cash	
35	Prof. Rajni Kujur	Nari Utpidan: Nivaran, Upay ewam Samajshastriya Adhyayan	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Nari Utpidan: Nivaran, Upay ewam Samajshastriya Adhyayan	500.00	Cash	
36	Prof. A. Shri Ram	Relevance of Gandhian Economic Concepts in Global Context	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Relevance of Gandhian Economic Concepts in Global Context	500.00	Cash	
37	Dr. Rashmi Sharma	Chhattisgarh ki Bhagolik Sthiti,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Chhattisgarh ki Bhagolik Sthiti,	500.00	Cash	

38	Prof. Archana Singh Thakur	Kinner Vimarsh: Samaj ke Parityakt varg ki vyatha	Research Digest, ISSN 0973-6387	Bilaspur	Publication		April, Jun 2018	Kinner Vimarsh: Samaj ke Parityakt varg ki vyatha	500.00	Cash	A. Singh
39	Dr. Manish Tiwari	"Advancements & Globalization of Sciences for Man, Material & Environment"	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Bilaspur	Conference		9, 10 March 2018	"Advancements & Globalization of Sciences for Man, Material & Environment"	500.00	Cash	He
Total Amount									19500.00		

Principal
D.P. Vipra College
Bilaspur (C.G.)
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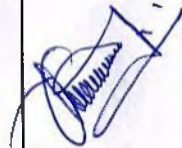
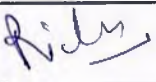
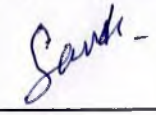
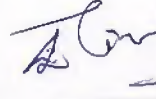

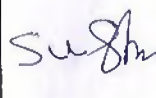



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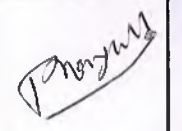

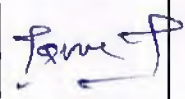



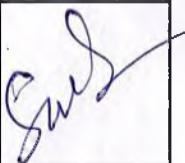
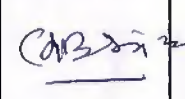
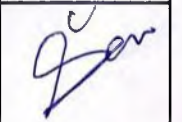
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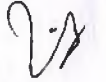

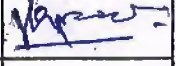
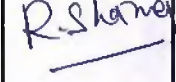
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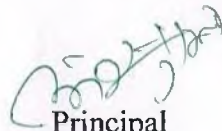
2018-19											
S.No.	Name of Teacher	Name of Programme	Conducted by	Place	Workshop/Seminar/Conference	Duration	From to date	Subjet / Theme	Amount Paid	Mode of Payment	Signature of Teacher
1	Dr. Anju Shukla	"Chhattisgarh Ki Krishi Vyawastha Ka Samajshastriy Adhyayan"	G.S. College, Jabalpur (M.P.)	Jabalpur	Internnational Conference	1 Day	10 Feb. 2019	"Chhattisgarh Ki Krishi Vyawastha Ka Samajshastriy Adhyayan"	700.00	Cash	
2	Dr. Sunita Yadav	"Bharat me Rahjneeti Ka Aparadhikaran: Swaroop Awam Nidan"	K.G. college, Raigarh (C.G.)	Raigarh	National Seminar	1 Day	26 Feb. 2019	"Bharat me Rahjneeti Ka Aparadhikaran: Swaroop Awam Nidan"	500.00	Cash	
3	Prof. Vishwas Victor	"Advance In Computer Science And Information Technology"	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Kota Bilaspur	National Confernce	2 Day	22, 23 Feb. 2019	"Advance In Computer Science And Information Technology"	500.00	Cash	
4	Dr. Manish Tiwari	"Multifunctional Advanced Materials"	KN College, Nagpur (Maharashtra)	Nagpur	Internnational Conference	3 Day	5-7 Oct. 2018	"Multifunctional Advanced Materials"	700.00	Cash	
5	Dr. Suruchi Mishra	"Suchna Prodyogiki Me Hindi Ki Upadeyata"	Vikram University, Ujjain (M.P.)	Ujjain	National Confernce	2 Day	28, 29 March 2019	"Suchna Prodyogiki Me Hindi Ki Upadeyata"	500.00	Cash	
6	Dr. R.N. Yadav	"Smart City- Bilaspur Nagar ke Sandarbh me"	Govt. D.B. Girls P.G. Autonomous College, Raipur (C.G.)	Raipur	National Seminar	2 Day	4, 5 Janu. 2019	"Smart City- Bilaspur Nagar ke Sandarbh me"	500.00	Cash	

7	Prof. Abha Tiwari	"Bharat ki Videsh Niti Me Rajnay Ka Swarup"	Pandit Jawaharlal Nehru Mahavidyalaya, Aurangabad (M.S.), India	Aurangabad	National Seminar	1 Day	18 Feb. 2019	"Bharat ki Videsh Niti Me Rajnay Ka Swarup"	500.00	Cash	
8	Dr. M.S. Tamboli	(National Seminar) "Bhartiya Pradesh Niti Ka Vartman Swarup"	Pt. Jawaharlal Nehru, Mahavidyalaya, Aurangabad (M.S.), India	Aurangabad	National Seminar	1 Day	18 Feb. 2019	"Bharat ki Videsh Niti Me Rajnay Ka Swarup"	500.00	Cash	
9	Dr. Richa Handa	"MATLAB"	KN College, Korba (C.G.)	Korba	Seminar/Workshop	8 Day	23-30 Jun 2018	"MATLAB"	500.00	Cash	
10	Dr. Sadhana Shome	Bal Shram Ek Abhishap (vartaman Paripechh me),	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Bal Shram Ek Abhishap (vartaman Paripechh me),	500.00	Cash	
11	Dr. S. K. Tiwari	An Overview Of Asian English Literature,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	An Overview Of Asian English Literature,	500.00	Cash	
12	Dr. M. L. Jaiswal	Phytoplankton Population Of Bandhawa Pond Water Of Kota,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Phytoplankton Population Of Bandhawa Pond Water Of Kota,	500.00	Cash	
13	Dr. Sushma Sharma	Bharat me Cyber Apradh ewam Roktham hetu apnaye gaye Upay- Ek Samajshastriya Vishleshan,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Bharat me Cyber Apradh ewam Roktham hetu apnaye gaye Upay- Ek Samajshastriya Vishleshan,	500.00	Cash	
14	Dr. Renu Nayar	Environmental remediation by Iron Nanotechnology: Applications for Wastewater Treatment,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Environmental remediation by Iron Nanotechnology: Applications for Wastewater Treatment,	500.00	Cash	

15	Dr. Vivek Ambalkar	Study Of Deposition And Characterization Of Ga-n Co-doped Zno Thin Films	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Study Of Deposition And Characterization Of Ga-n Co-doped Zno Thin Films	500.00	Cash	WA
16	Dr. Oorja Ranjan Sinha	How to Alphabets determine spelling and Pronunciation,	I JAEMA, ISBN-0886-9367	E- Junral	Publication		Jun-21	How to Alphabets determine spelling and Pronunciation,	500.00	Cash	OR Sinha
17	Dr. Jayanta Roy	Changing Retail Business From Traditional To Modern Trade In India	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Changing Retail Business From Traditional To Modern Trade In India	500.00	Cash	JR
18	Dr. Shikha Pahare	Nutritional Requirement Of Some Keratinopjhilic Fungi,	Research Digest, ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Nutritional Requirement Of Some Keratinopjhilic Fungi,	500.00	Cash	SPH
19	Prof. A. Shri Ram	Innovations In Micro-finance,	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Innovations In Micro-finance,	500.00	Cash	SR
20	Prof. Toshima Mishra	Pineal Gland and its secretion, Research Digest	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Pineal Gland and its secretion, Research Digest	500.00	Cash	TM
21	Prof. Shriti Somvanshi	Effect of Mercuric Chloride on the Gonads (Ovary) in Gambusia affinis,	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Effect of Mercuric Chloride on the Gonads (Ovary) in Gambusia affinis,	500.00	Cash	SS
22	Prof. Snehlata Mishra	Differential Equations And It's Applications,	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Differential Equations And It's Applications,	500.00	Cash	SM
23	Prof. Ashutosh Pandey	Differential Equations And It's Applications	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Differential Equations And It's Applications	500.00	Cash	AP

24	Prof. Pradeep Jaiswal	Water Pollution And Treatment In Village In Sonsary In Janjgir Champa (c.g.)	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Water Pollution And Treatment In Village In Sonsary In Janjgir Champa (c.g.)	500.00	Cash	
25	Prof. Mayank Chandra	Water Pollution And Treatment In Village In Sonsary In Janjgir Champa (c.g.)	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Water Pollution And Treatment In Village In Sonsary In Janjgir Champa (c.g.)	500.00	Cash	
26	Prof. Anju Halwai	Films: Its Effect On Human Psyche	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Films: Its Effect On Human Psyche	500.00	Cash	
27	Dr. Taru Tiwari	I.C.T. in History	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	I.C.T. in History	500.00	Cash	
28	Prof. Jharna Patel	Indian Culture And Tradition	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Indian Culture And Tradition	500.00	Cash	
29	Dr. Ashish Sharma	Stage Adoptability of the plays of Jai Shankar Prasad	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Stage Adoptability of the plays of Jai Shankar Prasad	500.00	Cash	
30	Prof. Niraj Soni	A Study On Effect Of Bioactive Compounds On Human Health	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	A Study On Effect Of Bioactive Compounds On Human Health	500.00	Cash	
31	Dr. Subhraj Pandey	A Study On Effect Of Bioactive Compounds On Human Health	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	A Study On Effect Of Bioactive Compounds On Human Health	500.00	Cash	
32	Dr. K. B. Singh	Harbal me Utpadan kasamajik ewam Sanskritik Jeewan Star par Prabhav	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Harbal me Utpadan kasamajik ewam Sanskritik Jeewan Star par Prabhav	500.00	Cash	
33	Dr. Khagendra Soni	Vartaman Shiksha me Navachar,	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Vartaman Shiksha me Navachar,	500.00	Cash	

34	Prof. Kiran Dubey	Budget ka Mahatva- Desh ke Arthik Vikas ke Liye	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Budget ka Mahatva- Desh ke Arthik Vikas ke Liye	500.00	Cash	
35	Prof. Rupendra Sharma	Bahagwat Geet ka Rajnitik Darshan,Research Digest	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Bahagwat Geet ka Rajnitik Darshan,Research Digest	500.00	Cash	
36	Prof. Gendlal Banjare	Audyogikaran ka Samaj Par Prabhav- Janjgir Champa jile ke Vishesh Sandarbh me	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Audyogikaran ka Samaj Par Prabhav- Janjgir Champa jile ke Vishesh Sandarbh me	500.00	Cash	
37	Prof. Reena Tamrakar	Audyogikaran ka Samaj Par Prabhav- Janjgir Champa jile ke Vishesh Sandarbh me	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Audyogikaran ka Samaj Par Prabhav- Janjgir Champa jile ke Vishesh Sandarbh me	500.00	Cash	
38	Prof. Archana Singh Thakur	Mahila Shiksha Aur Vikas	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Mahila Shiksha Aur Vikas	500.00	Cash	
39	Dr. Vimal Patel	Bhugol me Nariwad,	Research Digest,ISSN	Bilaspur	Publication		July -Sep. 2018	Bhugol me Nariwad,	500.00	Cash	
40	Dr. Rashmi Sharma	Boddh Dharm ka Vikas- Chhattisgarh ke Sandarbh me,	Research Digest,ISSN 0973-6387	Bilaspur	Publication		July -Sep. 2018	Boddh Dharm ka Vikas- Chhattisgarh ke Sandarbh me,	500.00	Cash	
Total Amount									20400.00		


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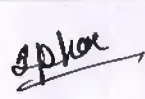
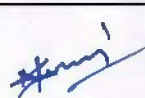
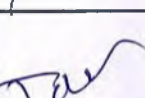
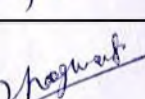

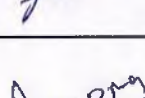
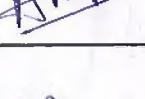
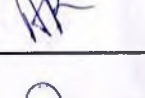

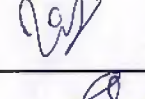
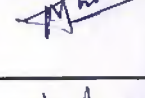





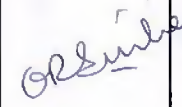

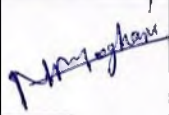


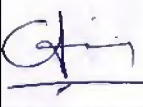

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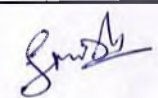
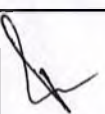
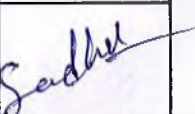
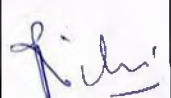
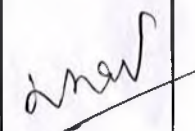
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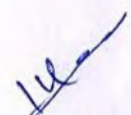
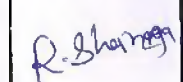
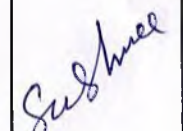

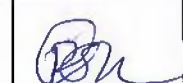

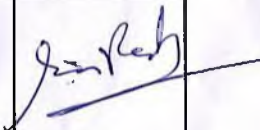
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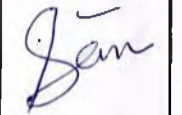
2019-20											
S.No.	Name of Teacher	Name of Programme	Conducted by	Place	Workshop/Seminar/Conference	Duration	From to date	Subjet / Theme	Amount Paid	Mode of Payment	Signature of Teacher
1	Dr. Anju Shukla	"Samajik Samrashata aur Gandhi"	Navyug Arts and Commerce College, Jabalpur (M.P.)	Jabalpur (M.P.)	Internnational Conference	2 Day	5, 6 Set. 2019	Samajik Samrashata aur Gandhi	700.00	Cash	
2	Dr. Sanjay Tiwari	"Quality & Excellence in Higher Education"	Bilaspur University, Bilaspur (C.G.)	Bilaspur	WorkShop	1 Day	2019	"Quality & Excellence in Higher Education"	500.00	Cash	
3	Prof. Volga Vyas	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
4	Prof. Snehlata Mishra	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
5	Prof. Bharti Sahu	"Innovation in Business : Opportunies and Challenges"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	15 Nove. 2019	"Innovation in Business : Opportunies and Challenges"	500.00	Cash	
6	Dr. Sunita Yadav	"Good Governance and Transparency in India: In The Present Context"	Govt. P.D. College, Raigarh (C.G.)	Raigarh	National Seminar	1 Day	07 Dec. 2019	Good Governance and Transparency in India: In The Present Context	500.00	Cash	
7	Prof. Rajani Kujur	"Dakshin Kosal ka Itihas"	Guru Ghasidas Central University, Bilaspur (C.G.)	Bilaspur	National Seminar	2 Day	5, 6 Nov. 2019	"Dakshin Kosal ka Itihas"	500.00	Cash	

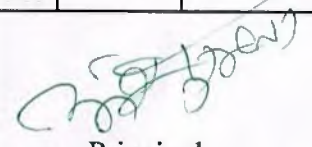
8	Prof Gurudeo Kumar	"Relevance of Gandhian Thoughts in Present Scenario"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Confernce	1 Day	04 Oct. 2019	"Relevance of Gandhian Thoughts in Present Scenario"	500.00	Cash	
9	Dr. Shikha Pahare	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
10	Prof. Niraj Soni	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
11	Prof. Toshima Mishra	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
12	Prof. Bhagwat Kaushik	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
13	Prof Sapna Mishra	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
14	Prof. Anupama Pandey	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
15	Prof. Archana Singh Thakur	"Relevance of Gandhian Thoughts in Present Scenario"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Confernce	1 Day	04 Oct. 2019	"Relevance of Gandhian Thoughts in Present Scenario"	500.00	Cash	
16	Prof. Pradeep Jaiswal	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
17	Prof. Reena Tamrakar	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
18	Dr. M. L. Jaiswal	"Relevance of Gandhian Thoughts in Present Scenario"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Confernce	1 Day	04 Oct. 2019	"Relevance of Gandhian Thoughts in Present Scenario"	500.00	Cash	
19	Dr. Vivek Ambalkar	"Relevance of Gandhian Thoughts in Present Scenario"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Confernce	1 Day	04 Oct. 2019	"Relevance of Gandhian Thoughts in Present Scenario"	500.00	Cash	

20	Prof. Jayanta Roy	"Relevance of Gandhian Thoughts in Present Scenario"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Conference	1 Day	04 Oct. 2019	"Relevance of Gandhian Thoughts in Present Scenario"	500.00	Cash	
21	Prof. Neelima kesharwani	"Innovation in Business: Opportunities and Challenges"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	15 Nove. 2019	"Innovation in Business: Opportunities and Challenges"	500.00	Cash	
22	Prof. Varsha Rani Dubey	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
23	Dr. Oorja Ranjan Sinha	"Feminism and Women Empowerment: Pathways to Gender Equality"	P.D. College, Raigarh (C.G.)	Raigarh	National Seminar	2 Day	25, 26 Sep. 2019	"Feminism and Women Empowerment: Pathways to Gender Equality"	500.00	Cash	
24	Prof. A Shriram	"Relevance of Gandhian Thoughts in Present Scenario"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Conference	1 Day	04 Oct. 2019	"Relevance of Gandhian Thoughts in Present Scenario"	500.00	Cash	
25	Prof. Neha Meghani	"Recent Trends in Environmental Issues"	D.P. Vipra College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	14 Oct. 2019	"Recent Trends in Environmental Issues"	500.00	Cash	
26	Dr. R.N. Yadav	"Bhartiya Shiksha aur Gandhi Ji"	D.P. Vipra P.G. College, Bilaspur (C.G.)	Bilaspur	National Conference	1 Day	04 Oct. 2019	"Bhartiya Shiksha aur Gandhi Ji"	500.00	Cash	
27	Prof. Kiran Dubey	"Gandhi Ji Ke Vicharo Ke Vibhinn Aayam"	D.P. Vipra P.G. College, Bilaspur (C.G.)	Bilaspur	National Conference	1 Day	04 Oct. 2019	"Gandhi Ji Ke Vicharo Ke Vibhinn Aayam"	500.00	Cash	
28	Prof. Abha Tiwari	"Vyapar Ke Nawachar Ka Gramin Striyo Par Prabhav"	D.P. Vipra P.G. College, Bilaspur (C.G.)	Bilaspur	National Seminar	1 Day	15 Nove. 2019	"Vyapar Ke Nawachar Ka Gramin Striyo Par Prabhav"	500.00	Cash	
29	Dr. M.S. Tamboli	"Gandhi Ji Ke Vicharo Ke Vibhinn Aayam"	D.P. Vipra P.G. College, Bilaspur (C.G.)	Bilaspur	National Conference	1 Day	04 Oct. 2019	"Gandhi Ji Ke Vicharo Ke Vibhinn Aayam"	500.00	Cash	

30	Prof. Varsha Singh	"Innovative Research In Science, Management And Technology"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	International Conference	2 Day	4, 5 Janu. 2019	"Innovative Research In Science, Management And Technology"	700.00	Cash	
31	Prof. Vishwas Victor	"Innovative Research In Science, Management And Technology"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	International Conference	2 Day	4, 5 Janu. 2019	"Innovative Research In Science, Management And Technology"	700.00	Cash	
32	Dr. Suruchi Mishra	"Vartman shiksha pradali me hindi ki upeksha ke karan"	Saint Alosious College, Jabalpur (M.P.)	Jabalpur	National Seminar	2 Day	3, 4 Feb. 2020	"Vartman shiksha pradali me hindi ki upeksha ke karan"	500.00	Cash	
33	Dr. Renu Nayar	"Materials for Environment"	Govt. VYT P.G. College, Durg (C.G.)	Durg	International Conference	2 Day	24, 25 Janu. 2020	"Materials for Environment"	700.00	Cash	
34	Dr. Sadhana Shome	"Right to Education"	Govt. T.C.L. P.G. College, Janjgir (C.G.)	Janjgir	International Seminar	1 Day	2-Mar-20	"Right to Education"	700.00	Cash	
35	Dr. Richa Handa	"ICIRSMT"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	International Conference	2 Day	4, 5 Janu. 2020	"ICIRSMT"	700.00	Cash	
36	Dr. K. K. Sharma	Bilaspur Jile ke Kota Vikaskhand ke Sarvekshit Gramo me Swarna Jayanti Gram Swarojgar Yojana se Prabhavit ewam Aprabhavit Anusuchit Janjati ke Aay Shrot ewam Aay Star ke Vishesh Sandarbh me Ek Adhyayan,	Naveen Shodh Sansar, ISSN 2320-8767	E-Junrals	Publication		Jun-March 2020		500.00	Cash	

37	Dr. Manish Tiwari	Removal Of Heavy Metal Ions By Silver Nano Particles In Nivoco Cement Plan Parsada District Janjgir Champa Chhattisgarh,	Wesleyan Journal of Research, ISBN 0975-1386		Publication		Oct-20		500.00	Cash	
38	Dr. Rashmi Sharma	Bauddh Center Bhogapal Bastar,	Wesleyan Journal of Research, ISSN 0975-1386		Publication		Oct-20		500.00	Cash	
39	Dr. Sushma Sharma	Investigative Journalism-Problem Challenge & Future	Wesleyan Journal of Research, ISSN 0975-1386		Publication		Oct-20		500.00	Cash	
40	Prof. Motilal Patle	The Study of medicinal uses of underground plant part of Bilaspur District (C.G.),	Wesleyan Journal of Research, ISSN 0975-1386		Publication		Oct-20		500.00	Cash	
41	Prof., Rupendra Sharma	Online Education Vs Primary Education,	Wesleyan Journal of Research, ISSN 0975-1386		Publication		Oct-20		500.00	Cash	
42	Prof. Shriti Somvanshi	Acute Effect Of Mercuric Chloride Exposure In The Freshwater Fish Gambusia Affinis,	Wesleyan Journal of Research, ISSN 0975-1386		Publication		Oct-20		500.00	Cash	
43	Dr. Smriti Rani Prakash	Pt. Deen Dayal Upadhyay Nationalism Integralism Thought	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	

44	Prof. Nidhish Chaubey	Study Of Smart Piezoelectric Materials: LITERATURE REVIEW	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
45	Prof. Deepak Tiwari	Water Quality Status Of Kusmunda,	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
46	Dr. Ashutosh Pandey	New Crypto System,	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
47	Prof. Anju Halwai	Books The Create Humanity	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
48	Prof. Shishir Shukla	A Study On Tribes Of Chhattisgarh	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
49	Dr. Ashish Sharma	Thoughts & Philosophy Of Hazari Prasad Dwivedi	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
50	Dr. Khagendra Soni	The Effect Of (GST) In Indian Economy	Wesleyan Journal of Research, ISSN 0975-1386 .		Publication		Oct-20		500.00	Cash	
Total Amount									26200.00		


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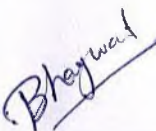







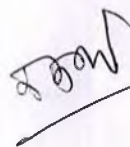
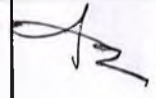
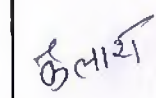

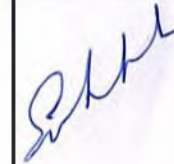

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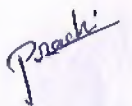



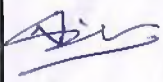
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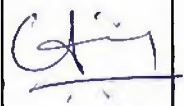
2020-21											
S.No.	Name of Teacher	Name of Programme	Conducted by	Place	Workshop/Seminar/Conference	Duration	From to date	Subject / Theme	Amount Paid	Mode of Payment	Signature of Teacher
1	Dr. Anju Shukla	"Current Scenario-Mental, Physical and Social Health"	Govt. K.N. Girls College, Balaghat (M.P.)	Balaghat	National Workshop	1 Day	17 Feb. 2021	"Current Scenario-Mental, Physical and Social Health"	500	Cash	
2	Dr. Shushma Sharma	"Geometry of Continued Fractions: Ramanujan And His Successors"	Shrinivasa Ramanujan Dept. of Mathematics Dharamshala (H.P.)	Dharamshala (H.P.)	International Workshop	1 Day	13 Aug. 2020	"Geometry of Continued Fractions: Ramanujan And His Successors"	700	Cash	
3	Prof. Archana Singh Thakur	"International Economic Development And Crisis"	Govt. P.G. College, Ambikapur (C.G.)	Ambikapur (C.G.)	International Seminar	1 Day	6 Aug. 2020	"International Economic Development And Crisis"	700	Cash	
4	Dr. M. L. Jaiswal	"Hands On With ICT Tools"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	Workshop	7 Day	30Nov. To 5 Dec 2020	"Hands On With ICT Tools"	500	Cash	
5	Prof. Jayanta Roy	"Hands On With ICT Tools"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	Workshop	7 Day	30Nov. To 5 Dec 2020	"Hands On With ICT Tools"	500	Cash	
6	Prof. Brijesh Kumar	"Introduction to Deep Learning"	Anurag University, Hyderabad (Telangana)	Hyderabad (Telangana)	Workshop	3 Day	21-23 Aug. 2020	"Introduction to Deep Learning"	500	Cash	



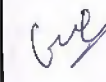

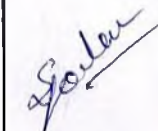
7	Prof. Bhagwat Kaushik	"Hands On With ICT Tools"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	Workshop	7 Day	30Nov. To 5 Dec 2020	"Hands On With ICT Tools"	500	Cash	
8	Prof. Sapana Mishra	"Hands On With ICT Tools"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	Workshop	7 Day	30Nov. To 5 Dec 2020	"Hands On With ICT Tools"	500	Cash	
9	Dr. Vivek Ambalkar	"Hands On With ICT Tools"	Atal Bihari Vajpayee University, Bilaspur (C.G.)	Bilaspur	Workshop	7 Day	30Nov. To 5 Dec 2020	"Hands On With ICT Tools"	500	Cash	
10	Dr. Richa Handa	Stock Market Price Forecasting using LSTM and ANN with Combined Approach of Wavelet Based Data Preprocessing	Global Journal of Computer and Engineering Technology (GJCET), ISSN No.- 2767-1933	Bilaspur	Publication		Jan-21	Stock Market Price Forecasting using LSTM and ANN with Combined Approach of Wavelet Based Data Preprocessing	500	Cash	
11	Dr. Renu Nayar	Mechanoluminescence Of Rare Earth Doped Potassium Aluminum Silicate Phosphor	IJSTR, 2277-8616		Publication		Mar-20	Mechanoluminescence Of Rare Earth Doped Potassium Aluminum Silicate Phosphor	500	Cash	
12	Dr. M. S. Tamboli	Current Challenges and Their Solutions,	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Current Challenges and Their Solutions,	500	Cash	

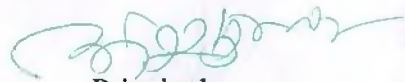
13	Dr. K. K. Sharma	Bilaspur Jile ke Kota Vikaskhand ke Sarvekshit Gramo me Anusuchit Janjati ki Aadharbhut sthiti ke vishesh Sandarbh me swarna jayanti gram Swarojgar Yojana ke Yogdan ka ek Adhyayan, Sawadeshi R	Research Foundation, ISSN No.-2394-3580	Online Journal	Publication		3-Apr-20	Bilaspur Jile ke Kota Vikaskhand ke Sarvekshit Gramo me Anusuchit Janjati ki Aadharbhut sthiti ke vishesh Sandarbh me swarna jayanti gram Swarojgar Yojana ke Yogdan ka ek Adhyayan, Sawadeshi R	500	Cash	
14	Dr. Ashutosh Pandey	Impact Of Covid 19 On Business Practices of Micro Enterprises	Research Foundation, ISSN No.-2394-3580	Online Journal	Publication		3-Apr-20	Impact Of Covid 19 On Business Practices of Micro Enterprises	500	Cash	
15	Prof. Kailash Dewangan	Impact Of Covid 19 On Business Practices of Micro Enterprises	Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Turkish Online	Publication		Jul-21	Impact Of Covid 19 On Business Practices of Micro Enterprises	500	Cash	
16	Prof. Tarun Biswas	Impact Of Covid 19 On Business Practices of Micro Enterprises	Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Turkish Online	Publication		Jul-21	Impact Of Covid 19 On Business Practices of Micro Enterprises	500	Cash	
17	Prof. Snehlata Mishra	Impact Of Covid 19 On Business Practices of Micro Enterprises	Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Turkish Online	Publication		Jul-21	Impact Of Covid 19 On Business Practices of Micro Enterprises	500	Cash	
18	Prof. Nidhish Chaubey	Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated [Sr] ₄ [Al] ₁₄ O ₂₅ Phospho	Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Turkish Online	Publication		Jul-21	Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated [Sr] ₄ [Al] ₁₄ O ₂₅ Phospho	500	Cash	

19	Prof. Prachi Tiwari	Comparative Study on Anticoagulant Activity of Different Parts of Achyranthes Aspera	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Comparative Study on Anticoagulant Activity of Different Parts of Achyranthes Aspera	500	Cash	
20	Prof. Deepak Tiwari	Phytochemical and pharmacological studies of Eucalyptus globulus: A review	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Phytochemical and pharmacological studies of Eucalyptus globulus: A review	500	Cash	
21	Dr. Khagendra Soni	Effective Communication Skills	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Effective Communication Skills	500	Cash	
22	Dr. S. K. Tiwari	The Common Dilemma Of 'To Be or Not to Be' Between Hamlet and Devdas Hamlet Vs. Devdas 'To Be or Not to Be': A Study of Dilemma in Shakespeare's Hamlet and Sarat Chandra Chatterjee's Devdas	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	The Common Dilemma Of 'To Be or Not to Be' Between Hamlet and Devdas Hamlet Vs. Devdas 'To Be or Not to Be': A Study of Dilemma in Shakespeare's Hamlet and Sarat Chandra Chatterjee's Devdas	500	Cash	
23	Prof. Vishwas Victor	Identification Of Covid -19 Patient Through Machine Learning	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Identification Of Covid -19 Patient Through Machine Learning	500	Cash	

24	Prof. Anjali Sona	Identification Of Covid -19 Patient Through Machine Learning	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Identification Of Covid -19 Patient Through Machine Learning	500	Cash	
25	Prof. Motilal Patle	Studies On the Aero-Mycoflora of Lormi Region of Mungeli District (C.G.)	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Studies On the Aero-Mycoflora of Lormi Region of Mungeli District (C.G.)	500	Cash	
26	Prof. Toshima Mishra	Pineal Gland and its secretion	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Pineal Gland and its secretion	500	Cash	
27	Prof. Pradeep Jaiswal	Removal Of Heavy Metal Ions in Villege Amora in Janjgir Champa C.G.	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Removal Of Heavy Metal Ions in Villege Amora in Janjgir Champa C.G.	500	Cash	
28	Dr. Manish Tiwari	Removal Of Heavy Metal Ions in Villege Amora in Janjgir Champa C.G.	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Removal Of Heavy Metal Ions in Villege Amora in Janjgir Champa C.G.	500	Cash	
29	Prof. A. Shri Ram	A comparative study on the effectiveness of online and offline teaching pedagogy	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	A comparative study on the effectiveness of online and offline teaching pedagogy	500	Cash	
30	Prof. Gurudeo Kumar	A comparative study on the effectiveness of online and offline teaching pedagogy	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	A comparative study on the effectiveness of online and offline teaching pedagogy	500	Cash	

31	Prof, Shriti Somvanshi	Stuedies On the Toxicity Effect of Mercuric Chloride on The Ovary (Gonads) In Gambusia Affnins	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Stuedies On the Toxicity Effect of Mercuric Chloride on The Ovary (Gonads) In Gambusia Affnins	500	Cash	
32	Dr. Taru Tiwari	I.C.T. In History	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	I.C.T. In History	500	Cash	
33	Prof. Varsha Singh	A Review Paper on Big Data and Data Mining Concepts and Techniques	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	A Review Paper on Big Data and Data Mining Concepts and Techniques	500	Cash	
34	Dr. Oorja Ranjan Sinha	Virginia Woolf On Method	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Virginia Woolf On Method	500	Cash	
35	Dr. R. N. Yadav	Arpa Bhaisajhar Project in Bilaspur District (A Geographical Study)	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Arpa Bhaisajhar Project in Bilaspur District (A Geographical Study)	500	Cash	
36	Prof. Kiran Dubey	Current Challenges and Their Solutions	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Current Challenges and Their Solutions	500	Cash	
37	Dr. Abha Tiwari	Atomic Weaponisation: A Global Problem Analysis and Suggestion	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Atomic Weaponisation: A Global Problem Analysis and Suggestion	500	Cash	

38	Dr. Sadhana Shome	Old Age: Status And Problems A Sociological Study	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Old Age: Status And Problems A Sociological Study	500	Cash	
39	Prof. Reena Tamrakar	Study of Urbanization and Functional Pattern in North Chhattisgarh	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Study of Urbanization and Functional Pattern in North Chhattisgarh	500	Cash	
40	Prof. Gendlal Banjare	Study of Urbanization and Functional Pattern in North Chhattisgarh	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Study of Urbanization and Functional Pattern in North Chhattisgarh	500	Cash	
41	Prof. Yupesh Kumar	Impact of British rule in Chhattisgarh	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Impact of British rule in Chhattisgarh	500	Cash	
42	Dr. Sunita Yadav	Sanskritik Rashtrawad ke Chintak Pandit Deen Dayal Upadhyay ka Ekatm Manavvad	Turkish Online Journal of Quality Inquiry, ISSN No.- 1309-6591	Turkish Online	Publication		Jul-21	Sanskritik Rashtrawad ke Chintak Pandit Deen Dayal Upadhyay ka Ekatm Manavvad	500	Cash	
Total Amount									21400.00		


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Appendix II

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Ref.No./145./ 2016

Date: 04.07.2016

**Policy of Financial Support to the Teachers for attending conference,
workshop and membership of professional body**

Institute supports all efforts oriented towards Innovation & Research in the following ways.

- The Institute assists in expenses of attending conference and workshop towards registration fees and travelling expenses with Duty Leave facility by the Institute. Further it was decided to assist in following way :-
 - a If publication is at State Level, Amount of 300/- Rupees will be given as financial support.
 - b If publication is at National Level, Amount of 500/- Rupees will be given as financial support.
- If publication is at International Level, Amount of 700/- Rupees will be given as financial support.
- The Institute gives 25% assistance in taking membership of professional body.
- One faculty can avail financial assistance only one time during academic year.

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Ref. No./ 145 /Estb./ 2016

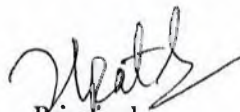
Bilaspur, Date : 04.07.2016

Policy of Incentives to the Teachers for State, National and International Recognition / Awards.

It is the express intent and policy of the institute to provide conducive environment for fostering creativity, innovation, novel ideas and-out-of-box thinking from faculty for making a permanent impression in society and making a name for the college.

To promote faculty development and to encourage retention of faculty in the college, the institution provides various incentives to teachers who receive state, national and international recognition/awards, as follows:

- State level- Appreciation letter from the institute and rupees 501/- cash prize.
- National level- Appreciation letter from the institute and rupees 1001/- cash prize.
- International level- Appreciation letter from the institute and rupees 1501/- cash prize.


Principal
D.P. Vipra College
Bilaspur (C.G.)
D.P. Vipra College
Bilaspur (C.G.)



कार्यालय प्राचार्य

डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

फोन नं.- 07752-424497, वेब.- www.dpvipracollege.in, ईमेल- dpvipracollege@gmail.com

बिलासपुर, दिनांक 06.04.2017

// भुगतान हेतु नीति //

डी.पी. विप्र महाविद्यालय, बिलासपुर द्वारा पूर्ण किये गये कार्य, अग्रिम व अन्य समस्त आर्थिक संसाधन उपलब्ध किये जाने हेतु नीति का निर्माण किया जाता है, जो निम्नानुसार है-

1. महाविद्यालय द्वारा 1000 रु. से कम का भुगतान पीला देयक (नकद) के माध्यम से ही किया जायेगा।
2. 1000 रु. से अधिक का भुगतान धनादेश/ऑनलाईन/आर.टी.जी.एस./एन.ई.एफ.टी. के माध्यम से पार्टी को भुगतान किया जायेगा।

ATTESTED

प्रमुख

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

प्रचार्य

डी. पी. विप्र महाविद्यालय,
बिलासपुर (छ.ग.)

डी.पी.विप्र महाविद्यालय
बिलासपुर (छ.ग.)

VOUCHER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

No. _____

Debit _____ C.B.F. _____

Credit _____ Date _____

Particulars	Amount	
	Rs.	P.
Paid to _____		
By Cash / Cheque / D.D. No. _____		
Dated _____ Towards _____		

TOTAL		

Rupees In Words _____

Approved _____

Manager/Accountant

Signature of Receiver

Bilaspur, Date : 06.04.2017

TRANSLATED COPY

POLICY FOR PAYMENT

Payment policy of D.P. Vipra college, Bilaspur has been framed regarding payment of work completion, advance and procurement of economic resources. It reads :

1. Amount less than 1000 Rs. (One thousand) will be paid in cash through yellow voucher.
2. Amount more than 1000 Rs. (One thousand) will be paid through cheque/Online/ RTGS/ NEFT.

Sd/-
Principal
D. P. Vipra College,
Bilaspur (C.G.)



**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

Appendix III

D.P. Vipra College

Old High Court Road, Bilaspur

Chhattisgarh, India 495001

Date	Particulars	Vch Type	Vch No.	Debit	Credit
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OTHER FEES (Continued)

25-Mar-21	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	595		123.00
	To Closing Balance			5,82,255.00	5,82,255.00
				5,82,255.00	5,82,255.00

OTHER INCOME

13-Jul-20	By Cash	Receipt	27		5,300.00
11-Aug-20	By UBI BANK A/C NO. 423801010036742	Receipt	51		4,71,747.00
31-Aug-20	By Cash	Receipt	93		1,000.00
29-Oct-20	By Cash	Receipt	271		1,52,050.00
12-Jan-21	By Cash	Receipt	418		2,344.00
27-Jan-21	By Cash	Receipt	455		10,000.00
8-Feb-21	By Cash	Receipt	479		9,000.00
9-Feb-21	By Cash	Receipt	481		9,000.00
4-Mar-21	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	548		11,345.00
10-Mar-21	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	565		1,000.00
16-Mar-21	By Cash	Receipt	576		5,930.00
31-Mar-21	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	608		500.00
	By SBI 10826091021	Receipt	629		8,701.00
	To Closing Balance			6,87,917.00	6,87,917.00
				6,87,917.00	6,87,917.00

OTHERS (TRUST FUND)

18-May-20	To UBI A/C NO. 423801010036743	Payment	61	4,971.00	4500
29-Jun-20	To UBI BANK A/C NO. 423801010036742	Payment	157	5,900.00	5500
7-Jul-20	To Cash	Payment	182	1,550.00	
	To ADVANCES (OTHERS)	Journal	3	1,100.00	
8-Jul-20	To Cash	Payment	185	1,428.00	
13-Jul-20	To Cash	Payment	189	510.00	
	To Cash	Payment	190	1,150.00	
15-Jul-20	To Cash	Payment	196	455.00	
	To Cash	Payment	197	4,138.00	4000
25-Aug-20	To Cash	Payment	263	2,150.00	
	To Cash	Payment	264	2,250.00	
26-Aug-20	To Cash	Payment	269	4,445.00	2500
30-Sep-20	To Cash	Payment	373	3,465.00	
10-Oct-20	To Cash	Payment	420	2,650.00	
	To EXAM. ADV. TO SADHNA SOME	Journal	11	1,403.00	
12-Oct-20	To EXAM. ADV. TO DR. R.P. PANDEY	Journal	13	2,003.00	
13-Oct-20	To EXAM. ADV. TO DR. V.K. PATEL	Journal	18	2,000.00	
21-Oct-20	To Cash	Payment	475	750.00	
22-Oct-20	To Cash	Payment	484	3,120.00	
27-Oct-20	To Cash	Payment	488	5,590.00	
28-Oct-20	To Cash	Payment	489	6,890.00	
	To Cash	Payment	490	5,650.00	
29-Oct-20	To Cash	Payment	497	140.00	
28-Nov-20	To Cash	Payment	590	3,692.00	
	To Cash	Payment	592	9,113.00	
1-Dec-20	To Cash	Payment	595	7,030.00	
4-Dec-20	To Cash	Payment	618	3,279.00	
	To Cash	Payment	620	660.00	

ACCOUNTANTD.P. VIPRA COLLEGE
BILASPUR (C.G.)

4500

5500

4000

2500

1900

3000

21400 = 00

continued ...

PRINCIPALD.P. Vipra College
Bilaspur (C.G.)

Date	Particulars	Vch Type	Vch No.	Debit	Cred
OTHERS (TRUST FUND) (Continued)					
14-Dec-20	To Cash	Payment	648	4,975.00	
	To Cash	Payment	650	1,460.00	
12-Feb-21	To Cash	Payment	877	6,700.00 - 1900	
23-Mar-21	To Cash	Payment	1026	935.00	
27-Mar-21	To Cash	Payment	1052	990.00	
30-Mar-21	To Cash	Payment	1055	230.00	
31-Mar-21	To Cash	Payment	1068	3,225.00 - 3000	
				1,05,997.00	
	By Closing Balance				1,05,997.0
				1,05,997.00	1,05,997.0

P.F. BANK DEPOSIT

1-Apr-20 To Opening Balance 24,94,561.73

P.F. FIXED DEPOSIT

1-Apr-20 To Opening Balance 35,97,912.00

P.F. INTEREST (BANK)

1-Apr-20 By Opening Balance 7,22,597.0

P.F. LOAN

1-Apr-20 To Opening Balance 12,81,770.56

P.F. PART/FINAL

1-Apr-20 To Opening Balance 56,08,989.95

PHOTO COPY (REMEDIAL)

1-Apr-20 To Opening Balance			10,423.00	
31-Mar-21 By DEPRECIATION A/C	Journal	103		1,563.4
			10,423.00	1,563.4
				8,859.5
By Closing Balance			10,423.00	10,423.0

PHOTOCOPY & TYPING CHARGES

11-Jun-20 To Cash	Payment	128	280.00
12-Jun-20 To Cash	Payment	134	1,380.00
15-Jun-20 To Cash	Payment	140	2,270.00
7-Jul-20 To Cash	Payment	182	400.00
To ADVANCES (OTHERS)	Journal	3	396.00
8-Jul-20 To Cash	Payment	185	710.00
To Cash	Payment	186	310.00
13-Jul-20 To Cash	Payment	189	3,190.00
To Cash	Payment	190	996.00
14-Jul-20 To Cash	Payment	191	330.00
To ADVANCES (OTHERS)	Journal	4	125.00
15-Jul-20 To Cash	Payment	196	230.00
25-Aug-20 To Cash	Payment	264	1,335.00
To Cash	Payment	265	30.00
26-Aug-20 To Cash	Payment	269	200.00
3-Sep-20 To UBI BANK A/C NO. 423801010036742	Payment	280	9,095.00
10-Sep-20 To UBI BANK A/C NO. 423801010036742	Payment	317	7,652.00

continued ...

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
BILASPUR (C.G.)

Audit Report.

19	N.C.C. Expense	Continued
20	NAAC EXPS.	28,661
21	NEWS PAPER & PERIODICALS	45,105
22	OFFICE EXPS.	2,568
23	OTHER EXPS.	1,18,800
24	OTHERS (TRUST FUND)	1,93,265
25	PHOTOCOPY & TYPING CHARGES	1,05,897
26	POSTAGE AND TELEGRAM	56,642
27	PRACTICAL MATERIAL A/C	8,873
28	PRINTING CHARGES	4,72,789
29	REPAIRS (ELECTRICITY)	1,18,005
30	REPAIRS & MAINT. (BUILDING)	1,57,427
31	REPAIRS & MAINT. (OTHERS)	11,51,008
32	REPAIRS (FURNITURE)	1,79,447
33	SEMINAR EXPS.	3,00,939
34	SPORTS EXPS.	3,69,166
35	STATIONERY EXPS.	9,108
36	SWARNA JAYANTI EXPS.	1,50,373
37	TELEPHONE EXPENSES	34,494
38	TRAVELLING EXPENSES	23,675
39	TUITION FEE 50%	72,263
		1,65,076
TOTAL		71,76,201

ART FACULTY

S. No.	Particulars	Amount
1.	AUDIT FEE & CERTIFICATION FEE	30,000
2	BANK CHARGES	5,697
3	FUNCTION & CELEBRATION EXPS.	1,540
4	LOCAL CONVEYANCE EXPS.	534
5	MEETING EXPS.	1,580
6	MISC. EXPS.	6,739
7	N.S.S. EXPS.	5,570
8	OFFICE EXPS.	4,398
9	PHOTOCOPY & TYPING CHARGES	1,862
10	POSTAGE & TELEGRAM EXPS.	251
11	PRACTICAL EXPS.	594
12	REPAIRS & MAINT. (FURNITURE)	2,645
13	REPAIRS & MAINT. (OTHERS)	7,570
14	REPAIRS & MAINT. EXPS (ELECTRICAL)	960
15	REPAIRS & MAINT. (BUILDING)	3,845
16	STATIONERY EXPS.	10,989
17	TRAVELLING EXPS.	5,943
18	TUITION FEE 50%	82,200
TOTAL		1,72,917

अध्यक्ष
प्रशासन समिति
डी.पी. विप्र महाविद्यालय
बिलासपुर (छ.ग.)

PRINCIPAL
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Bilaspur (C.G.)



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PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

D.P VIPRA COLLEGE
OLD HIGH COURT ROAD, BILASPUR, CHHATTISGARH
2020-21

Criteria : 6.3.2

Statement of Budgeted and Payment for the Financial Support to attend Conference/Workshops

Particulars	Amount
budgeted amount	23,000.00
actual expense	21,400.00

S.No.	Date	Workshop/ Conference	Name of Teacher	Adress of Workshop	Mode of Payment	Cheque no.	Amount
1	31-03-2021	Workshop	Dr. Anju Shukla	(National Workshop) "Current Scenario-Mental, Physical and Social Health", Govt. K.N. Girls College, Balaghat (M.P.)	Cash	-	500
2	31-03-2021	Workshop	Dr. Shushma Sharma	(International Workshop) "Geometry of Continued Fractions: Ramanujan And His Successors", Shrinivasa Ramanujan Dept. of Mathematics Dharamshala (H.P.)	Cash	-	700
3	31-03-2021	Seminar	Prof. Archana Singh Thakur	(International Seminar) "International Economic Development And Crisis", Govt. P.G. College, Ambikapur (C.G.)	Cash	-	700
4	31-03-2021	Workshop	Dr. M. L. Jaiswal	(Workshop) "Hands On With ICT Tools", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	500
5	31-03-2021	Workshop	Prof. Jayanta Roy	(Workshop) "Hands-On With ICT Tools", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	500
6	31-03-2021	Workshop	Prof. Brijesh Kumar	(Workshop) "Introduction to Deep Learning", Anurag University, Hyderabad (Telangana)	Cash	-	500
7	31-03-2021	Workshop	Prof. Bhagwat Kaushik	(Workshop) "Hands-On With ICT Tools", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	500
8	31-03-2021	Workshop	Prof. Sapana Mishra	(Workshop) "Hands-On With ICT Tools"	Cash	-	500
9	31-03-2021	Workshop	Dr. Vivek Ambalkar	(Workshop) "Hands-On With ICT Tools", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	500

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Bilaspur (C.G.)

10	31-03-2021	Workshop	Dr. Richa Handa	Stock Market Price Forecasting using LSTM and ANN with Combined Approach of Wavelet Based Data Preprocessing, Global Journal of Computer and Engineering Technology (GJCET), ISSN No.- 2767-1933	Cash	-	500
11	31-03-2021	Workshop	Dr. Renu Nayar	Mechanoluminescence Of Rare Earth Doped Potassium Aluminum Silicate Phosphor, IJSTR, 2277-8616	Cash	-	500
12	31-03-2021	Workshop	Dr. M. S. Tamboli	Current Challenges and Their Solutions, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
13	31-03-2021	Workshop	Dr. K. K. Sharma	Bilaspur Jile ke Kota Vikashhand ke Sarvekshit Gramo me Anusuchit Janjati ki Aadharbhit sthiti ke vishesh Sandarbh me swarna jayanti gram Swarojgar Yojana ke Yogdan ka ek Adhyayan, Sawadeshi Research Foundation, ISSN No.-2394-3580	Cash	-	500
14	31-03-2021	Workshop	Dr. Ashutosh Pandey	Impact Of Covid 19 On Business Practices of Micro Enterprises, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
15	31-03-2021	Workshop	Prof. Kailash Dewangan	Impact Of Covid 19 On Business Practices of Micro Enterprises, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
16	31-03-2021	Workshop	Prof. Tarun Biswas	Impact Of Covid 19 On Business Practices of Micro Enterprises, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
17	31-03-2021	Workshop	Prof. Snehlata Mishra	Impact Of Covid 19 On Business Practices of Micro Enterprises, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
18	31-03-2021	Workshop	Prof. Nidhish Chaubey	Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated [Sr] ₄ [Al] ₁₄ O ₂₅ Phospho, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
19	31-03-2021	Workshop	Prof. Prachi Tiwari	Comparative Study on Anticoagulant Activity of Different Parts of Achyranthes Aspera, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

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Bilaspur (C.G.)

20	31-03-2021	Workshop	Prof. Deepak Tiwari	Phytochemical and pharmacological studies of Eucalyptus globulus: A review, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
21	31-03-2021	Workshop	Dr. Khagendra Soni	Effective Communication Skills, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
22	31-03-2021	Workshop	Dr. S. K. Tiwari	The Common Dilemma Of 'To Be or Not to Be' Between Hamlet and Devdas Hamlet Vs. Devdas 'To Be or Not to Be': A Study of Dilemma in Shakespeare's Hamlet and Sarat Chandra Chatterjee's Devdas, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
23	31-03-2021	Workshop	Prof. Vishwas Victor	Identification Of Covid -19 Patient Through Machine Learning, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
24	31-03-2021	Workshop	Prof. Anjali Sona	Identification Of Covid -19 Patient Through Machine Learning, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
25	31-03-2021	Workshop	Prof. Motilal Patle	Studies On the Aero-Mycoflora of Lormi Region of Mungeli District (C.G.), Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
26	31-03-2021	Workshop	Prof. Toshima Mishra	Pineal Gland and its secretion, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
27	31-03-2021	Workshop	Prof. Pradeep Jaiswal	Removal Of Heavy Metal Ions in Villegge Amora in Janjgir Champa C.G., Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
28	31-03-2021	Workshop	Dr. Manish Tiwari	Removal Of Heavy Metal Ions in Villegge Amora in Janjgir Champa C.G., Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
29	31-03-2021	Workshop	Prof. A. Shri Ram	A comparative study on the effectiveness of online and offline teaching pedagogy, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
30	31-03-2021	Workshop	Prof. Gurudeo Kumar	A comparative study on the effectiveness of online and offline teaching pedagogy, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500

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BILASPUR (C.G.)

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D.P. Vipra College
Bilaspur (C.G.)

31	31-03-2021	Workshop	Prof. Shriti Somvanshi	Stuedies On the Toxicity Effect of Mercuric Chloride on The Ovary (Gonads) In Gambusia Affnins, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
32	31-03-2021	Workshop	Dr. Taru Tiwari	I.C.T. In History, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
33	31-03-2021	Workshop	Prof. Varsha Singh	A Review Paper on Big Data and Data Mining Concepts and Techniques, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
34	31-03-2021	Workshop	Dr. Oorja Ranjan Sinha	Virginia Woolf On Method, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
35	31-03-2021	Workshop	Dr. R. N. Yadav	Arpa Bhaisajhar Project in Bilaspur District (A Geographical Study), Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
36	31-03-2021	Workshop	Prof. Kiran Dubey	Current Challenges and Their Solutions, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
37	31-03-2021	Workshop	Dr. Abha Tiwari	Atomic Weaponisation: A Global Problem Analysis and Suggestion, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
38	31-03-2021	Workshop	Dr. Sadhana Shome	Old Age: Status And Problems A Sociological Study, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
39	31-03-2021	Workshop	Prof. Reena Tamrakar	Study of Urbanization and Functional Pattern in North Chhattisgarh, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
40	31-03-2021	Workshop	Prof. Gendlal Banjare	Study of Urbanization and Functional Pattern in North Chhattisgarh, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
41	31-03-2021	Workshop	Prof. Yupesh Kumar	Impact of British rule in Chhattisgarh, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
42	31-03-2021	Workshop	Dr. Sunita Yadav	Sanskritik Rashtrawad ke Chintak Pandit Deen Dayal Upadhyay ka Ekam Manavvad, Turkish Online Journal of Quality Inquiry, ISSN No.-1309-6591	Cash	-	500
TOTAL							21,400.00

ACCOUNTANT
D.P. VIPRA COLLEGE,
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

DWARIKA PRASAD VIPRA COLLEGE, HIGH COURT ROAD, BILASPUR (C.G.)
SCHEDULE "D" : TRUST FUND A/C

SL. NO.	PARTICULARS	AMOUNT
OTHER FACULTIES		
A. RECEIPTS:		
1	Trust Fund Fee	7936858.00
	Less: Remitted	392284.00
	Total Trust Fund Receipts	7544574.00
B. EXPENSES:		
1	Function & Celebration Exps.	223692.00
2	Newspapers & Periodicals	12087.00
3	Other Trust Fund Expenses	387029.00
4	Seminar Expenses	486851.00
5	Sports Expenses	933127.00
6	Student Union Exps.	1748490.00
	Total Trust Fund Expenses	3791276.00
	Transferred to Trust Fund	3753298.00
ARTS FACULTY		
A. RECEIPTS:		
1	Trust Fund Fee	5775679.00
	Transferred to Trust Fund	5775679.00

SCHEDULE "E" : UNIVERSITY FUND A/C

SL. NO.	PARTICULARS	FEE REMITTED	FEE COLLECTED
OTHER FACULTIES			
1	University Fund Account	33619.00	326045.00
	Total	33619.00	326045.00
	Transferred to University Fund		292426.00
ARTS FACULTY			
1	University Fund Account	902262.00	966328.00
	Total	902262.00	966328.00
	Transferred to University Fund		64066.00



ACCOUNTANT
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PRINCIPAL
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Bilaspur (C.G.)

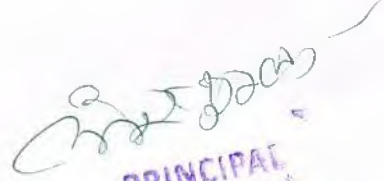
(14400)

D P VIPRA COLLEGE 2019-20
 Ledger Account : 1-Apr-2019 to 31-Mar-2020
 Date Particulars

		Vch Typo	Vch No.	Debit	Page 93 Credit
OTHERS (TRUST FUND)					
25-4-2019	To ADVANCES (OTHERS)	Payment	78	275.00	
26-4-2019	To ADVANCES (OTHERS)	Payment	83	1,880.00	
27-4-2019	To ADVANCES (OTHERS)	Journal	5	800.00	
29-4-2019	To ADVANCES (OTHERS)	Payment	85	1,437.00	
23-5-2019	To ADVANCES (OTHERS)	Payment	179	1,730.00	
	To EXAM. ADV. TO DR. ANJU SHUKLA	Payment	182	10,014.00	
25-5-2019	To ADVANCES (OTHERS)	Payment	191	430.00	
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	192	16,345.00	
27-5-2019	To ADVANCES (OTHERS)	Journal	18	4,425.00	
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	194	20,345.00	
28-5-2019	To ADVANCES (OTHERS)	Payment	196	1,395.00	
29-5-2019	To ADVANCES (OTHERS)	Payment	199	2,525.00	
4-6-2019	To Cash	Payment	229	3,475.00	
	To ADVANCES (OTHERS)	Payment	232	2,250.00	
6-6-2019	To ADVANCES (OTHERS)	Payment	246	1,500.00	
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	250	20,345.00	
7-6-2019	To ADVANCES (OTHERS)	Payment	251	1,300.00	
20-6-2019	To Cash	Payment	281	350.00	
	To ADVANCES (OTHERS)	Journal	24	1,190.00	
21-6-2019	To Cash	Payment	282	6,280.00	
	To ADVANCES (OTHERS)	Payment	287	100.00	
13-7-2019	To ADVANCES (OTHERS)	Payment	288	3,640.00	
	To ADVANCES (OTHERS)	Payment	423	1,770.00	
15-7-2019	To ADVANCES (OTHERS)	Payment	424	1,560.00	
	To ADVANCES (OTHERS)	Payment	425	1,355.00	
16-7-2019	To ADVANCES (OTHERS)	Payment	426	3,290.00	
18-7-2019	To ADVANCES (OTHERS)	Payment	451	260.00	
25-7-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	466	4,593.00	
5-8-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	503	11,000.00	
6-8-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	571	9,300.00	
8-8-2019	To ADVANCES (OTHERS)	Payment	591	7,700.00	
13-8-2019	To ADVANCES (OTHERS)	Payment	601	2,210.00	
14-8-2019	To ADVANCES (OTHERS)	Payment	603	5,602.00	
16-8-2019	To ADVANCES (OTHERS)	Payment	613	2,698.00	
17-8-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	616	5,344.00	
	To ADVANCES (OTHERS)	Payment	618	3,500.00	
	To ADVANCES (OTHERS)	Payment	619	5,670.00	
	To IMPREST A/C	Payment	620	2,620.00	
19-8-2019	To ADVANCES (OTHERS)	Payment	621	850.00	
	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	626	2,979.00	
	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	629	6,628.00	
20-8-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	630	3,500.00	
21-8-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	641	8,800.00	
28-8-2019	To SBI 10826091021	Payment	651	8,500.00	
9-9-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	661	49,025.00	
14-9-2019	To ADVANCES (OTHERS)	Payment	718	9,204.00	
		Payment	743	1,540.00	

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ACCOUNTANT
 D.P. VIPRA COLLEGE
 BILASPUR (C.G.)


PRINCIPAL
 D.P. Vipra College
 Bilaspur (C.G.)

D.P. VIPRA COLLEGE 2019-20

Ledger Account : 1-Apr-2019 to 31-Mar-2020

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
14-9-2019	To IMPREST A/C	Payment	744	3,928.00	
16-9-2019	To ADVANCES (OTHERS)	Payment	748	1,748.00	
	To IMPREST A/C	Payment	749	5,786.00	
17-9-2019	To ADVANCES (OTHERS)	Payment	759	2,324.00	
	To IMPREST A/C	Payment	760	3,004.00	
18-9-2019	To ADVANCES (OTHERS)	Payment	769	1,299.00	
	To IMPREST A/C	Payment	770	7,227.00	1700
19-9-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	776	2,705.00	
30-9-2019	To T.D.S.(INCOME TAX)	Payment	796	3,500.00	
1-10-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	798	8,000.00	
7-10-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	827	11,550.00	
23-10-2019	To SBI 10826091021	Payment	858	11,700.00	
24-10-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	871	2,100.00	
31-10-2019	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	919	11,000.00	4500
3-12-2019	To ADVANCES (OTHERS)	Payment	1003	250.00	129
	To IMPREST A/C	Journal	46	4,629.00	
4-12-2019	To ADVANCES (OTHERS)	Journal	49	988.00	500
5-12-2019	To IMPREST A/C	Journal	51	2,382.00	2000
2-1-2020	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	1132	25,000.00	
7-2-2020	To EXAM. ADV. TO DR. R.P. PANDEY	Journal	93	4,481.00	2500
17-2-2020	To Cash	Payment	1314	2,960.00	500
19-2-2020	To Cash	Payment	1329	400.00	3500
3-3-2020	To IMPREST A/C	Payment	1384	580.00	3500
11-3-2020	To IMPREST A/C	Payment	1441	3,817.00	
17-3-2020	To IMPREST A/C	Journal	117	300.00	
	To IMPREST A/C	Journal	118	3,842.00	
				3,87,029.00	3,87,029.00
By	Closing Balance			3,87,029.00	3,87,029.00

P.F. BANK DEPOSIT

1-4-2019	To Opening Balance			29,62,247.68	
30-4-2019	By P.F.PART/FINAL	Journal	6		2,54,177.00
	By P.F.PART/FINAL	Journal	7		1,25,393.95
31-10-2019	By P.F.PART/FINAL	Journal	40		2,41,000.00
31-3-2020	To P.F. INTEREST (BANK)	Journal	269	1,52,885.00	
				31,15,132.68	6,20,570.95
					24,94,561.73
By	Closing Balance			31,15,132.68	31,15,132.68

P.F. FIXED DEPOSIT

1-4-2019	To Opening Balance			35,97,912.00	
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7500
1700
4500
500
2000
2500
500
3500
3500

26200=00

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ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

D.P VIPRA COLLEGE
OLD HIGH COURT ROAD, BILASPUR, CHHATTISGARH
2019-20

Criteria : 6.3.2

Statement of Budgeted and Payment for the Financial Support to attend Conference/Workshops

Particulars	Amount
budgeted amount	27,000.00
actual expense	26,200.00

S.No.	Date	Workshop/ Conference	Name of Teacher	Adress of Workshop	Mode of Payment	Cheque no.	Amount
1	30-03-2020	Conference	Dr. Anju Shukla	(International Conference) "Samajik Samrashata aur Gandhi", Navyug Arts and Commerce College, Jabalpur (M.P.)	Cash	-	700.00
2	30-03-2020	Workshop	Dr. Sanjay Tiwari	(NAAC Awareness workshop) "Quality & Excellence in Higher Education", Bilaspur University, Bilaspur (C.G.)	Cash	-	500.00
3	30-03-2020	Workshop	Dr. K. K. Sharma	Bilaspur Jile ke Kota Vikaskhand ke Sarvekshit Gramo me Swarna Jayanti Gram Swarojgar Yojana se Prabhavit ewam Aprabhavit Anusuchit Janjati ke Aay Shrot ewam Aay Star ke Vishesh Sandarbh me Ek Adhyayan, Naveen Shodh Sansar, ISSN 2320-8767	Cash	-	500.00
4	30-03-2020	Workshop	Dr. Manish Tiwari	Removal Of Heavy Metal Ions By Silver Nano Particles In Nivoco Cement Plan Parsada District Janjgir Champa Chhattisgarh, Wesleyan Journal of Research, ISBN 0975-1386	Cash	-	500.00
5	30-03-2020	Workshop	Dr. Rashmi Sharma	Bauddh Center Bhogapal Bastar, Wesleyan Journal of Research, ISSN 0975-1386	Cash	-	500.00

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6	30-03-2020	Seminar	Prof. Volga Vyas	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
7	30-03-2020	Seminar	Prof. Snehlata Mishra	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
8	30-03-2020	Seminar	Prof. Bharti Sahu	(National Seminar) "Innovation in Business : Opportunies and Challenges", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
9	30-03-2020	Seminar	Dr. Sunita Yadav	(National Seminar) "Good Governance and Transparency in India: In The Present Context", Govt. P.D. College, Raigarh (C.G.)	Cash	-	500.00
10	30-03-2020	Seminar	Prof. Rajani Kujur	(National Seminar) "Dakshin Kosal ka Itihas", Guru Ghasidas Central University, Bilaspur (C.G.)	Cash	-	500.00
11	30-03-2020	Conference	Prof Gurudeo Kumar	(National Conference) "Relevance of Gandhiyan Thoughts in Present Scenario", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
12	30-03-2020	Seminar	Dr. Shikha Pahare	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
13	30-03-2020	Seminar	Prof. Niraj Soni	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
14	30-03-2020	Workshop	Dr. Sushma Sharma	Investigative Journalism-Problem Challenge & Future, Wesleyan Journal of Research, ISBN 0975-1386 .	Cash	-	500.00
15	30-03-2020	Seminar	Prof. Toshima Mishra	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
16	30-03-2020	Seminar	Prof. Bhagwat Kaushik	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
17	30-03-2020	Seminar	Prof Sapna Mishra	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
18	30-03-2020	Seminar	Prof. Anupama Pandey	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
19	30-03-2020	Conference	Prof. Archana Singh Thakur	(National Conference) "Relevance of Gandhiyan Thoughts in Present Scenario"	Cash	-	500.00
20	30-03-2020	Seminar	Prof. Pradeep Jaiswal	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
21	30-03-2020	Seminar	Prof. Reena Tamrakar	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

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22	30-03-2020	Conference	Dr. M. L. Jaiswal	(National Conference) "Relevance of Gandhian Thoughts in Present Scenario"	Cash	-	500.00
23	30-03-2020	Conference	Dr. Vivek Ambalkar	(National Conference) "Relevance of Gandhian Thoughts in Present Scenario", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
24	30-03-2020	Conference	Prof. Jayanta Roy	(National Conference) "Relevance of Gandhian Thoughts in Present Scenario", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
25	30-03-2020	Workshop	Prof. Motilal Patle	The Study of medicinal uses of underground plant part of Bilaspur District (C.G.), Wesleyan Journal of Research, 0975-1386	Cash	-	500.00
26	30-03-2020	Seminar	Prof. Neelima kesharwani	(National Seminar) "Innovation in Business: Opportunities and Challenges", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
27	30-03-2020	Seminar	Prof. Varsha Rani Dubey	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
28	30-03-2020	Seminar	Dr. Oorja Ranjan Sinha	(National Seminar) "Feminism and Women Empowerment: Pathways to Gender Equality", P.D. College, Raigarh (C.G.)	Cash	-	500.00
29	30-03-2020	Conference	Prof. A Shriram	(National Conference) "Relevance of Gandhian Thoughts in Present Scenario", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
30	30-03-2020	Seminar	Prof. Neha Meghani	(National Seminar) "Recent Trends in Environmental Issues", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
31	30-03-2020	Conference	Dr. R.N. Yadav	(National Conference) "Bhartiya Shiksha aur Gandhi Ji", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
32	30-03-2020	Conference	Prof. Kiran Dubey	(National Conference) "Gandhi Ji Ke Vicharo Ke Vibhinn Aayam", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
33	30-03-2020	Seminar	Prof. Abha Tiwari	(National Seminar) "Vyapar Ke Nawachar Ka Gramin Striyo Par Prabhav", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
34	30-03-2020	Conference	Dr. M.S. Tamboli	(National Conference) "Gandhi Ji Ke Vicharo Ke Vibhinn Aayam", D.P. Vipra College, Bilaspur (C.G.)	Cash	-	500.00
35	30-03-2020	Conference	Prof. Varsha Singh	(International Conference) "Innovative Research In Science, Management And Technology", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	700.00
36	30-03-2020	Conference	Prof. Vishwas Victor	(International Conference) "Innovative Research In Science, Management And Technology", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	700.00

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BILASPUR (C.G.)

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37	30-03-2020	Workshop	Prof., Rupendra Sharma	Online Education Vs Primary Education, Wesleyan Journal of Research, ISBN 0975-1386	Cash	-	500.00
38	30-03-2020	Seminar	Dr. Suruchi Mishra	(National Seminar) "Vartman shiksha pradali me hindi ki upeksha ke karan", Saint Alosious College, Jabalpur (M.P.)	Cash	-	500.00
39	30-03-2020	Workshop	Prof. Shriti Somvanshi	Acute Effect Of Mercuric Chloride Exposure In The Freshwater Fish Gambusia Affinis, Wesleyan Journal of Research, ISBN 0975-1386 .	Cash	-	500.00
40	30-03-2020	Workshop	Dr. Smriti Rani Prakash	Pt. Deen Dayal Upadhyay Nationalism Integralism Thoughts, Wesleyan Journal of Research, ISSN 0975-1386 .	Cash	-	500.00
41	30-03-2020	Workshop	Prof. Nidhish Chaubey	Study Of Smart Piezoelectric Materials: LITERATURE REVIEW	Cash	-	500.00
42	30-03-2020	Workshop	Prof. Deepak Tiwari	Water Quality Status Of Kusmunda, Wesleyan Journal of Research, ISSN 0975-1386	Cash	-	500.00
43	30-03-2020	Conference	Dr. Renu Nayar	(International Conference) "Materials for Environment", Govt. VYT P.G. College, Durg (C.G.)	Cash	-	700.00
44	30-03-2020	Seminar	Dr. Sadhana Shome	(International Seminar) "Right to Education", Govt. T.C.L. P.G. College, Janjgir (C.G.)	Cash	-	700.00
45	30-03-2020	Workshop	Dr. Ashutosh Pandey	New Crypto System, Wesleyan Journal of Research, ISSN 0975-1386	Cash	-	500.00
46	30-03-2020	Workshop	Prof. Anju Halwai	Books The Create Humanity, Wesleyan Journal of Research, ISSN 0975-1386	Cash	-	500.00
47	30-03-2020	Workshop	Prof. Shishir Shukla	A Study On Tribes Of Chhattisgarh, Wesleyan Journal of Research ISSN 0975-1386	Cash	-	500.00
48	30-03-2020	Workshop	Dr. Ashish Sharma	Thoughts & Philosophy Of Hazari Prasad Dwivedi, Wesleyan Journal of Research ISSN 0975-1386	Cash	-	500.00
49	30-03-2020	Workshop	Dr. Khagendra Soni	The Effect Of (GST) In Indian Economy, Wesleyan Journal of Research, ISSN 0975-1386	Cash	-	500.00
50	30-03-2020	Conference	Prof. Richa Handa	(International Conference) "ICIRSMT", Atal Bihari Vajpayee University, Bilaspur (C.G.)	Cash	-	700.00
TOTAL							26200.00

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

DWARIKA PRASAD VIPRA COLLEGE, HIGH COURT ROAD, BILASPUR (C.G.)
SCHEDULE "D" : TRUST FUND A/C

SL. NO.	PARTICULARS	AMOUNT
OTHER FACULTIES		
A. RECEIPTS:		
1	Trust Fund Fee	5887385.00
2	Other (Trust Fund)	36263.00
	Total Trust Fund Receipts	5923648.00
B. EXPENSES:		
1	Function & Celebration Exps.	111077.00
2	Newspapers & Periodicals	8166.00
3	Parishad Expenses	15551.00
4	Seminar Expenses	29023.00
5	Sports Expenses	607718.00
6	Student Union Exps.	701637.00
7	Yuva Utsav & Othr Trust Fund	381095.00
	Total Trust Fund Expenses	1854267.00
	Transferred to Trust Fund	4069381.00
ARTS FACULTY		
A. RECEIPTS:		
1	Trust Fund Fee	5623729.00
	Transferred to Trust Fund	5623729.00

SCHEDULE "E" : UNIVERSITY FUND A/C

SL. NO.	PARTICULARS	FEE REMITTED	FEE COLLECTED
OTHER FACULTIES			
1	University Fund Account	932935.00	1074392.00
	Total	932935.00	1074392.00
	Transferred to University Fund		141457.00
ARTS FACULTY			
1	University Fund Account	139054.00	139054.00
	Total	139054.00	139054.00
	Transferred to University Fund		0.00

(Signature)

In. PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)



ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

(Signature)
PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

Date	Particulars	Vch Type	Vch No.	Debit	Credit
13-3-2019	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	771		4.00
	To Closing Balance			31,85,212.00	
				31,85,212.00	31,85,212.00

OTHER INCOME

24-5-2018	By Cash	Receipt	64	17,000.00
7-6-2018	By Cash	Receipt	97	5,000.00
25-6-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	123	500.00
26-6-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	127	297.98
8-8-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	277	3,252.42
13-8-2018	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	287	500.00
28-8-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	319	3,490.00
1-9-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	337	500.00
20-9-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	372	500.00
15-10-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	408	1,878.88
23-10-2018	By Cash	Receipt	423	8,780.00
14-11-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	482	3,417.00
15-11-2018	By Cash	Receipt	483	10,943.00
16-11-2018	By Cash	Receipt	486	5,000.00
17-11-2018	By Cash	Receipt	493	3,384.00
	By Cash	Receipt	494	3,570.00
1-12-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	518	500.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	519	500.00
15-1-2019	By Cash	Receipt	635	15,000.00
29-1-2019	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	680	500.00
16-2-2019	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	724	1,088.00
1-3-2019	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	758	500.00
16-3-2019	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	775	4,363.00
20-3-2019	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	776	500.00
	By Cash	Receipt	777	780.00
30-3-2019	By RED CROSS A/C	Journal	165	93,879.00
	To Closing Balance			1,85,601.08
				1,85,601.08

OTHERS (TRUST FUND)

7-4-2018	To ADVANCES (OTHERS)	Journal	5	500.00
8-5-2018	To Cash	Payment	166	5,760.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	171	4,998.00
14-5-2018	To Cash	Payment	187	3,510.00
18-5-2018	To Cash	Payment	206	40.00
25-5-2018	To ADVANCES (OTHERS)	Payment	215	2,625.00
26-5-2018	To Cash	Payment	216	360.00
30-5-2018	To Cash	Payment	222	1,298.00
	To Cash	Payment	223	2,890.00
31-5-2018	To Cash	Payment	225	1,614.00

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ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
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D P VIPRA COLLEGE 2018-19

Ledger Account : 1-Apr-2018 to 31-Mar-2019

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Credit

Date	Particulars	Vch Type	Vch No	Debit	Credit
31-5-2018	To Cash	Payment	228	2,242.00	
1-6-2018	To Cash	Payment	232	202.00	
5-6-2018	To ADVANCES (OTHERS)	Journal	32	2,020.00	
	To ADVANCES (OTHERS)	Journal	33	2,000.00	
7-6-2018	To Cash	Payment	240	1,000.00	
14-6-2018	To ADVANCES (OTHERS)	Journal	40	3,105.00	
15-6-2018	To ADVANCES (OTHERS)	Journal	41	2,400.00	
19-6-2018	To Cash	Payment	263	655.00	
23-6-2018	To ADVANCES (OTHERS)	Journal	43	1,207.00	
9-7-2018	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	346	2,855.00	
14-7-2018	To ADVANCES (OTHERS)	Journal	50	2,307.00	
19-7-2018	By Employees Welfare Exps.	Journal	53		3.00
	By Employees Welfare Exps.	Journal	54		3.00
	To ADVANCES (OTHERS)	Journal	56	7,631.00	
26-7-2018	To Cash	Payment	395	2,000.00	
30-7-2018	To ADVANCES (OTHERS)	Journal	62	8,714.00	
31-7-2018	To Cash	Payment	408	3,224.00	
2-8-2018	To ADVANCES (OTHERS)	Journal	64	7,973.00	
3-8-2018	To ADVANCES (OTHERS)	Journal	65	2,172.00	
7-8-2018	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	271		8,800.00
	By SBI CURRENT A/C NO. 36730735904	Receipt	272		403.00
9-8-2018	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	280		14,886.00
	By SBI CURRENT A/C NO. 36730735904	Receipt	281		11.00
10-8-2018	To ADVANCES (OTHERS)	Journal	66	3,024.00	
	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	285		7,016.00
	By SBI CURRENT A/C NO. 36730735904	Receipt	286		403.00
14-8-2018	To ADVANCES (OTHERS)	Journal	67	5,299.00	
20-8-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	288		240.00
21-8-2018	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	301		3,000.00
	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	303		250.00
23-8-2018	To ADVANCES (OTHERS)	Payment	457	3,030.00	
	To ADVANCES (OTHERS)	Payment	458	10,817.00	
	By UNITED BANK CURRENT A/C NO. 1539050002554	Receipt	306		240.00
24-8-2018	To ADVANCES (OTHERS)	Payment	460	2,390.00	
12-9-2018	To ADVANCES (OTHERS)	Journal	70	6,368.00	
13-9-2018	To ADVANCES (OTHERS)	Journal	71	4,874.00	
26-9-2018	To ADVANCES (OTHERS)	Payment	549	3,238.00	
	To ADVANCES (OTHERS)	Payment	550	5,242.00	
27-9-2018	To ADVANCES (OTHERS)	Payment	552	1,200.00	
	To ADVANCES (OTHERS)	Journal	73	2,259.00	
9-10-2018	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	609	8,370.00	
11-10-2018	To ADVANCES (OTHERS)	Payment	617	6,535.00	
	To ADVANCES (OTHERS)	Payment	618	8,005.00	
12-10-2018	To ADVANCES (OTHERS)	Journal	77	6,000.00	
30-10-2018	To SBI 10826091021	Payment	656	51,150.00	
31-10-2018	To SBI 10826091021	Payment	660	9,000.00	
1-11-2018	To ADVANCES (OTHERS)	Payment	682	2,365.00	
	To ADVANCES (OTHERS)	Payment	683	4,191.00	
2-11-2018	To ADVANCES (OTHERS)	Journal	95	1,658.00	

... continued

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

Date	Particulars	Vch Type	Vch No.	Debit	Credit
		Payment	677	399.00	
2-11-2018	To ADVANCES (OTHERS)	Payment	699	10,001.00	
6-11-2018	To ADVANCES (OTHERS)	Payment	714	3,529.00	
24-11-2018	To ADVANCES (OTHERS)	Payment	715	1,614.00	
	To ADVANCES (OTHERS)	Payment	734	416.00	
1-12-2018	To ADVANCES (OTHERS)	Payment	735	4,162.00	
	To ADVANCES (OTHERS)	Payment	739	1,740.00	
3-12-2018	To ADVANCES (OTHERS)	Journal	114	610.00	
11-12-2018	To ADVANCES (OTHERS)	Payment	780	2,988.00	
	To ADVANCES (OTHERS)	Payment	805	6,063.00	
20-12-2018	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	818	5,353.00	
22-12-2018	To UNITED BANK CURRENT A/C NO. 1539050002554	Payment	828	756.00	
31-12-2018	To Cash	Payment	829	750.00	
	To ADVANCES (OTHERS)	Payment	832	1,100.00	
1-1-2019	To Cash	Payment	833	4,092.00	
	To ADVANCES (OTHERS)	Payment	837	720.00	
2-1-2019	To Cash	Payment	838	3,182.00	
	To ADVANCES (OTHERS)	Payment	927	1,856.00	
16-1-2019	To ADVANCES (OTHERS)	Payment	931	3,725.00	
17-1-2019	To ADVANCES (OTHERS)	Payment	933	3,055.00	
18-1-2019	To ADVANCES (OTHERS)	Payment	952	525.00	
25-1-2019	To ADVANCES (OTHERS)	Payment	958	1,470.00	
28-1-2019	To ADVANCES (OTHERS)	Payment	977	1,115.00	
29-1-2019	To ADVANCES (OTHERS)	Journal	127	2,602.00	
30-1-2019	To ADVANCES (OTHERS)	Payment	992	2,539.00	
31-1-2019	To ADVANCES (OTHERS)	Payment	1074	1,000.00	
15-2-2019	To Cash	Payment	1090	1,278.00	
16-2-2019	To Cash	Payment	1091	1,495.00	
	To ADVANCES (OTHERS)	Payment	1099	900.00	
18-2-2019	To ADVANCES (OTHERS)	Payment	1101	590.00	
19-2-2019	To ADVANCES (OTHERS)	Payment	1151	860.00	
7-3-2019	To ADVANCES (OTHERS)	Payment	1167	1,000.00	
8-3-2019	To Cash	Payment	1173	25,010.00	
	To ADVANCES (OTHERS)	Payment	1194	1,050.00	
13-3-2019	To Cash	Payment	1218	20,845.00	
18-3-2019	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	1219	16,845.00	
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	1245	25,000.00	
27-3-2019	To UNITED BANK OF INDIA A/C NO. 1539010001182			3,81,095.00	36,263.00
					3,44,832.00
				3,81,095.00	3,81,095.00

By Closing Balance

PARISAD EXPS.

5-4-2018	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	33	3,725.00
27-6-2018	To ADVANCES (OTHERS)	Journal	47	2,650.00
25-7-2018	To ADVANCES (OTHERS)	Journal	60	1,377.00
10-8-2018	To ADVANCES (OTHERS)	Payment	445	4,670.00

... continue

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

5500

2500

2000

2500

2000

2200

1000

700

1000

1000

20400=00

D.P VIPRA COLLEGE
OLD HIGH COURT ROAD, BILASPUR, CHHATTISGARH
2018-19

Criteria : 6.3.2

Statement of Budgeted and Payment for the Financial Support to attend Conference/Workshops

Particulars	Amount
budgeted amount	22,400.00
actual expense	20,400.00

S.No.	Date	Workshop/ Conference	Name of Teacher	Adress of Workshop	Mode of Payment	Cheque no.	Amount
1	20-03-2019	Conference	Dr. Anju Shukla	(International Conference) "Chhattisgarh Ki Krishi Vyawastha Ka Samajshastriy Adhyayan", G.S. College, Jabalpur (M.P.)	Cash	-	700.00
2	20-03-2019	Workshop	Dr. Sadhana Shome	Bal Shram Ek Abhishap (vartaman Paripechh me), Research Digest, ISSN 0973-6387	Cash	-	500.00
3	20-03-2019	Workshop	Dr. S. K. Tiwari	An Overview Of Asian English Literature, Research Digest, ISSN 0973-6387	Cash	-	500.00
4	20-03-2019	Workshop	Dr. M. L. Jaiswal	Phytoplankton Population Of Bandhawa Pond Water Of Kota, Research Digest, ISSN 0973-6387	Cash	-	500.00
5	20-03-2019	Workshop	Dr. Sushma Sharma	Bharat me Cyber Apradh ewam Roktham hetu apnaye gaye Upay- Ek Samajshastriya Vishleshan, Research Digest, ISSN 0973-6387	Cash	-	500.00
6	20-03-2019	Workshop	Dr. Renu Nayar	Environmental remediation by Iron Nanotechnology: Applications for Wastewater Treatment, Research Digest, ISSN 0973-6387	Cash	-	500.00
7	20-03-2019	Workshop	Dr. Vivek Ambalkar	Study Of Deposition And Characterization Of Ga-n Co-doped Zno Thin Films, Research Digest, ISSN 0973-6387	Cash	-	500.00

ACCOUNTANT
D.P. VIPRA COLLEGE

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)


8	20-03-2019	Workshop	Dr. Oorja Ranjan Sinha	How to Alphabets determine spelling and Pronunciation, IJAEMA, ISBN-0886-9367	Cash	-	500.00
9	20-03-2019	Workshop	Dr. Jayanta Roy	Changing Retail Business From Traditional To Modern Trade In India, Research Digest, ISSN 0973-6387	Cash	-	500.00
10	20-03-2019	Workshop	Dr. Shikha Pahare	Nutritional Requirement Of Some Keratinophilic Fungi, Research Digest, ISSN 0973-6387	Cash	-	500.00
11	20-03-2019	Seminar	Dr. Sunita Yadav	(National Seminar) "Bharat me Rahjneeti Ka Aparadhikaran: Swaroop Awam Nidan", K.G. college, Raigarh (C.G.)	Cash	-	500.00
12	20-03-2019	Workshop	Prof. A. Shri Ram	Innovations In Micro-finance, Research Digest, ISSN 0973-6387	Cash	-	500.00
13	20-03-2019	Conference	Prof. Vishwas Victor	(National Conference) "Advance In Computer Science And Information Technology, Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Cash	-	500.00
14	20-03-2019	Conference	Dr. Manish Tiwari	(International Conference) "Multifunctional Advanced Materials", KN College, Nagpur (Maharashtra)	Cash	-	700.00
15	20-03-2019	Workshop	Prof. Toshima Mishra	Pineal Gland and its secretion, Research Digest, ISSN 0973-6387	Cash	-	500.00
16	20-03-2019	Workshop	Prof. Shriti Somvanshi	Effect of Mercuric Chloride on the Gonads (Ovary) in Gambusia affinis, Research Digest, ISSN 0973-6387	Cash	-	500.00
17	20-03-2019	Workshop	Prof. Snehlata Mishra	Differential Equations And It's Applications, Research Digest, ISSN 0973-6387	Cash	-	500.00
18	20-03-2019	Workshop	Prof. Ashutosh Pandey	Differential Equations And It's Applications, Research Digest, ISBN 0973-6387	Cash	-	500.00
19	20-03-2019	Workshop	Prof. Pradeep Jaiswal	Water Pollution And Treatment In Village In Sonsary In Janjgir Champa (c.g.), Research Digest, ISSN 0973-6387	Cash	-	500.00
20	20-03-2019	Workshop	Prof. Mayank Chandra	Water Pollution And Treatment In Village In Sonsary In Janjgir Champa (c.g.), Research Digest, ISSN 0973-6387	Cash	-	500.00
21	20-03-2019	Conference	Dr. Suruchi Mishra	(National Conference) "Suchna Prodyogiki Me Hindi Ki Upadeyata", Vikram University, Ujjain (M.P.)	Cash	-	500.00
22	20-03-2019	Workshop	Prof. Anju Halwai	Films: Its Effect On Human Psyche, Research Digest, ISSN 0973-6387	Cash	-	500.00

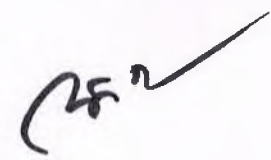
23	20-03-2019	Workshop	Dr. Taru Tiwari	I.C.T. in History, Research Digest, ISSN 0973-6387	Cash	-	500.00
24	20-03-2019	Seminar	Dr. R.N. Yadav	(National Seminar) "Smart City- Bilaspur Nagar ke Sandarbh me", Govt. D.B. Girls P.G. Autonomous College, Raipur (C.G.)	Cash	-	500.00
25	20-03-2019	Workshop	Prof. Jharna Patel	Indian Culture And Tradition, Research Digest, ISSN 0973-6387	Cash	-	500.00
26	20-03-2019	Seminar	Prof. Abha Tiwari	(National Seminar) "Bharat ki Videsh Niti Me Rajnay Ka Swarup", Pandit Jawaharlal Nehru Mahavidyalaya, Aurangabad (M.S.), India	Cash	-	500.00
27	20-03-2019	Workshop	Dr. Ashish Sharma	Stage Adoptability of the plays of Jai Shankar Prasad, Research Digest, ISSN 0973-6387	Cash	-	500.00
28	20-03-2019	Seminar	Dr. M.S. Tamboli	(National Seminar) "Bhartiya Pradesh Niti Ka Vartman Swarup", Pt. Jawaharlal Nehru, Mahavidyalaya, Aurangabad (M.S.), India	Cash	-	500.00
29	20-03-2019	Workshop	Prof. Niraj Soni	A Study On Effect Of Bioactive Compounds On Human Health, Research Digest, ISSN 0973-6387	Cash	-	500.00
30	20-03-2019	Workshop	Dr. Subhaja Pandey	A Study On Effect Of Bioactive Compounds On Human Health, Research Digest, ISSN 0973-6387	Cash	-	500.00
31	20-03-2019	Workshop	Dr. K. B. Singh	Harbal me Utpadan kasamajik ewam Sanskritik Jeewan Star par Prabhav, Research Digest, ISSN 0973-6387	Cash	-	500.00
32	20-03-2019	Workshop	Dr. Khagendra Soni	Vartaman Shiksha me Navachar, Research Digest, ISSN 0973-6387	Cash	-	500.00
33	20-03-2019	Workshop	Prof. Kiran Dubey	Budget ka Mahatva-Desh ke Arthik Vikas ke Liye, Research Digest, ISSN 0973-6387	Cash	-	500.00
34	20-03-2019	Workshop	Prof. Rupendra Sharma	Bahagwat Geet ka Rajnitik Darshan, Research Digest, ISSN 0973-6387	Cash	-	500.00
35	20-03-2019	Workshop	Prof. Gendlal Banjare	Audyogikaran ka Samaj Par Prabhav- Janjgir Champa jile ke Vishesh Sandarbh me, Research Digest, ISSN 0973-6387	Cash	-	500.00
36	20-03-2019	Workshop	Prof. Reena Tamrakar	Audyogikaran ka Samaj Par Prabhav- Janjgir Champa jile ke Vishesh Sandarbh me, Research Digest, ISSN 0973-6387	Cash	-	500.00
37	20-03-2019	Workshop	Prof. Archana Singh Thakur	Mahila Shiksha Aur Vikas, Research Digest, ISSN 0973-6387	Cash	-	500.00


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

38	20-03-2019	Workshop	Dr. Vimal Patel	Bhugol me Nariwad, Research Digest,ISSN 0973-6387	Cash	-	500.00
39	20-03-2019	Workshop	Dr. Rashmi Sharma	Boddh Dharm ka Vikas- Chhattisgarh ke Sandarbh me, Research Digest,ISSN 0973-6387	Cash	-	500.00
40	20-03-2019	Seminar	Prof. Richa Handa	(Seminar/Workshop) "MATLAB",KN College, Korba (C.G.)	Cash	-	500.00
TOTAL							20400.00


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)



Date

Particulars

Vch Type

Vch No.

Debit

Credit

OTHER INCOME

4-4-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	3		9,750.00
6-4-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	7		500.00
8-4-2017	By Cash	Receipt	12		1,000.00
11-4-2017	By Cash	Receipt	16		1,000.00
	By Cash	Receipt	17		1,000.00
12-4-2017	By Cash	Receipt	20		1,000.00
13-4-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	22		500.00
	By Cash	Receipt	23		1,000.00
18-4-2017	By Cash	Receipt	28		5,244.00
12-5-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	49		500.00
16-5-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	57		500.00
	By Cash	Receipt	68		75.00
30-5-2017	By Cash	Receipt	74		187.00
6-6-2017	By RAIN WATER HARVESTING	Payment	344		10.00
15-6-2017	By SBI C/A NO. 36730736904	Receipt	00		100.78
17-6-2017	By SBI C/A NO. 36730736904	Receipt	03		89.77
5-7-2017	To ADVANCES (OTHERS)	Payment	403	202.00	
	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	134		2,621.00
20-7-2017	By Cash	Receipt	178		1,100.00
25-7-2017	By Cash	Receipt	108		3,000.00
11-8-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	288		500.00
12-8-2017	By SBI C/A NO. 36730736904	Receipt	208		1.00
24-8-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	335		500.00
8-9-2017	By Cash	Receipt	400		2,000.00
25-9-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	453		37,539.00
28-11-2017	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	030		500.00
6-2-2018	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	043		500.00
16-2-2018	By UNITED BANK OF INDIA A/C NO. 1530010001102	Receipt	055		500.00
30-3-2018	By RED CROSS A/C	Journal	182		1,21,950.00
	To ENVOIRMENT FEES	Journal	183	7,457.00	
31-3-2018	To SUVEDHA SHULK	Journal	328	4,000.00	
				11,859.00	1,93,267.53
To Closing Balance				1,81,808.53	
				1,93,267.53	1,93,267.53

OTHERS (TRUST FUND)

8-4-2017	By Cash	Receipt	13		4,200.00
10-4-2017	To UNITED BANK OF INDIA A/C NO. 1530010001102	Payment	27	10,000.00	
	By Cash	Receipt	14		780.00
11-4-2017	By Cash	Receipt	18		11,440.00
12-4-2017	By Cash	Receipt	21		35,910.00
13-4-2017	By Cash	Receipt	24		41,630.00
15-4-2017	By Cash	Receipt	25		16,030.00
17-4-2017	By Cash	Receipt	26		22,720.00
18-4-2017	By Cash	Receipt	29		4,170.00
19-4-2017	By Cash	Receipt	30		7,600.00

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ACCOUNTANTD.P. VIPRA COLLEGE
BILASPUR (C.G.)**PRINCIPAL**

D.P. Vipra College

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D P VIPRA COLLEGE 2017-18

Ledger Account : 1-Apr-2017 to 31-Mar-2018

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
21-4-2017	By Cash	Receipt	31		7,590.00
24-4-2017	By Cash	Receipt	33		4,650.00
25-4-2017	To ADVANCES (OTHERS)	Payment	84	9,290.00	
15-5-2017	By Cash	Receipt	55		5,170.00
16-5-2017	By Cash	Receipt	59		240.00
17-5-2017	By Cash	Receipt	81		2,540.00
23-5-2017	By Cash	Receipt	66		7,050.00
5-6-2017	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	339	8,210.00	
17-6-2017	By Cash	Receipt	02		4,000.00
19-6-2017	By Cash	Receipt	94		10.00
20-6-2017	By Cash	Receipt	90		4,000.00
22-6-2017	By Cash	Receipt	101		2,403.00
23-6-2017	By Cash	Receipt	102		20.00
24-6-2017	By Cash	Receipt	104		3.00
27-6-2017	To ADVANCES (OTHERS)	Journal	31	8,130.00	
	By Cash	Receipt	110		1,250.00
28-6-2017	By Cash	Receipt	115		441.00
29-6-2017	By Cash	Receipt	118		5,257.00
30-6-2017	By Cash	Receipt	121		3.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	122		511.00
4-7-2017	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	398	15,850.00	
5-7-2017	To ADVANCES (OTHERS)	Journal	35	780.00	
	To ADVANCES (OTHERS)	Payment	403	5,552.00	
	By Cash	Receipt	132		3.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	133		21.00
6-7-2017	By Cash	Receipt	135		3.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	136		426.00
7-7-2017	By Cash	Receipt	139		403.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	140		8.00
8-7-2017	By Cash	Receipt	143		403.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	144		24.00
10-7-2017	By Cash	Receipt	147		7,806.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	148		39.00
11-7-2017	By SBI C/A NO. 36730735904	Receipt	151		416.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	152		27.00
12-7-2017	By SBI C/A NO. 36730735904	Receipt	156		406.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	157		435.00
13-7-2017	To ADVANCES (OTHERS)	Payment	428	4,502.00	
	By SBI C/A NO. 36730735904	Receipt	159		914.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	160		447.00
14-7-2017	By Cash	Receipt	162		2,000.00
	By SBI C/A NO. 36730735904	Receipt	163		6.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	164		3,287.00
18-7-2017	By UNITED BANK C/A NO. 1539050002554	Receipt	174		1.00
19-7-2017	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	450	3,880.00	
	To ADVANCES (OTHERS)	Payment	451	5,493.00	
	By SBI C/A NO. 36730735904	Receipt	176		403.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	177		865.00
20-7-2017	By SBI C/A NO. 36730735904	Receipt	180		817.00

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ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

DWARIKA PRASAD VIPRA COLLEGE, HIGH COURT ROAD, BILASPUR (C.G.)
SCHEDULE "D" : TRUST FUND A/C

SL. NO.	PARTICULARS	AMOUNT
OTHR FACULTIES		
A. RECEIPTS:		
1	Trust Fund Fee	5830879.00
2	Other (Trust Fund)	3548672.41
	Total Trust Fund Receipts	9379551.41
B. EXPENSES:		
1	Function & Celebration Exps.	109191.00
2	Newspapers & Periodicals	12076.00
3	Parishad Expenses	13792.00
4	Seminar Expenses	15534.00
5	Sports Expenses	49306.00
6	Student Union Exps.	788064.00
7	Yuva Utsav (Trust Fund)	2218.00
8	Other (Trust Fund) Exps.	217604.00
9	Trust Fund Expenses	2136.00
	Total Trust Fund Expenses	1209921.00
	Transferred to Trust Fund	8169630.41
ARTS FACULTIES		
A. RECEIPTS:		
1	Trust Fund Fee	2,503,492.00
	Less: Expenses	430.00
	Transferred to Trust Fund	2503062.00

SCHEDULE "E" : UNIVERSITY FUND A/C

SL. NO.	PARTICULARS	EXPENSES INCURRED	FEE COLLECTED
OTHR FACULTIES			
1	University Fund Account	229959.00	1179874.00
	Total	229959.00	1179874.00
	Transferred to University Fund		949915.00
ARTS FACULTIES			
1	University Fund Account	170049.00	2902630.00
	Total	170049.00	2902630.00
	Transferred to University Fund		2729231.00

In. PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)



ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

S.N

Follow
during
suppor

D P VIPRA COLLEGE 2017-18

Ledger Account : 1-Apr-2017 to 31-Mar-2018

Page 97

Date	Particulars	Vch Type	Vch No.	Debit	Credit
16-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	502		1,37,430.00
17-10-2017	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	705	300.00	
	By Cash	Receipt	503		2,515.00
23-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	508		45,900.00
	To ADVANCES (OTHERS)	Journal	76	3,134.00	
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	510		3,500.00
24-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	513		53,100.00
25-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	517		3,500.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	522		1,600.00
26-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	525		13,800.00
	By SBI C/A NO. 36730735904	Receipt	527		1,000.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	529		6,695.00
27-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	530		14,400.00
28-10-2017	By ADVANCE FEE-1182	Receipt	537		5,400.00
30-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Journal	79		1,800.00
31-10-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	544		11,400.00
2-11-2017	To ADVANCES (OTHERS)	Receipt	551		2,100.00
	By Cash	Journal	80	2,634.00	
6-11-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	556		5,200.00
8-11-2017	By UTBI-POS A/C	Receipt	568		2,100.00
9-11-2017	By UNITED BANK C/A NO. 1539050002554	Receipt	573		24.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	576		202.00
	By S.B.I.-POS A/C	Receipt	577		60.00
10-11-2017	By UNITED BANK C/A NO. 1539050002554	Receipt	578		24.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	581		25,690.00
	By S.B.I.-POS A/C	Receipt	582		5,181.00
11-11-2017	By ADVANCE FEE-2554	Receipt	583		127.00
	By S.B.I.-POS A/C	Receipt	586		1,683.00
	By ADVANCE FEE-1182	Receipt	587		189.00
13-11-2017	By UNITED BANK C/A NO. 1539050002554	Journal	86		94.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	591		4,668.00
	By S.B.I.-POS A/C	Receipt	592		338.00
14-11-2017	By Cash	Receipt	593		58.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	597		500.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	598		28.00
	By S.B.I.-POS A/C	Receipt	599		6,590.00
15-11-2017	By UNITED BANK C/A NO. 1539050002554	Receipt	600		36.00
17-11-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	604		8.00
18-11-2017	To ADVANCES (OTHERS)	Receipt	610		17,400.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Journal	87	750.00	
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	780	600.00	
20-11-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	612		16,500.00
22-11-2017	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	614		3,600.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	619		2.00
24-11-2017	To ADVANCES (OTHERS)	Receipt	620		1.00
	By UNITED BANK C/A NO. 1539050002554	Journal	91	769.00	
28-11-2017	By UNITED BANK C/A NO. 1539050002554	Receipt	627		8.00
29-11-2017	By UNITED BANK C/A NO. 1539050002554	Receipt	639		4.00
	By UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	641		9.00

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ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

VIPRA COLLEGE 2017-18
 Ledger Account : 1-Apr-2017 to 31-Mar-2018

Date	Particulars	Vch Type	Vch No.	Dobit	Credit
24-2-2018	By Cash	Receipt	091		110.00
	By ADVANCE FEE-2654	Journal	156		14,610.00
26-2-2018	By Cash	Receipt	093		2,810.00
	By Cash	Receipt	005		1,490.00
27-2-2018	By UNITED BANK C/A NO. 1539050002554	Receipt	900		1,000.00
	By Cash	Receipt	007		55,180.00
	By Cash	Receipt	908		1,880.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	1000		930.00
28-2-2018	By UNITED BANK C/A NO. 1539050002554	Receipt	1001		800.00
	By Cash	Receipt	1002		25,770.00
	By Cash	Receipt	1003		700.00
	By Cash	Receipt	1004		200.00
1-3-2018	By UNITED BANK C/A NO. 1539050002554	Receipt	1006		860.00
	By Cash	Receipt	1007		450.00
	By Cash	Receipt	1008		13,770.00
3-3-2018	By UNITED BANK C/A NO. 1539050002554	Receipt	1010		200.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	1011		120.00
	By Cash	Receipt	1012		2,200.00
	By UNITED BANK C/A NO. 1539050002554	Payment	1182	200.00	
	By S.B.I.-POS A/C	Receipt	1015		30.00
5-3-2018	To UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	1016		600.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Journal	157		3,530.00
	By Cash	Payment	1106	200.00	
	By Cash	Payment	1187	200.00	
	By Cash	Receipt	1019		720.00
6-3-2018	By UNITED BANK C/A NO. 1539050002554	Receipt	1021		1,000.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	1022		800.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	1023		14,200.00
	By Cash	Payment	1107	200.00	
	By Cash	Payment	1108	200.00	
	By UNITED BANK C/A NO. 1539050002554	Receipt	1027		560.00
7-3-2018	By UNITED BANK C/A NO. 1539050002554	Receipt	1028		520.00
	By Cash	Receipt	1029		7,800.00
8-3-2018	To ADVANCES (OTHERS)	Receipt	1031		9,990.00
	By Cash	Receipt	1032		80.00
	By UNITED BANK C/A NO. 1539050002554	Journal	161	1,673.00	
9-3-2018	By Cash	Receipt	1034		150.00
	By Cash	Receipt	1035		9,200.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	1036		220.00
12-3-2018	By Cash	Receipt	1037		20.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	1038		200.00
14-3-2018	By Cash	Receipt	1041		60.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	1042		1,200.00
	By UNITED BANK C/A NO. 1539050002554	Receipt	1045		40.00
16-3-2018	By Cash	Receipt	1046		8,300.00
17-3-2018	To ADVANCES (OTHERS)	Receipt	1051		40.00
28-3-2018	By S.B.I.-POS A/C	Journal	170	600.00	
		Journal	181	500	2.00

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ACCOUNTANT
 D.P. VIPRA COLLEGE
 BILASPUR (C.G.)

10000
 4400
 2500
 600
 500
 1500
 19500.00

PRINCIPAL
 D.P. Vipra College
 Bilaspur (C.G.)

D.P VIPRA COLLEGE
OLD HIGH COURT ROAD, BILASPUR, CHHATTISGARH
2017-18

Criteria : 6.3.2

Statement of Budgeted and Payment for the Financial Support to attend Conference/Workshops

Particulars	Amount
budgeted amount	20,200.00
actual expense	19,500.00

S.No.	Date	Workshop/ Conference	Name of Teacher	Adress of Workshop	Mode of Payment	Cheque no.	Amount
1	25-03-2018	Seminar	Dr. Anju Shukla	(National Seminar) "Bhartiya Sanskriti", Pt. Sundarlal Sharma University, Bilaspur (C.G.)	Cash	-	500.00
2	25-03-2018	Workshop	Dr. Sanjay Tiwari	(State Level Workshop) "Examination Reform: Digitization and Online Evaluation", Bilaspur University, Bilaspur (C.G.)	Cash	-	300.00
3	25-03-2018	Workshop	Dr. K. B. Singh	Bazar aur Rajkiy Hastchhepi Avashyakta, Research Digest, ISSN 0973-6387	Cash	-	500.00
4	25-03-2018	Seminar	Dr. Subhraj Pandey	(National Seminar) "Current Development of Environmental Science in Chhattisgarh State", C.G. Environmental Conservation Board Raipur & Bhilai Education Trust, Bhilai	Cash	-	500.00
5	25-03-2018	Workshop	Dr. Suruchi Mishra	Canada ka Pravasi Sahitya Aur Sneha Thakur, Bhasha, ISSN No.- 0523-1418	Cash	-	500.00
6	25-03-2018	Workshop	Prof. Prachi Tiwari	Phytochemical Analysis of Different Parts of Achyranthes Aspera, Journal of Pharmacognosy and Phytochemistry, ISSN NO.-2449-8234	Cash	-	500.00
7	25-03-2018	Workshop	Dr. Renu Nayar	Synthesis and Luminescence Characterization of LaBO3:Dy3+ Phosphor for Stress Sensing Application, Journal of Fluorescence, ISSN 1053-0509	Cash	-	500.00

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8	25-03-2018	Workshop	Dr. Ashutosh Pandey	Fuzzy-Word Based Cryptosystem, International journal of Scientific Research in Computer Science, engineering and Information, ISSN NO.-2456-3307	Cash	-	700.00
9	25-03-2018	Workshop	Dr. Oorja Ranjan Sin	Folk Element in Habib Tanvir's 'Agra Bazar', Research Digest, ISSN 0973-6387	Cash	-	500.00
10	25-03-2018	Workshop	Dr. Vimal Patel	Bilaspur Sambhag me Van, Research Digest, ISSN 0973-6387	Cash	-	500.00
11	25-03-2018	Workshop	Dr. Sadhana Shom	Aarthik ewam Vyavasaik Gatishilta (Gond Janjatiyon ke Vishesh Sambandh Me), Research Digest, ISSN 0973-6387	Cash	-	500.00
12	25-03-2018	Workshop	Dr. Sushma Sharma	Parra Bhar Lai: Ek Samikshatmak Vivechan, Research Digest, ISBN 0973-6387	Cash	-	500.00
13	25-03-2018	Workshop	Dr. Shikha Pahare	Isolation of Keratinophilic Fungi from Soil Samples of Form-Yards and Cattle house in Bilaspur, Chhattisgarh, Research Digest, ISSN 0973-6387	Cash	-	500.00
14	25-03-2018	Workshop	Dr. M. L. Jaiswal	Physico-chemical Charecteristics of Bandihawa Pond Water of Kota, Research Digest, ISSN 0973-6387	Cash	-	500.00
15	25-03-2018	Workshop	Prof. Rupendra Sharma	Bhartiy Prajatantrik Vyavastha me Mahilaon ki Bhumika, Research Digest, ISSN 0973-6387	Cash	-	500.00
16	25-03-2018	Workshop	Dr. Ashish Sharma	Poetic Techniques in Nissim ezekiel Poetry, EDU WORLD: A Multidisciplinary International Peer Reviewed/ Refereed Journal, ISSN No.- 2319-7129	Cash	-	700.00
17	25-03-2018	Workshop	Dr. Vivek Ambalkar	Study on the Lyoluminescence of Barium doped NaCl Sample, Research Digest, ISSN 0973-6387	Cash	-	500.00
18	25-03-2018	Workshop	Prof. Pradeep Jaiswal	Removal of Heavy Metal Ions in Village Amora in Janjgir-Champa (C.G.), Research Digest, ISSN 0973-6387	Cash	-	500.00
19	25-03-2018	Workshop	Dr. Khagendra Soni	Vanopaj Sangrah me Anusuchit Jati tatha Janjati ka Yogdan, Research Digest, ISSN 0973-6387	Cash	-	500.00
20	25-03-2018	Workshop	Dr. K.K. Sharma	C.G. Rajya ki Antarrashtriya Laghu Vanopajon ke Vyapar ka Ek Adhyayan, Naveen Shodh Sar, 2320-8767	Cash	-	500.00
21	25-03-2018	Workshop	Prof. Neha Meghani	(National Workshop) "Medical Lab Technology:Recent Advance in Lab Diagnostics", CGCOST Raipur & ICMR New Delhi	Cash	-	500.00
22	25-03-2018	Seminar	Dr. Sunita Yadav	(National Seminar) "Shaswat Bharat", Pt. Sundarlal Sharma University, Bilaspur (C.G.)	Cash	-	500.00

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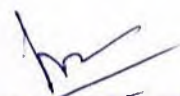
PRINCIPAL
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Bilaspur (C.G.)

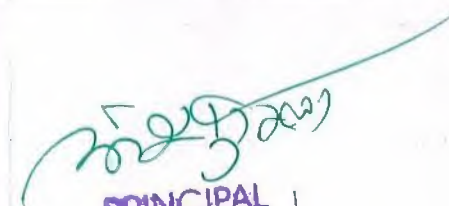
23	25-03-2018	Workshop	Prof. Richa Handa	(Workshop) "Digitization and Online Evaluation", Bilaspur University, Bilaspur (C.G.)	Cash	-	300.00
24	25-03-2018	Conference	Dr. M.S. Tamboli	(Conference) "GST Arthvyawashta ko Naya Roop", Anna Centre for Public Affairs University of Madras (Tamilnadu)	Cash	-	500.00
25	25-03-2018	Workshop	Prof. Pooja Dubey	DNA Computing and its Applications: Survey, Research Digest, ISSN 0973-6387	Cash	-	500.00
26	25-03-2018	Conference	Dr. Manish Tiwari	(National Conference) "Advancements & Globalization of Sciences for Man, Material & Environment", Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Cash	-	500.00
27	25-03-2018	Workshop	Prof. Vishwas Victor	Comparative Analysis of Fahp and Ftopsis Method for Evaluation of ifferent Domains, Research Digest, Research Digest, ISSN 0973-6387	Cash	-	500.00
28	25-03-2018	Workshop	Prof. Asha Roy	Krishi Vikas Ewam Gramin Vikas, Swadeshi Research Foundation	Cash	-	500.00
29	25-03-2018	Conference	Dr. R.N. Yadav	(National Conference) "Chhattisgarh ke Nagariya Vikas Me Pradeshik Ashamanata", Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	Cash	-	500.00
30	25-03-2018	Seminar	Prof. Abha Tiwari	(National Seminar) "Shramik Palayan Ke Samajik Avam Aarthik Prabhav", Govt. Pataleshwar College, Masturi, Bilaspur (C.G.)	Cash	-	500.00
31	25-03-2018	Workshop	Prof. Anju Halwai	English Language: Its Purpose and Learning Process, Research Digest, ISSN 0973-6387	Cash	-	500.00
32	25-03-2018	Workshop	Prpf. Toshima Mishra	Obesity in My Children, Research Digest, ISSN 0973-6387	Cash	-	500.00
33	25-03-2018	Workshop	Prof. Shriti Somvans	Impact of Tmperature in the Changes in Weight of Ovaries of the Female Fish Gambusia Affinis, Research Digest, ISSN 0973-6387	Cash	-	500.00
34	25-03-2018	Workshop	Dr. Smriti Rani Praka	Bhartiya Nari ki Dasha: Ek Etihasik Anushilan, Research Digest, ISSN 0973-6387	Cash	-	500.00
35	25-03-2018	Workshop	Prof. Rajni Kujur	Nari Utpidan: Nivaran, Upay ewam Samajshastriya Adhyayan, Research Digest, ISSN 0973-6387	Cash	-	500.00
36	25-03-2018	Workshop	Prof. A. Shri Ram	Relevance of Gandhian Economic Concepts in Global Context, Research Digest, ISSN 0973-6387	Cash	-	500.00
37	25-03-2018	Workshop	Dr. Rashmi Sharma	Chhattisgarh ki Bhagolik Sthiti, Research Digest, ISSN 0973-6387	Cash	-	500.00

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38	25-03-2018	Workshop	Prof. Archana Singh	Kinner Vimarsh: Samaj ke Parityakt varg ki vyatha, Research Digest, ISSN 0973-6387	Cash	-	500.00
39	25-03-2018	Conference	Prof. Kiran Dubey	(Conference) "GST Arthvyawashta ko Naya Roop", Anna Centre for Public Affairs University of Madras (Tamilnadu)	Cash	-	500.00
TOTAL							19,500.00


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Bilaspur (C.G.)

DWARIKA PRASAD VIPRA COLLEGE, HIGH COURT ROAD, BILASPUR (C.G.)
SCHEDULE "D" : TRUST FUND A/C

SL NO.	PARTICULARS	AMOUNT
A. RECEIPTS:		
1	Trust Fund Fee	10088227.00
2	Other (Trust Fund)	3384997.00
	Total Trust Fund Receipts	13473224.00
B. EXPENSES:		
1	Function & Celebration Exps.	50232.00
2	Newspapers & Periodicals	10184.00
3	Parishad Expenses	13639.00
4	Seminar Expenses	69181.00
5	Sports Expenses	295746.00
6	Student Union Exps.	986412.00
7	Yuva Utsav (Trust Fund)	15000.00
8	Others	187615.00
	Total Trust Fund Expenses	1628009.00
	Transferred to Trust Fund	11845215.00

SCHEDULE "E" : UNIVERSITY FUND A/C

SL NO.	PARTICULARS	FEE REMITTED	FEE COLLECTED
1	Examination Form Fee (Private)	183500.00	174600.00
2	Examination Form Fee (Regular)	37200.00	9275.00
3	Examination Fee	351945.00	269580.00
4	University Fund Account	654897.00	820004.00
	Total	1227542.00	1273459.00
	Transferred to University Fund		45917.00

In. **PRINCIPAL**
D.P. Vipra College
Bilaspur (C.G.)



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Other Trust.

D P VIPRA COLLEGE 2016-17

Ledger Account : 1-Apr-2016 to 31-Mar-2017

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
14-8-2016	By Cash	Receipt	132		1,53,810.00
16-8-2016	To ADVANCES (OTHERS)	Journal	24	11,000.00	5,370.00
17-8-2016	By Cash	Receipt	134		
19-8-2016	To Cash	Payment	420	2,000.00	565.00
	To Cash	Receipt	135		
	By Cash	Payment	431	380.00	
22-8-2016	By Cash	Payment	432	500.00	800.00
23-8-2016	By Cash	Receipt	136		4,585.00
24-8-2016	By Cash	Receipt	138		7,700.00
27-8-2016	To ADVANCES (OTHERS)	Receipt	139		20.00
30-8-2016	By Cash	Receipt	140		
31-8-2016	To Cash	Payment	444	2,500.00	2,520.00
	To Cash	Receipt	142		
	By Cash	Payment	451	500.00	
1-9-2016	By Cash	Payment	452	120.00	218.00
2-9-2016	By Cash	Receipt	145		5,910.00
6-9-2016	By Cash	Receipt	146		40.00
7-9-2016	By Cash	Receipt	147		60.00
8-9-2016	By Cash	Receipt	151		60.00
9-9-2016	By Cash	Receipt	152		20.00
12-9-2016	By Cash	Receipt	154		1,300.00
14-9-2016	By Cash	Receipt	155		2,110.00
15-9-2016	By Cash	Receipt	160		11,820.00
16-9-2016	By Cash	Receipt	161		2,730.00
17-9-2016	By Cash	Receipt	165		860.00
19-9-2016	By Cash	Receipt	166		60,670.00
20-9-2016	By Cash	Receipt	167		1,400.00
21-9-2016	By Cash	Receipt	168		10,420.00
22-9-2016	By Cash	Receipt	170		400.00
23-9-2016	By Cash	Receipt	171		6,135.00
24-9-2016	By Cash	Receipt	172		7,977.00
26-9-2016	By Cash	Receipt	173		8,561.00
27-9-2016	To Cash	Receipt	174		300.00
	By Cash	Receipt	177		
3-10-2016	By Cash	Payment	546	1,000.00	8.00
6-10-2016	To UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	180		2,740.00
7-10-2016	By Cash	Receipt	187		
13-10-2016	By Cash	Payment	581	2,700.00	13,850.00
14-10-2016	To ADVANCES (OTHERS)	Receipt	193		5,865.00
15-10-2016	By Cash	Receipt	195		
19-10-2016	By Cash	Journal	47	2,500.00	8.00
22-10-2016	By Cash	Receipt	199		5,480.00
4-11-2016	By Cash	Receipt	208		8.00
5-11-2016	To Cash	Receipt	212		8.00
	To UNITED BANK OF INDIA A/C NO. 1539010001182	Receipt	225		
	By Cash	Payment	680	900.00	
7-11-2016	To Cash	Payment	691	3,630.00	2,936.00
		Receipt	227		
		Payment	692	15.00	

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ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

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Bilaspur (C.G.)

D P VIPRA COLLEGE 2016-17

Ledger Account : 1-Apr-2016 to 31-Mar-2017

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
7-11-2016	By Cash	Recolpt	228		600.00
8-11-2016	By Cash	Recolpt	229		1,220.00
9-11-2016	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	708	15.00	
	By Cash	Recolpt	230		2,980.00
12-11-2016	By Cash	Recolpt	233		600.00
18-11-2016	By Cash	Recolpt	238		3,450.00
21-11-2016	By Cash	Recolpt	239		16,695.00
22-11-2016	By Cash	Recolpt	240		28,295.00
23-11-2016	By Cash	Recolpt	243		2,64,060.00
24-11-2016	To ADVANCES (OTHERS)	Journal	57	2,500.00	
	By Cash	Recolpt	244		48,895.00
25-11-2016	By Cash	Recolpt	245		27,288.00
26-11-2016	By Cash	Recolpt	246		13,400.00
28-11-2016	By Cash	Recolpt	248		5,200.00
30-11-2016	To ADVANCES (OTHERS)	Payment	760	13,200.00	
	By Cash	Recolpt	254		1,050.00
2-12-2016	By Cash	Recolpt	256		8,160.00
3-12-2016	By Cash	Recolpt	257		5,490.00
9-12-2016	By Cash	Recolpt	265		565.00
13-12-2016	To Cash	Payment	811	1,370.00	
19-12-2016	To ADVANCES (OTHERS)	Journal	66	2,500.00	
20-12-2016	By Cash	Recolpt	275		91.00
21-12-2016	By Cash	Recolpt	277		17,868.00
22-12-2016	By Cash	Recolpt	278		117.00
23-12-2016	By Cash	Recolpt	279		11,902.00
24-12-2016	To ADVANCES (OTHERS)	Journal	68	450.00	
	By Cash	Recolpt	281		7,013.00
26-12-2016	By Cash	Recolpt	283		211.00
27-12-2016	By Cash	Recolpt	284		229.00
28-12-2016	By Cash	Recolpt	285		21,676.00
29-12-2016	By Cash	Recolpt	287		575.00
30-12-2016	By Cash	Recolpt	289		6,078.00
31-12-2016	By Cash	Recolpt	290		89.00
2-1-2017	By Cash	Recolpt	293		8,405.00
3-1-2017	To Cash	Payment	887	960.00	
	To ADVANCES (OTHERS)	Journal	73	2,000.00	
	By Cash	Recolpt	295		6,834.00
4-1-2017	By Cash	Recolpt	296		17,894.00
5-1-2017	To UNITED BANK OF INDIA A/C NO. 1539010001182	Payment	916	3,250.00	
	To ADVANCES (OTHERS)	Journal	75	600.00	
	By Cash	Recolpt	299		23,369.00
6-1-2017	By Cash	Recolpt	301		11,357.00
7-1-2017	By Cash	Recolpt	302		20,562.00
9-1-2017	By Cash	Recolpt	303		39,307.00
10-1-2017	By Cash	Recolpt	305		23,474.00
11-1-2017	By Cash	Recolpt	306		72,494.00
12-1-2017	By Cash	Recolpt	307		78,573.00
13-1-2017	To Cash	Payment	958	300.00	
	By Cash	Recolpt	308		35,989.00

... continued

ACCOUNTANTD.P. VIPRA COLLEGE
BILASPUR (C.G.)**PRINCIPAL**D.P. Vipra College
Bilaspur (C.G.)

D P VIPRA COLLEGE 2016-17

Ledger Account : 1-Apr-2016 to 31-Mar-2017

Page 76

Date	Particulars	Vch Type	Vch No.	Debit	Credit
31-3-2017	To ADVANCES (OTHERS)	Journal	132	2,500.00	
	To Closing Balance			1,87,615.00	33,84,997.00
				31,97,382.00	
				33,84,997.00	33,84,997.00

PARISAD EXPS.

16-7-2016	To Cash	Payment	294	3,921.00	
10-8-2016	To Cash	Payment	381	1,800.00	
20-9-2016	To Cash	Payment	499	590.00	
7-10-2016	To Cash	Payment	585	4,900.00	
	To Cash	Payment	586	1,652.00	
14-10-2016	To Cash	Payment	602	180.00	
	By Cash	Recelpt	198		6,124.00
23-11-2016	To Cash	Payment	736	270.00	
18-1-2017	To Cash	Payment	981	150.00	
27-3-2017	To ADVANCES (OTHERS)	Payment	1242	3,241.00	
30-3-2017	To ADVANCES (OTHERS)	Payment	1278	3,059.00	
	By Closing Balance			19,763.00	6,124.00
					13,639.00
				19,763.00	19,763.00

P. D. ACCOUNT

1-4-2016	To Opening Balance			1,96,817.00	
19-7-2016	To GRANT (SALARY) RECEIVABLE	Journal	21	1,04,65,000.00	
15-9-2016	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	162		71,23,350.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	163		1,05,681.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	164		10,69,611.00
4-10-2016	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	188		14,32,087.00
19-10-2016	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	204		3,05,154.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	205		13,220.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	206		4,10,188.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	207		21,583.00
21-2-2017	To GRANT (SALARY) RECEIVABLE	Journal	93	95,98,000.00	
8-3-2017	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	387		71,63,124.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	388		1,26,413.00
17-3-2017	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	399		10,00,356.00
	By ALLHABAD S/B A/C NO. 20050480758	Recelpt	400		14,21,338.00
	By Closing Balance			2,02,59,817.00	2,01,92,105.00
					67,712.00
				2,02,59,817.00	2,02,59,817.00

P.F. BANK DEPOSIT

1-4-2016	To Opening Balance			63,25,644.68	
8-4-2016	To ALLHABAD S/B A/C NO. 20050480758	Payment	22	1,12,851.00	
	To ALLHABAD S/B A/C NO. 20050480758	Payment	26	37,218.00	
31-5-2016	To P.F. INTEREST (BANK)	Journal	6	97,581.00	

... continued

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

2000
700
500
2000
500
2500

8200=00

D.P VIPRA COLLEGE
OLD HIGH COURT ROAD, BILASPUR, CHHATTISGARH
2016-17

Criteria : 6.3.2

Statement of Budgeted and Payment for the Financial Support to attend Conference/Workshops

Particulars	Amount
budgeted amount	8,500.00
actual expense	8,200.00

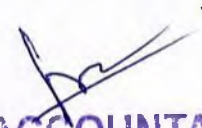
8130

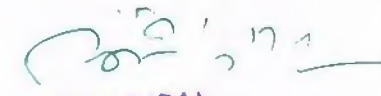
S.No.	Date	Workshop/ Conference	Name of Teacher	Address of Workshop	Mode of Payment	Cheque no.	Amount
1	30-03-2017	Workshop	Dr. Anju Shukla	Aarthik Mahakranti ka Aadhar Vimudrikarn samaj, Research Journals of Arts , Management & Social Science, ISSN NO.-975-4083	Cash	-	500.00
2	30-03-2017	Conference	Prof. Volga Vyas	(National Conference) "Novel Approches in Cell Science And Stem Cell Research", Bilaspur University, Bilaspur (C.G.)	Cash	-	500.00
3	30-03-2017	Conference	Prof. Neha Meghani	(National Conference) "Recent Advances in Biotechnology And Biofuels", Bilaspur University, Bilaspur (C.G.)	Cash	-	500.00
4	30-03-2017	Seminar	Dr. Sunita Yadav	(International Seminar) "Various Aspect of Physical Education Yogic & Allied Sciences", Mahatma Gandhi Kashi Vidyapith, Varanashi (U.P.)	Cash	-	700.00
5	30-03-2017	Seminar	Dr. Manish Tiwari	(National Seminar) "To Evaluate the Meaning of Water in Sub-Rural Parts at Bilaspur Dpecial Reference to Nitrate", D.L.S. P.G. College, Bilaspur (C.G.)	Cash	-	500.00
6	30-03-2017	Seminar	Dr. Sanjay Tiwari	(National Seminar/Workshop) "Role of ICT in Higher Education", Madanlal Shukla College, Seepat (Bilaspur)	Cash	-	500.00
7	30-03-2017	Workshop	Dr. Sadhana Shome	(Workshop) "Preparation For Assesment and accreditation", Bilaspur University, Bilaspur (C.G.)	Cash	-	500.00
8	30-03-2017	Seminar	Dr. Ashish Sharma	(Seminar) "The Role on ICT in Higher Education", Govt. Madanlal Shukla College, Seepat (C.G.)	Cash	-	500.00
9	30-03-2017	Workshop	Prof. A Shriram	(Workshop) "Preparation For Assesment and accreditation", Bilaspur University, Bilaspur (C.G.)	Cash	-	500.00

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BILASPUR (C.G.)

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BILASPUR (C.G.)

10	30-03-2017	Seminar	Dr.R.N. Yadav	(National Seminar) "Bilaspur Sambhag Me Chhattisgarh Ka Star",Govt. J. Yoganandam Chhattisgarh College, Raipur (C.G.)	Cash	-	500.00
11	30-03-2017	Workshop	Prof. Kiran Dubey	(National Workshop) "Human Rights Indian Constitution",D.P. Vipra P.G. College, Bilaspur (C.G.)	Cash	-	500.00
12	30-03-2017	Seminar	Prof. Abha Tiwari	(National Seminar) "Polithene Ke Prayog Se Utpann Samasya Va Samadhan",Rajiv Gandhi Govt. Arts & Commerce College, Lormi, Mungeli (C.G.)	Cash	-	500.00
13	30-03-2017	Workshop	Dr. Oorja Ranjan Sinha	Need for Reappraisal of Tess and Jude,Research Link, ISSN No.-0973-1628	Cash	-	500.00
14	30-03-2017	Workshop	Dr. Suruchi Mishra	Abhinavgupt Aur Kashmir Ki Shaiv Parampara,Bhasha Kendriya Hindi Nirdeshalaya Uchhatar Vibhag, Bharat Sarkar	Cash	-	500.00
15	30-03-2017	Workshop	Dr. Renu Nayar	Analytical Studies of Underground Drinking Water of Industrial Part of Sirgitti in Bilaspur (C.G.),Journal of Chemical, Biological and Physical Sciences, E- ISSN: 2249 –1929	Cash	-	500.00
16	30-03-2017	Seminar	Dr. M.S. Tamboli	(National Seminar) "Polithene Ke Prayog Se Utpann Samasya Va Samadhan",Rajiv Gandhi Govt. Arts & Commerce College, Lormi, Mungeli (C.G.)	Cash	-	500.00
TOTAL							8,200.00


ACCOUNTANT
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 Bilaspur (C.G.)



**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

Appendix IV

D.P. Vipra College

Old High Court Road, Bilaspur
Chhattisgarh, India 495001



**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

2020-21

D.P. Vipra College

Old High Court Road, Bilaspur

Chhattisgarh, India 495001



OFFICE OF THE PRINCIPAL

D. P. VIPRA COLLEGE, BILASPUR (C.G.)

Accredited "A" by NAAC, ISO-9001:2015 Certified

Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 15.07.2020

To,

Prof. Brijesh Kumar
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

With reference to your application submitted for reimbursement of fees against attending Workshop Anurag University, Hyderabad for the year 2020-21.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.300/- (Three Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Principal
D.P. Vipra College
Bilaspur (C.G.)

Copy to

1. Principal
2. Account Officer

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

CASHIER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)



OFFICE OF THE PRINCIPAL

D. P. VIPRA COLLEGE, BILASPUR (C.G.)

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 15.07.2020

To,

Dr. Sushma Sharma
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for National Workshop.

With reference to your application submitted for reimbursement of fees against attending National Workshop Manikchand Pahade Law College, Aurangabad for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

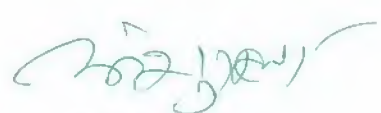
The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

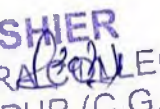
You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
D.P. Vipra College
Bilaspur (C.G.)
Bilaspur (C.G.)


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 15.07.2020

To,

Prof. Archana Singh Thakur
Asst. Professor
Department of Hindi

Subject: Sanction Letter for reimbursement of fees submitted for International Seminar.

With reference to your application submitted for reimbursement of fees against attending International Seminar Govt. P.G. College, Ambikapur for the year 2020-21.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.700/- (Seven Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Principal
D.P. Vipra College
Bilaspur (C.G.)
D.P. Vipra College
Bilaspur (C.G.)

Copy to

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2. Account Officer

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Dr. M. L. Jaiswal
Asst. Professor
Department of Botany

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

With reference to your application submitted for reimbursement of fees against attending Workshop Atal Bihari Vajpayee University, Bilaspur for the year 2020-21.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


The detail of amount that is to be approved and paid by the Institution is: Rs.300/- (Three Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer


Principal
D.P. Vipra College
Bilaspur (C.G.)


ACCOUNTANT
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 01.02.2021

To,

Dr. Anju Shukla
Principal
D.P. Vipra College
Bilaspur (C.G.)

Subject: Sanction Letter for reimbursement of fees submitted for National Workshop.

With reference to your application submitted for reimbursement of fees against attending National Workshop Govt. K.N. Girls College, Balaghat (M.P.) for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

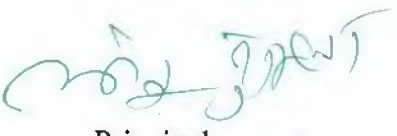
The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer


ACCOUNT OFFICER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Prof. Jayanta Roy
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

With reference to your application submitted for reimbursement of fees against attending Workshop Atal Bihari Vajpayee University, Bilaspur for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

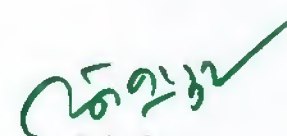
You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
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ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Prof. Bhagwat Kaushik
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

With reference to your application submitted for reimbursement of fees against attending Workshop Atal Bihari Vajpayee University, Bilaspur for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
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Bilaspur (C.G.)
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Accredited "A" by NAAC, ISO-9001:2015 Certified

Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Prof. Sapna Mishra
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

With reference to your application submitted for reimbursement of fees against attending Workshop Atal Bihari Vajpayee University, Bilaspur for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer


ACCOUNTANT
D.P. VIPRA COLLEGE
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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Dr. Vivek Ambalkar
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

With reference to your application submitted for reimbursement of fees against attending Workshop Atal Bihari Vajpayee University, Bilaspur for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).


You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer


Principal
D.P. Vipra College
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Dr. Richa Handa
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in GJCET for the year 2020-21.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

1. Principal
2. Account Officer

ACCOUNTANT
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 05.01.2020

To,

Dr. Renu Nayar
Asst. Professor
Department of Chemistry

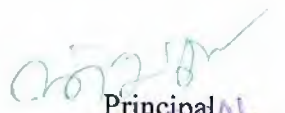
Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in International Journal of Scientific & Technology Research for the year 2020-21.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.


Principal
D.P. Vipra College
Bilaspur (C.G.)

Copy to

1. Principal
2. Account Officer


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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 02.11.2020

To,

Dr. K. K. Sharma
Asst. Professor
Department of Economics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Unnati International Journal of Multidisciplinary Scientific Research for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

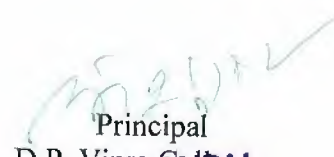
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Copy to

1. Principal
2. Account Officer


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
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Bilaspur (C.G.)
PRINCIPAL
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Bilaspur (C.G.)


CASHIER
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 09.03.2021

To,

Dr. Ashutosh Pandey
Asst. Professor
Department of Maths

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in TOJQI for the year 2020-21.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

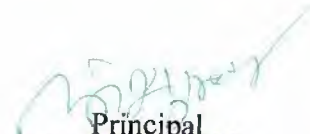
The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

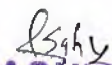
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Date: 09.03.2021

To,

Prof. Snehlata Mishra
Asst. Professor
Department of Maths

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in TOJQI for the year 2020-21.

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Date: 09.03.2021

To,

Prof. Kailash Dewangan
Asst. Professor
Department of Maths

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Prof. Tarun Biswas
Asst. Professor
Department of Maths

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Prof. Nidhish Chaubey
Asst. Professor
Department of Electronics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Dr. Khagendra Soni
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Dr. S. K. Tiwari
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Prof. Vishwas Victor
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Prof. Anjali Sona
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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To,

Prof. Motilal Patle
Asst. Professor
Department of Botany

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Date: 09.03.2021

To,

Prof. Toshima Mishra
Asst. Professor
Department of Zoology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Prof. Pradeep Kumar Jaiswal
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Dr. Manish Tiwari
Asst. Professor
Department of Biochemistry

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Date: 09.03.2021

To,

Prof. A. Shri Ram
Asst. Professor
Department of Commerce

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Date: 09.03.2021

To,

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Asst. Professor
Department of Commerce

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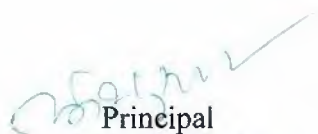
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Date: 09.03.2021

To,

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Asst. Professor
Department of Zoology


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To,

Dr. Taru Tiwari
Asst. Professor
Department of History


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To,

Prof. Varsha Singh
Asst. Professor
Department of Computer Science

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Date: 09.03.2021

To,

Dr. Oorja Ranjan Sinha
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Dr. R. N. Yadav
Asst. Professor
Department of Geography

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Dr. M. S. Tamboli
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 09.03.2021

To,

Prof. Kiran Dubey
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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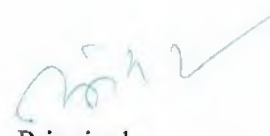
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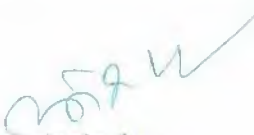
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Department of Chemistry

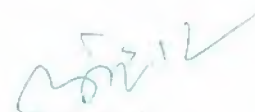
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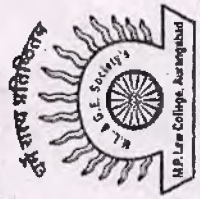
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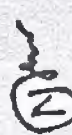
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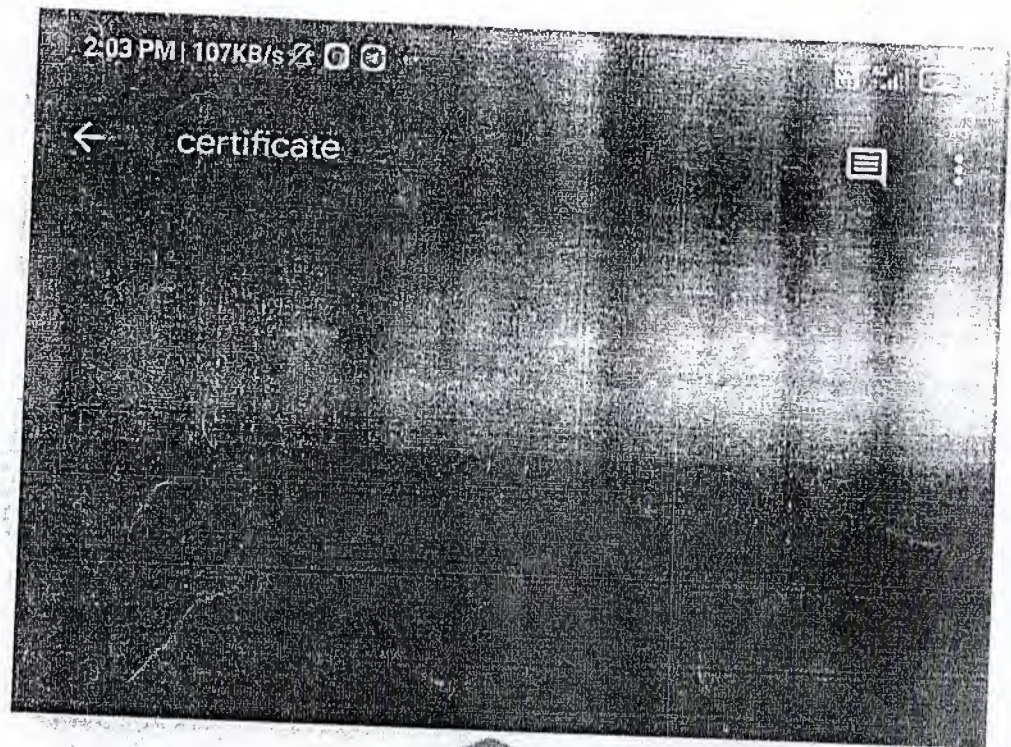
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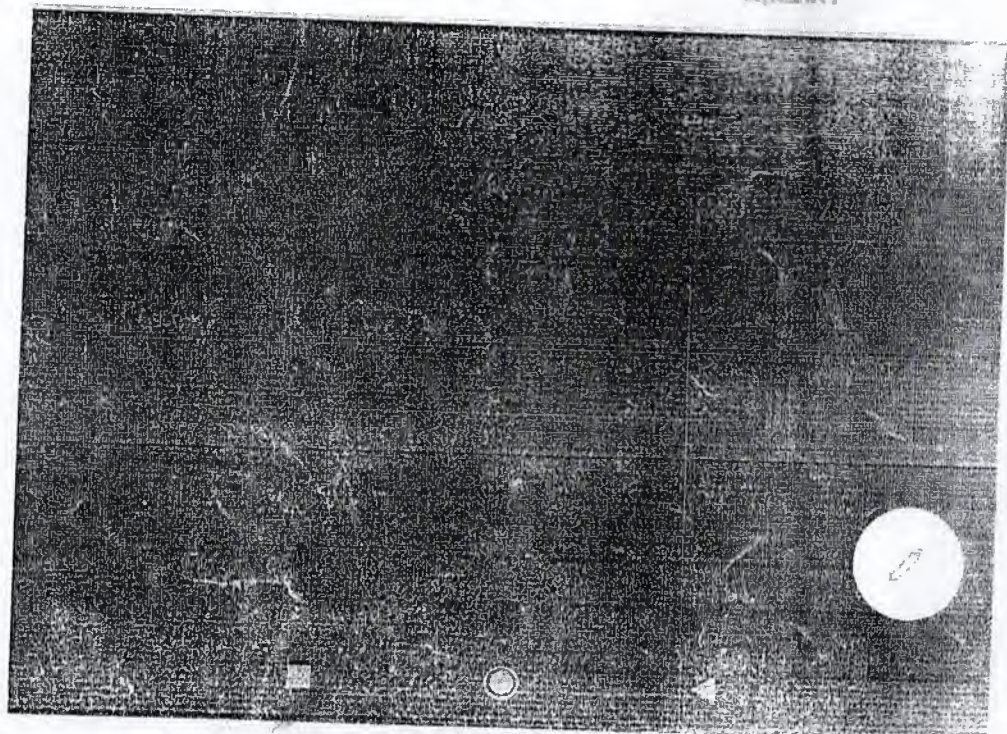
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**STOCK MARKET PRICE FORECASTING USING LSTM AND ANN WITH
COMBINED APPROACH OF WAVELET BASED DATA
PREPROCESSING**

Richa Handa, D.P. Vipra College, India (proffhanda@gmail.com)
H.S. Hota, Atal Bihari Vajpayee University, India (proffhota@gmail.com)

ABSTRACT

Stock market has gone deeply in our economic life and affects the researchers and academicians to deal with this issue from last few decades. This research work focus on prediction of two stock data NSE50 and BSE30 including period of COVID-19 pandemic in India. Due to fluctuating behaviour of stock data, we have used wavelet signal denoiser tool of MATLAB to remove unwanted signals called noise from data. The pre-processed data is given to ANN and LSTM model for next day ahead prediction and found that LSTM is outperforming. The performance of predictive model is measured with two measures MAPE=1.759 and RMSE=0.016 for NSE50 and MAPE=2.224 and RMSE=0.020 for BSE30.

Keywords: Artificial Neural Network (ANN), Long Short-Term Memory (LSTM), COVID-19, Stock market.

1. INTRODUCTION

Financial time series forecasting is a wide area which always attracts researcher's community from last few decades. To predict the financial time series data, it is very necessary to get the proper understanding of economic situation (Huang et al., 2020). Stock market is one of the most popular area for researchers due to its non-linear and non-stationary behaviour for forecasting time series data (Nevasalmi, 2020). The main objective of time series forecasting is to collect data based on past observations and develop forecasting model to predict the future using intelligent techniques by understanding the past data (Agrawal et al., 2013).

Many intelligent techniques found useful while forecasting stock market. Authors (Guresen et al., 2011) analysed multi-layer perceptron (MLP), dynamic artificial neural network (DAN2) and the hybrid neural networks which use generalized autoregressive conditional heteroscedasticity (GARCH) to extract new input variables. Authors (Khandelwal et al., 2015) proposed hybrid method and compared this with ARIMA, ANN, and Zhang's hybrid models and found best accuracy in proposed model.

Authors (Handa et al., 2019) proposed a hybrid approach of ANN and ANFIS with combined approach of Feature extraction techniques and wavelet for FX data prediction. Authors (Ardabili et al., 2020) has done comparative analysis of machine learning models for highly non-linear data of COVID-19 outbreak and found that machine learning works as effective tool to handle this pandemic situation. Author (Selvin et al., 2017) uses different architectures of deep learning for comparative study of financial prediction of NSE listed companies. Authors (Huang et al., 2020) propose an improved VMD and LSTM based financial data forecasting model and results indicate that the model is accuracy-promising and superior to the baseline models in one-step-ahead forecasting of financial time series. Authors (Liang et al., 2019) presents wavelet threshold-denoising method, which has been widely applied in signal denoising, is adopted to pre-process the training data and found that multi-optimal combination wavelet transform (MOCWT) is performing well in terms of model accuracy.

This study consider Artificial Neural Network (ANN) technique and Long Short-Term Memory (LSTM) (Chimmula & Zhang, 2020) to develop forecasting model and done comparative analysis between them. In this research work, we have worked with two stock data National Stock Exchange (NSE50) and Bombay Stock Exchange (BSE30) collected from www.nseindia.com and www.bseindia.com. The nature of stock data is non-linear, and fluctuate mostly due to occurrence of any event. The event we consider in this proposed research work is

Mechanoluminescence Of Rare Earth Doped Potassium Aluminum Silicate Phosphor

Renu Nayanand Vinit Nayar

Abstract The authors desired to expand the base of knowledge and application of ML-induced impacts with the specific goal of demonstrating the potential of phosphor based impact sensors. When a $\text{KAISiO}_4:\text{Dy}$ samples are deformed impulsively by applying a load from a fixed height, then initially the ML intensity increases with time, attains a peak value I_m at a particular time t_m , and later on it decreases with time. The peak intensity I_m increases linearly with the increasing height of the load. After t_m , initially the ML intensity decreases at a fast rate, and later on it decreases at a slow rate. Light was generated from the interaction of a dropped mass and a small number of luminescence centers in the $\text{KAISiO}_4:\text{Dy}$ powder. The ML in $\text{KAISiO}_4:\text{Dy}$ samples can be understood on the basis of the piezoelectrically induced electron detrapping model, in which the local piezoelectric field near the Dy^{3+} centres reduces the trap-depth, and therefore, the detrapping of filled electron traps takes place, and subsequently the energy released non-radiatively during the electron-hole recombination excites the Dy^{3+} centres and de-excitation gives rise to the ML.

Keyword ML-Induced, potential of phosphor, piezoelectrically

INTRODUCTION

Phosphors are materials doped with impurities that give off light when excited. This fluorescence is caused by ions in the lattice structure emitting a photon to de-excite, versus luminescent phonon processes. Light emitted from a phosphor is not caused by thermal effects, and as such, is considered "cold". Fluorescent light bulbs and traditional cathode ray tube (television) pixels are examples of phosphor applications. There exist many different excitation sources, such as photons (photoluminescence), electrons (cathode luminescence), and ionizing radiation (radio luminescence). Excitation of phosphors by crystal stress or fracture, known as mechanoluminescence (ML), has been observed in such crystals as sulphate, phosphate, silicate and so on for many centuries. Phosphor materials are used in a variety of applications including television screens, lighting, photocopy lamps, scintillators, as X-ray conversion screens and sensor technology. The materials used for these sensors are typically inorganics doped with impurities that provide characteristic fluorescence and are commonly referred to as phosphors. Sensor technologies based on these materials use characteristics of the light emission to determine various parameters such as temperature, impact/pressure, and radiation dose. The development of a health-monitoring sensor suite requires many individual measurements that must survive and operate in the harsh environment of space. This environment includes wide temperature swings, radiation exposure of all types and energies, and particle impact. In addition, the sensors must also be lightweight and minimally intrusive system. When a ML crystal is fractured, electrons are torn away from their parent atoms, resulting in a static discharge across the gap of the fracture.

The light is emitted by several distinct, material dependent mechanisms. The emission spectrum for sugar indicates that the light comes from the atmospheric nitrogen that fills the gap during fracture. This is the same source of light as that from lightning or touching a doorknob on a dry day. Spectra for other samples show emission characteristic of the material as well as nitrogen lines. Such spectra suggest a secondary energy process. Other substances exhibit a spectrum characteristic of the material alone. While charge separation is the same in all cases, the emission mechanism depends on the material. The studies on the ML produced during pulse-induced excitation in crystals has been interesting as it provides important information concerning the nature of the luminescence centre's and helps in understanding their basic mechanism of ML excitation in solids. Mechanoluminescence is the light emission induced as a result of a mechanical action on a solid. About 36% of all inorganic and 19% of all organic compounds exhibit ML [1, 2]. The development of mechanoluminescence-based method for monitoring of size reduction processes in stirred media mill is reported by Sergej Aman and Jorgen Tomas [3]. It is a wide-band gap semiconductor, which occurs naturally as the mineral gahnite and is a member of the spinel family; it can be used as transparent conductor, dielectric material, and optical material [4, 5]. ML materials with a high intensity have been developed, showing promising applications of this phenomenon in stress sensing techniques [6-8]. Synthesis and thermo luminescence properties of SrAl_2O_4 (Eu) phosphor irradiated with cobalt-60, 6 MV and 16 MV photon beams [9]. Ag nanoparticles coated CaTiO_3 : Eu phosphor obtained from charge attracting process shows higher PL intensity and enhanced heat dissipation than the uncoated ones due to the LSPR effect and heat conduction of Ag nanoparticles reported by Zhenhu et al. [10]. The objective of this work is to study the ML properties of $\text{KAISiO}_4:\text{Dy}$ phosphor, for ML sensors and dosimeter use, ML properties should be known and optimum intensity of ML material is required. The present paper reports various ML properties in gamma-irradiated $\text{KAISiO}_4:\text{Dy}$ phosphors. The luminescent properties of a $\text{KAISiO}_4:\text{Dy}$ phosphor depend on the details of its electronic band structure. These are determined by the host molecule and by the type and quantity of dopant used. Incident particles, such as

Renu Nayar Assistant Professor Department of Chemistry, D. P. Vipra P. G. College Bilaspur, Chhattisgarh, India. 495001 email: nayar.renu@yahoo.com

Vinit Nayar Assistant Professor Department of Physics, C. M. D. P. G. College Bilaspur, Chhattisgarh, India 495001 email: vinitnayar5@gmail.com

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एर जिले के कोटा विकासखण्ड के सर्वेक्षित ग्रामों में अनुसूचित जाति एवं अनुसूचित जाति के उपभोग की मदों और उपभोग किया की प्रभावित करने वाले कारकों में स्वर्ण जयन्ती ग्राम स्वरोजगार योजना के योगदान का एक अध्ययन

डॉ. के.के. शर्मा

प्राध्यापक अर्थशास्त्र, डी. पी. विप्र महाविद्यालय, विलासपुर, जिला-विलासपुर, छत्तीसगढ़

प्रांश :- प्रस्तुत शोध पत्र में विलासपुर जिले का विकास खण्ड के अन्तर्गत कुल 81 ग्राम में से 25 ग्राम पंचायतों का वयन देव निर्देशन से किया गया तथा वयनित ग्राम पंचायतों के जयन्ती ग्राम स्वरोजगार योजना द्वारा लाभान्वित जाति एवं जनजाति के सम्बन्धित हितग्राहियों (गैर हितग्राहियों) को अध्ययन में सम्मिलित किया गया। अध्ययन क्षेत्र में इस योजना के अन्तर्गत अनुसूचित जाति के कुल 175 परिवार एवं अनुसूचित जाति के 45 परिवार लाभान्वित हुए योजना का इस वर्ग के उत्थान में वास्तविक योगदान ज्ञात करने के लिए योजना से लाभान्वित न होने वाले (गैर हितग्राही) अनुसूचित जाति एवं अनुसूचित जनजाति के क्रमशः 175 एवं 45 गैर हितग्राही परिवारों को भी अध्ययन में सम्मिलित किया गया है। जिसमें स्वर्ण जयन्ती ग्राम स्वरोजगार योजना का अनुसूचित जाति एवं जनजाति के आर्थिक उत्थान में योगदान ठीक-ठीक ज्ञात किया जा सके। इस प्रकार अनुसूचित जाति के 45 एवं अनुसूचित जनजाति के 175 परिवारों का अध्ययन किया गया है। जिनसे प्रश्नावली, अनुसूची साक्षात्कार एवं अवलोकन द्वारा जानकारीयों प्राप्त कर उनका विन्दुवार विश्लेषण किया गया है।

शब्द कुँजी :- अजजा-अनुसूचित जनजाति, अजा-अनुसूचित जाति, S.G.S.Y- स्वर्ण जयन्ती ग्राम रोजगार योजना, आई.आर.डी.पी.- समन्वित ग्रामीण विकास कार्यक्रम, ट्राइसेम- ग्रामीण युवा रोजगार प्रशिक्षण कार्यक्रम, डवाकरा- ग्रामीण महिला एवं बाल विकास कार्यक्रम, एम.डब्ल्यू.एस.- दस लाख कुओं की योजना, जे.के.एल.- गंगा कल्याण योजना, एस.एच.जी.- रव-सहायता समूह, डी.आर.डी.ए- जिला ग्रामीण विकास अभिकरण, J.R.Y.- जवाहर रोजगार योजना।

प्रस्तावना :- अर्थशास्त्र साधारण जीवन व्यवसाय के मनुष्य की क्रियाओं का अध्ययन है। यह इस बात का पता लगाता है कि वह किस प्रकार आय प्राप्त करता है और किस प्रकार उपभोग करता है। इस प्रकार एक

और तो धन का अध्ययन है और दूसरी ओर, अधिक महत्वपूर्ण दिशा में मनुष्य के अध्ययन का भाग है। सर्वेक्षित क्षेत्र के आर्थिक अध्ययन में आय के साथ-साथ उपभोग व्यय का अध्ययन आवश्यक है। अतः अनुसूचित जाति एवं अनुसूचित जनजाति के हितग्राही एवं गैर हितग्राहियों की वार्षिक उपभोग क्रिया में विभिन्न मदों पर व्यय किस क्रम में है तथा प्रत्येक मद पर व्यय में योजना से लाभान्वित होने के पश्चात् क्या अंतर आया है? इसका विश्लेषण किया गया है। उपभोग व्यय में प्रमुख रूप से अनाज, अन्य खाद्यान्न, वस्त्र आवास, ईंधन एवं प्रकाश, शिक्षा, स्वास्थ्य, मनोरंजन, मादक पदार्थ, सांस्कृतिक परम्पराएँ, यात्रा एवं परिवहन शामिल किया गया है। कुछ मदों पर दैनिक, मासिक एवं वार्षिक व्यय किया जाता है। परन्तु ग्रामीण परिवार के उपभोग व्यय का वैज्ञानिक मौद्रिक मूल्यांकन संभव नहीं है। अतः उपभोग वस्तुओं एवं सेवाओं के प्रचलित बाजार मूल्यों के आधार पर इसका आँकलन किया गया है, कुल आय, कुल व्यय एवं कुल बचत का योग होता है। कुल बचत ऋणात्मक एवं धनात्मक दोनों हो सकते हैं, यदि आय की तुलना में व्यय अधिक है तो ऋणात्मक बचत होती है तथा आय की तुलना में व्यय कम है, तो धनात्मक बचत होती है। कृषि पुनः निवेश को व्यय में शामिल नहीं किया गया है, क्योंकि आय आँकलन के समय शुद्ध प्राप्तियों को लिया गया है।

अध्ययन अवधि में सर्वेक्षित क्षेत्र अनुसूचित जनजाति के हितग्राही एवं गैर हितग्राही परिवारों के उपभोग की मदों में परिवर्तन :- सारणी क्रमांक-1.1 से स्पष्ट है कि क्षेत्र के अनुसूचित जनजाति के 175 हितग्राही के औसत प्रति परिवार का कुल वार्षिक उपभोग पर व्यय 2006-07 में 185800 रूपया था। जिसमें से अनाज पर 18.84 प्रतिशत, अन्य खाद्यान्न 20.45 प्रतिशत, वस्त्र 04.31 प्रतिशत, आवास 04.84 प्रतिशत, ईंधन प्रकाश 01.94 प्रतिशत, शिक्षा 0.38 प्रतिशत, स्वास्थ्य 16.15 प्रतिशत, मनोरंजन 01.35 प्रतिशत, मादक पदार्थ 09.69 प्रतिशत, सांस्कृतिक परम्पराएँ 03.23 प्रतिशत, यात्रा एवं परिवहन 13.46



Date : 12/05/2021

Dear Dr. Ashutosh pandey

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled " **Impact Of Covid 19 On Business Practices of Micro Entreprises**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

Our all the best to you with a hope that the knowledge and experience you had attained in form of wisdom will certainly benefits to the Society for national building.

Thanking you,

A handwritten signature in black ink, appearing to read "Samarendra", is written over a horizontal line.

Dr.Samarendra Mohan Ghosh
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Impact Of Covid 19 On Business Practices of Micro Enterprises

¹Kailash Dewangan, ²Tarun Biswas, ³Dr.Aashutosh Pandey, ⁴Smt. Snehlata Mishra, ⁵Smt Sarita Pandey

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Abstract

The recent COVID-19 pandemic has proved to be a game-changer for the majority of us. It has changed the way we behave and perceive things. Many of our habits have changed. We are experiencing a new world altogether. This unexpected and adverse shift in habits and mindset has impacted the economies heavily. Many have taken a bad hit. But in some cases, the results are exponentially positive. So the adaptability and creative decision making will play a key role in the sustainability of the enterprises. In this article, we will discuss 5 industries which will observe new trends shaping up for the businesses. We focus micro enterprises which are survive mostly on Bank finance under different Govt. finance scheme like PMEGP etc.

Key Words: Prime Ministers Employment Generation Program(PMEGP), Entrepreneurship Development Programme (EDP), District Trade and Industry Centre (DTIC) , Lead Bank of District (LBD).

INTRODUCTION :-

The economic disruptions from COVID-19 have left the MSME sector in India reeling. Our report discusses the nature and extent of the impact of this pandemic on the cash-flows, business operations, and supply chains of MSMEs. It delves deeper into the coping strategies MSMEs have adopted to mitigate the effect of this disruption. The report also highlights how the pandemic has triggered the uptake of digital technologies other way of business to help MSMEs recover.

In India most of the Micro Industry is depend on the loan and finance from the Financial Institution like Bank under various Govt. Financial Scheme like PMEGP, MMYSY, Antavayavasai , KVIB, etc .This covid 19 and lock down almost closed the working of Industry and Enterprises due to lack of working capital and Manpower

This report we present a short notes on the Business pattern changed after the COVID 19 and how the micro enterprises are struggling for survival with adopting different methodology of Marketing , advertising , delivery of product etc.



Date : 12/05/2021

Dear Smt. Snehlata Mishra

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Date : 12/05/2021

Dear Tarun Biswas

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Research Article

Impact Of Covid 19 On Business Practices of Micro Enterprises

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Date : 12/05/2021

Dear Nidhish Chaubey

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled " **Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated [Sr] ₄ [Al] ₁₄ O ₂₅ Phospho**" is accepted in the journal "Turkish Online Journal of Qualitative Inquiry" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Brief Review on Photoluminescence and Persistent Luminescence of Rare Earth Activated $Sr_4Al_{14}O_{25}$ Phospho

Nidhish Chaubey, Bhagwat Kaushik, Anjali Vaishnav

D. P. Vipra College Bilaspur (C.G.)

ABSTRACT

A Systematic scientific study of the subject of luminescence is of recent origin, from the middle of 19th century. Due to excellent photo-resistance and chemical stability, great brightness, long-lasting time, no radiation and environmental capability, which resulted in their wide applications in many fields, are more appropriately focused by scientists and engineers. From this literature review we got to know that the tetra strontium aluminate phosphors could be synthesized by solid state reaction method and combustion method. By doping different rare earth in a host matrix the emission color could be changed.

INTRODUCTION

Luminescence is a science closely related to spectroscopy, which is the study of the general laws of absorption and emission of radiation by matter. The existence of luminous organisms such as bacteria in the sea and in decaying organic matter, glow worms and fireflies have mystified and thrilled man since time immemorial. A systematic scientific study of the subject of luminescence is of recent origin, from the middle of nineteenth century. In 1852 English Physicist G. C. Stokes identified this phenomenon and formulated his law of luminescence now known as Stoke's law, which states that the wavelength of the emitted light is greater than that of the exciting radiation. German physicist E. Wiedemann introduced the term 'luminescence' (weak glow) into the literature.

The phenomenon of certain kinds of substance emitting light on absorbing various energies without heat generation is called luminescence. Luminescence is obtained under variety of excitation sources. The wavelength of emitted light is characteristic of the luminescent substance and not of the incident radiation.

In the recent few years research on the field of the persistence Luminescence (aluminate-based phosphors) are more appropriately focused by scientists and engineers due to that showed excellent photoresistance and chemical stability, great brightness, long-lasting time, no radiation and environmental capability, which resulted in their wide applications in many fields, such as traffic signs, chemical sensors, optical recording device, biological imaging, emergency signs, military application, textile fibers & textile printing, exit signboards, electronic instrument dial pads, luminous point, ink, safety indicator, advertisement card, interior decoration, emergent lighting and display, etc. $Sr_4Al_{14}O_{25}$ doped with rare earth element in 1996, research on efficient persistent phosphors has continuously gained much interest. However, the number and types of persistent luminescence material are still relatively limited to date, and the interest worldwide has mainly focused on rare-earth (RE) containing inorganic materials. Unfortunately, the high-cost and relatively complicated preparation methods (such as high temperature solid state processes) present a barrier to commercialization. Therefore, the development of new types of inexpensive, energy-efficient, eco-friendly, and RE-free afterglow material is highly desirable.

LUMINESCENCE

When the molecules of matters (solid, liquid, gas) are raised to an excited electronic state by illuminating the matters with light of definite frequency, they may revert to their initial state with the emission of discrete radiation of frequencies smaller than the frequency of the absorbed light. This phenomenon is known as 'luminescence'.



Date : 12/05/2021

Dear Dr. Khagendra Soni

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled " **Effective Communication Skills**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

Effective Communication Skills

Dr. Khagendra Soni

Assistant Professor (Commerce), D. P. Vipra College Bilaspur, Chhattisgarh
E-mail id: kksoni1404@gmail.com

Abstract

Effective communication is the key to successful issues. Specialized professionals must be trained in the discipline of effective communication. This paper presents a step-by-step approach to the discipline of effective mortal communication. Research has handed sapience into the processes of mortal perception and communication. This perceptivity have led to the development of tools and procedures that increase significantly the effectiveness of that communication significantly. The communication process is divided into seven distinct way. When taken in order, these way give the speaker the capability to communicate and impact a wide variety of people. Masterminds and specialized professionals in the IEEE terrain can use the 7- Step Effective Communication Process to increase their communication effectiveness. By doing so they will stand out as further able and more competent at impacting, leading, and conveying ideas and generalities to their associates and others. The 7- Step Effective Communication Process allows the speaker to understand the structure of the communication that would be most salutary for the listener. Once this has been established, the speaker also builds fellowship and begins the process of understanding the listener's paradigms. Once the listener's paradigms are understood the speaker can also shoot the asked communication and also determine if the communication was entered as intended. This process is fast and can be done in the course of casual discussion, in the midst of an important meeting, or from a platform donation. It can be performed in a large group or one-on-one.

Keywords: Effective Communication, Specialized Professionals, large group

Introduction:

In the information age, we've to shoot, admit, and process huge figures of dispatches every day. Effective communication can ameliorate connections at home, work, and in social situations by heightening your connections to others and perfecting cooperation, decision- timber, and problem working. Effective communication combines a set of chops including verbal communication, attentive listening, the capability to manage stress in the moment, and the capacity to fere and understand your own feelings and those of the person you 're communicating with. Of course, it takes time and trouble to develop these chops and come an effective prophet. The further trouble and practice you put in, the further spontaneous and robotic your communication chops will come.

Objectives:

1. To enhance the effective communication skills.
2. To allow the use of communication skills.
3. To reveal the importance of communication skills.
4. To advance the person on use of communication skills.

Literature Review:

1. Rana (2015) revealed that effective communication can ameliorate connections at home, work, and in social situations by heightening your connections to others and perfecting cooperation, decision making, and problem working. it enables you to communicate indeed negative or delicate dispatches without creating conflict or destroying trust.



Date : 12/05/2021

Dear Dr. S.K.Tiwari

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "**The Common Dilemma Of 'To Be or Not to Be' Between Hemlet and Devdas Hamlet Vs. Devdas 'To Be or Not to Be': A Study of Dilemma in Shakespeare's Hamlet and Sarat Chandra Chatterjee's Devdas**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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The Common Dilemma Of 'To Be or Not to Be' Between Hamlet and Devdas
Hamlet Vs. Devdas 'To Be or Not to Be': A Study of Dilemma in Shakespeare's Hamlet and Sarat Chandra
Chatterjee's Devdas

Turkish Online Journal of Qualitative Inquiry (TOJQI)
Volume 12, Issue 9, August 2021: 7689-7690

Research Article

The Common Dilemma Of 'To Be or Not to Be' Between Hamlet and Devdas
Hamlet Vs. Devdas 'To Be or Not to Be': A Study of Dilemma in Shakespeare's Hamlet and
Sarat Chandra Chatterjee's Devdas

Dr. S.K.Tiwari,

Assistant Professor, Deptt. of English, D.P.Vipra College, Bilaspur (C.G.)

Perhaps People and Government both love indecision. Because of this love for indecision Hamlet and Devdas both became immortal, unique and timeless. Devdas is a Bengali romance novel written by Sarat Chandra Chatterjee published in June 1917. Young generation may not be knowing Sarat Chandra Chattopadhyay but they all are well aware of the name Devdas. It has become an epithet for Jilted lover. Every Indian is familiar with this iconic name. The story pivots a tragic triangle linking Devdas an Archetypal lover in separation: Paro, his forbidden childhood love; and Chandramukhi, a reformed courtesan. On the other hand, Hamlet is a tragedy written by William Shakespeare sometime between 1599 and 1601. Set in Denmark the play depicts prince Hamlet and his revenge against his uncle, Claudius, who has murdered Hamlet's father in order to seize his throne and marry Hamlet's mother.

The novel Devdas begins with the childhood of Devdas and Paro, showing Devdas as a naughty, arrogant boy, who takes Paro for granted. He hits her and yet expects her to follow him strongly, it is only Paro, who is initially harboring love pangs, whereas Deva, growing up in urban Calcutta had almost forgotten her. But the moment Paro becomes unattainable, Devdas pines for her love and starts drinking. Most of the readers love the younger Deva who looked carefree, somewhat naughty yet adorable. Had he remained as crazy and as frank as he was in childhood readers would have fallen in love with him as did Paro. But as he grew up he lost his appeal. He increasingly appeared as a weak-willed individual, who allowed one untoward incident to ruin his entire life. It reminds me of Macbeth where the protagonist suffers from weak will and vaulting ambition. In the case of Devdas 'vaulting ambition' is absent. This weak will of Devdas is clearly shown when Parvati's family proceeds to arrange her marriage elsewhere and Parvati, risking the appearance of impropriety, visits Devdas at his home in the dead of night. A shocked Devdas reprimands Parvati for the scandal she might create. Parvati declares that she is there to surrender herself to him. Devdas protests feebly about his family's honour and his duty to his parents but finally it is he himself who is unable to take Parvati that night and is eventually unsuccessful either in persuading his family or disregarding its wishes.

Unable to face Parvati Devdas escape to Calcutta. Later when he tries to apologize for his betrayal, hurt Parvati accuse him of being arrogant and narcissistic. She declares that her parents have made a wise decision in arranging her marriage with an older man, one who is not impetuous and fickle like Devdas.

In his review in firstpost.com of Daas Dev movie by Sudhir Mishra, Anna MM Vetticad comparing Devdas with Hamlet says,

"What common ground could there possibly be between the story of a weak-willed Bengali aristocrat drowning his unconsummated love in alcohol, and a Danish prince drowning in a desire for revenge against his scheming uncle and allegedly traitorous mother? what meeting point is there between a spineless fellow who wept at a fate he could have fashioned if he had the courage to defy his convention ridden classist parents, and another so single-minded in his quest for vendetta that he let everything else in his life slip away as a result? the answer is quite simple actually it lies in the self-destructiveness of both Hamlet and Devdas legendary fictional men Devdas is melancholy and fatalistic on the other hand Hamlet is mentally muddled. Hamlet has fascinated audiences and readers for centuries, and the first thing to point out about him is that he is enigmatic. There is always more to him than the other characters in the play can figure out: even the most careful and clever readers come away with the



Date : 12/05/2021

Dear Mr. Vishwas Victor

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled " **Identification Of Covid -19 Patient Through Machine Learning**" is accepted in the journal "Turkish Online Journal of Qualitative Inquiry" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Identification Of Covid -19 Patient Through Machine Learning

¹Mr. Vishwas Victor, ²Mr. Brijesh Kumar, ³Miss. Anjali Sona

^{1,2,3} Asst. Professor D.P.Vipra College Bilaspur, Chhattisgarh
Department of Computer Science, D.P. Vipra College, Bilaspur (C.G.)

Abstract

COVID-19 is a spreading dreadful disease which is easily spreading all over the world. Many measures are being taken to avoid this. Like sanitizers are being used, facemask is also used; some precautions are also taken. To overcome this, we have also prepared our alternative purposed system. This system can solve this problem in a very easily manner. Today's covid-19 pandemic situation, our identification model will detect the covid-19 patient remotely and can tell which patient is covid-19 infected or not. Our model doesn't have to go close enough to identify a patient, our proposed system can easily detect covid -19 patient.

Keyword: - Neural Network, Machine Learning, Sensor, Covid-19, Public Place, Laser Thermometer.

INTRODUCTION

First of all I want to introduce my model as fully advance covid -19 patient detector system. Which works as a patient detector. It will take very little time to give the decision for whether people are infected or not. Our system will easily identify the covid-19 patient even in a large crowd. Our system will easily detect positive covid-19 patient from thousands of crowd at railway stations and airports. Our system can be used for students in any institutions or colleges or university etc. where maximum number of people can be seen.

MACHINE LEARNING

Machine learning is an application of artificial intelligence (AI) that provides system the ability to automatic learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it to learn for themselves. The process of learning begins with observations or data, such as examples, direct experience, or instruction. In order to look for patterns in data and make better decisions in the future based on the examples that we provide. The primary aim is to allow the computers learn automatically without human intervention or assistance and adjust actions accordingly. But, using the classic algorithms of machine learning, text is considered as a sequence of keywords; instead, an approach based on semantic analysis mimics the human ability to understand the meaning of a text.

Machine learning algorithms are often categorized as supervised or unsupervised.

- Supervised machine learning algorithms can apply what has been learned in the past to a new data using labeled examples to predict future events. Starting from the analysis of a known training dataset, the learning algorithm produces an inferred function to make predictions about the output values. The system is able to provide targets for any new input after sufficient training. The learning algorithm can also compare its output with the correct, intended output and find errors in order to modify the model accordingly.



Date : 12/05/2021

Dear Anjali Sona

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^{1,2,3}Asst. Professor D.P.Vipra College Bilaspur ,Chhattisgarh
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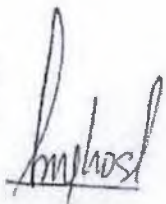
Dear Moti Lal Patle

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled " **Studies On the Aero-Mycoflora of Lormi Region of Mungeli District (C.G.)**" is accepted in the journal " **Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

"Studies On the Aero-Mycoflora of Lormi Region of Mungeli District (C.G.)"

¹Moti lal patle, ²N.K. Singh

¹Research scholar, D.P.Vipra college, Bilaspur (C.G.)

²Assistant Professor, Govt. College Sargaon Mungeli (C.G.)

Abstract

The most common agent of dispersal of spore of Ascomycetous and Basidiomycetous fungi is probably air. Because of the importance of this means of dispersal of plants pathogens and allergens, the specialized discipline known as Aeromycology has developed. The air sample from following site were isolated for further analysis. The different site were given below, Govt Rajiv Gandhi college, Sharda shishu vidya mandir, Bus stand, Teshil chowk Lormi. During present investigation altogether 14 fungal species were obtained in the period from September 2020 to February 2021. Among them, *Rhizopus*, *Aspergillus*, *Penicillia*, *Alternaria* and *Fusarium* were dominant mycoflora. *Penicillium* *Fusarium* was present in all the six months of study like other fungal strains mentioned above. Environmental factors are responsible for occurrence of aerofungi in different regions, viz relative humidity and temperature affected their occurrence.

Keywords:- Fungi are ubiquitous in nature, spore Aeromycology.

INTRODUCTION

Industrial and agricultural activities by men have created environmental pollution in a number of ways. Besides chemical pollution causing agent, biological pollutant have been found to pose serious problem to human beings. Fungal spores present in air are important biological pollutant. Such agent which have been reported to cause allergy in human beings in various ways. Every organism of biosphere including the micro-organism of very minute size too continuously struggle for its existence. None of the micro-organism of the air can be considered indigenous to the atmosphere, as air is not a medium suitable for the growth and reproduction of micro-organisms. A wide variety of organisms dwell upon earth. They have originated and evolved in different periods and eras of geological time-table.

The quality of various gases in the earth's atmosphere and indeed many other compounds on the earth's surface represent the net balance between their rates of formation and utilization in biological and geological processes (Steiner *et al.*, 1995). The feature of fungi is based on their role in decomposing complex organic matter in to simple compounds (Krumbein, 1983; Revelle, 1982). Equipment used in Aeromycology usually consists of special trapping devices that ensure the collection of even small spores that impact on the collecting surface. In some of the traps spores are sorted by size class and time of collection. In this regard a number of mathematical formulae have been developed for modeling spore fall under different conditions (Taylor, 1982; Mc Cartney and Finn, 1987). Fungi are ubiquitous organism and in the atmosphere they are mostly found in the troposphere extending up to 16 km, only rarely wandering into the stratosphere. During the last two decades, the fungus has been used to test various biological processes. Since they grow very fast and require a short period to complete their life cycles, the fungi are best suited for use as test organisms. Fungi form very good research material for genetic studies and other biological processes. Genus *Neurospora* has become very good material for genetic studies while *Physarum polycephalum* is used to study steps in DNA synthesis, morphogenesis and mitotic cycle.

Studies on the pattern of distribution, their seasonal variation, physiological behavior and biochemical distribution of different aerial fungi have been done by various workers. (Krebs, 1985; Tiwary 1987 *et al*; 1990) (Arya and Arya, 2007; Nayak and Behaera, 1995). (Piliponyte-Dzikiene *et al.* 2014).



Date : 12/05/2021

Dear Prof. Toshima Mishra

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "Pineal Gland and Its Secretion" is accepted in the journal "Turkish Online Journal of Qualitative Inquiry" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

Pineal Gland and Its Secretion

Prof. Toshima Mishra

Zoology dept.

Abstract

The pineal gland was described as the "Seat of the Soul" by Renee Descartes and it is located in the center of the brain. The main function of the pineal gland is to receive information about the state of the light-dark cycle from the environment and convey this information to produce and secrete the hormone melatonin. The rhythmic production of melatonin, secreted only during the dark period of the day, is extensively used as a marker of the phase of the internal circadian clock. Melatonin itself is used as a therapy for certain sleep disorders related to circadian rhythm abnormalities and for the alleviation of jet lag. It might have more extensive therapeutic applications in the future, since multiple physiological roles have been attributed to melatonin. It exerts physiologic immediate effects during night or darkness and prospective effects at daytime when melatonin levels are undetectable. In addition to its role in regulating the circadian system and sleep patterns, melatonin is involved in cell protection, neuroprotection, and the reproductive system, among other functions. Pineal gland function and melatonin secretion can be impaired due to accidental and developmental conditions, such as pineal tumors, craniopharyngiomas, injuries affecting the sympathetic innervation of the pineal gland, and rare congenital disorders that alter melatonin secretion.

Pineal Anatomy and Structure

The pineal gland in humans is a small (100-150mg), highly vascularized, and a secretory neuroendocrine organ. It is located in the mid-line of the brain, outside the blood-brain barrier and attached to the roof of the third ventricle by a short stalk. In humans, the pineal gland usually shows a degree of calcification with age providing a good imaging marker (1). The principal innervation is sympathetic, arising from the superior cervical ganglion (2). Arterial vascularization of the pineal gland is supplied by both the anterior and posterior circulation, being the main artery supplying the lateral pineal artery, which originates from the posterior circulation (3). In mammals, the main cell type are pinealocytes (95%) followed by scattered glial cells (astrocytic and phagocytic subtypes) (4). Pinealocytes are responsible for the synthesis and secretion of melatonin.

Main Function of the Pineal Gland

The main function of the pineal gland is to receive and convey information about the current light-dark cycle from the environment and, consequently produce and secrete melatonin cyclically at night (dark period). Although in cold-blooded vertebrates (lower-vertebrate species), the pineal gland is photosensitive, this property is lost in higher vertebrates. In higher vertebrates, light is sensed by the inner retina (retinal ganglion cells) that send neural signals to the visual areas of the brain. However, a few retinal ganglion cells contain melanopsin and have intrinsic photoreceptor capability that send neural signals to non-image forming areas of the brain, including the pineal gland through complex neuronal connections. The photic information from the retina is sent to the suprachiasmatic nucleus (SCN), the major rhythm-generating system or "clock" in mammals, and from there to the hypothalamus. When the light signal is positive, the SCN secretes gamma-amino butyric acid, responsible for the inhibition of the neurons that synapse in the paraventricular nucleus (PVN) of the hypothalamus, consequently the signal to the pineal gland is interrupted and melatonin is not synthesized. On the contrary, when there is no light (darkness), the SCN secretes glutamate, responsible for the PVN transmission of the signal along the pathway to the pineal gland. The PVN nucleus communicates with higher thoracic segments of spinal column, conveying information to the superior cervical ganglion that transmits the final signal to the pineal gland through sympathetic postsynaptic fibers by releasing norepinephrine (NE). NE is the trigger for the pinealocytes to produce melatonin by activating the transcription of the mRNA encoding the enzyme arylalkylamine N-acetyltransferase (AA-NAT), the first molecular step for melatonin synthesis.



Date : 12/05/2021

Dear Pradeep Kumar Jaiswal

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "**Removal Of Heavy Metal Ions in Village Amora in Janjgir Champa C.G.**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

Removal Of Heavy Metal Ions in Village Amora in Janjgir Champa C.G.

¹Pradeep Kumar Jaiswal, ²Dr. Manish Upadhaya, ³Dr. Manish Kumar Tiwari

¹D.P Vipra College Bilaspur (C.G.)

²Dr. C.V. Raman University Kargi Kota (C.G.)

³D.P. Vipra College Bilaspur (C.G.)

Abstract

In this century, the development of nanotechnology is projected to be the establishment of a technological evolutionary of this modern era. Recently, nanotechnology is one of the most active subjects of substantial research in modern material sciences and hence metal nanoparticles have a great scientific interest because of their unique optoelectronic and physicochemical properties with applications in diverse areas such as electronics, catalysis, drug delivery, or sensing. Nanotechnology provides an understanding on fundamental properties of objects at the atomic, molecular, and supramolecular levels. Besides, nanotechnology also leads an alternative technological pathway for the exploration and revolution of biological entities, whereas biology provides role models and biosynthetic constituents to nanotechnology. The findings of this review are important to provide an alternative for the green synthesis of silver nanoparticles. It showed more cost-effective and environmental friendly application as well as easier for large production, with relation to the properties of silver nanoparticles as antimicrobial, can be served well as an alternative antiseptic agent in various fields. Typically, silver nanoparticles are smaller than 100 nm and consist of about 20–15,000 silver atoms. Due to the attractive physical and chemical properties of silver at the nanoscale, the development of silver nanoparticles is expanding in recent years and is nowadays significant for consumer and medical products.

Keywords: Bio-nanotechnology, Silver nanoparticles, Plant-mediated synthesis, Antimicrobial agent, Biosynthesis, Nanotechnology

Introductions In recent years, nanotechnology is an escalating field of modern research (Edhaya Naveena and Prakash 2013) involving in synthesis design, characterization, production, and application of structures, devices, and systems by controlling shape and size at the nanometer scale (Madhuri et al. 2012). Nanotechnology also involves synthesis of nanoparticles of size ranging from 1 to 100 nm (EU 2011; Adlakha-Hutcheon et al. 2009). Moreover, there is a new branch of nanotechnology existing, which is bio-nanotechnology that integrates principles of biology with physical and chemical procedures to generate nano-sized particles with specific functions (Kathiresan et al. 2009; Qi and Wang 2004; Roduner 2006). The biobased protocols for synthesis of nano-metals are both environmentally and economically green as they are based on green chemistry principles and are simple, relatively inexpensive, and easily scaled up for larger scale production (Mohanpuria et al. 2008; Iravani 2011; Prabhu and Poullose 2012). However, the chemical methods available are often expensive, utilize lethal chemicals, and are comparatively complex. Hence, biosynthesis of nanoparticles using biological agents such as microbes or plant extracts has gained much attention in the area of nanotechnology in last few decades (Malik et al. 2014). Generally, there are three main steps involved in green synthesis method, i.e., reaction medium selection, biological reducing agent selection, and selection of noncarcinogenic substances for stability of nanoparticles (El-Shishtawy et al. 2011). Yet, plant-mediated preparation of nanoparticles can be advantageous over other biobased synthesis because the procedure of maintaining cell cultures can be omitted and it is also suitable for large scale production.

Preparation Of Nanoparticles.

Generally, nanomaterials can be fabricated through two main methods, i.e., "top-down" and "bottom-up" approaches (Forough and Farhadi 2010). The top-down approach basically works with the material in its bulk form, and the size reduction to the nanoscale is then achieved by specialized ablations, e.g., lithography, thermal



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¹Pradeep Kumar Jaiswal, ²Dr. Manish Upadhaya, ³Dr. Manish Kumar Tiwari

¹D.P Vipra College Bilaspur (C.G.)

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Abstract

In this century, the development of nanotechnology is projected to be the establishment of a technological evolutionary of this modern era. Recently, nanotechnology is one of the most active subjects of substantial research in modern material sciences and hence metal nanoparticles have a great scientific interest because of their unique optoelectronic and physicochemical properties with applications in diverse areas such as electronics, catalysis, drug delivery, or sensing. Nanotechnology provides an understanding on fundamental properties of objects at the atomic, molecular, and supramolecular levels. Besides, nanotechnology also leads an alternative technological pathway for the exploration and revolution of biological entities, whereas biology provides role models and biosynthetic constituents to nanotechnology. The findings of this review are important to provide an alternative for the green synthesis of silver nanoparticles. It showed more cost-effective and environmental friendly application as well as easier for large production, with relation to the properties of silver nanoparticles as antimicrobial, can be served well as an alternative antiseptic agent in various fields. Typically, silver nanoparticles are smaller than 100 nm and consist of about 20–15,000 silver atoms. Due to the attractive physical and chemical properties of silver at the nanoscale, the development of silver nanoparticles is expanding in recent years and is nowadays significant for consumer and medical products.

Keywords: Bio-nanotechnology, Silver nanoparticles, Plant-mediated synthesis, Antimicrobial agent, Biosynthesis, Nanotechnology

Introductions In recent years, nanotechnology is an escalating field of modern research (Edhaya Naveena and Prakash 2013) involving in synthesis design, characterization, production, and application of structures, devices, and systems by controlling shape and size at the nanometer scale (Madhuri et al. 2012). Nanotechnology also involves synthesis of nanoparticles of size ranging from 1 to 100 nm (EU 2011; Adlakha-Hutcheon et al. 2009). Moreover, there is a new branch of nanotechnology existing, which is bio-nanotechnology that integrates principles of biology with physical and chemical procedures to generate nano-sized particles with specific functions (Kathiresan et al. 2009; Qi and Wang 2004; Roduner 2006). The biobased protocols for synthesis of nano-metals are both environmentally and economically green as they are based on green chemistry principles and are simple, relatively inexpensive, and easily scaled up for larger scale production (Mohanpuria et al. 2008; Iravani 2011; Prabhu and Poulouse 2012). However, the chemical methods available are often expensive, utilize lethal chemicals, and are comparatively complex. Hence, biosynthesis of nanoparticles using biological agents such as microbes or plant extracts has gained much attention in the area of nanotechnology in last few decades (Malik et al. 2014). Generally, there are three main steps involved in green synthesis method, i.e., reaction medium selection, biological reducing agent selection, and selection of noncarcinogenic substances for stability of nanoparticles (El-Shishtawy et al. 2011). Yet, plant-mediated preparation of nanoparticles can be advantageous over other biobased synthesis because the procedure of maintaining cell cultures can be omitted and it is also suitable for large scale production.

Preparation Of Nanoparticles.

Generally, nanomaterials can be fabricated through two main methods, i.e., "top-down" and "bottom-up" approaches (Forough and Farhadi 2010). The top-down approach basically works with the material in its bulk form, and the size reduction to the nanoscale is then achieved by specialized ablations, e.g., lithography, thermal



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Dear A. Sri Ram

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "**A comparative study on the effectiveness of online and offline teaching pedagogy**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

A comparative study on the effectiveness of online and offline teaching pedagogy

¹A. Sri Ram, ²Gurudeo Kumar

¹Assistant Professor, Department of Commerce
D. P. Vipra College, Bilaspur (C.G.)
ayyagarisriram74@gmail.com, gurudeokumar15@gmail.com

Abstract

In March 2020, the world is confronting with COVID-19 which is declared as the global pandemic and affected all lives, processes and systems adversely. The biggest challenge for education system in India was to switch from traditional teaching to online mode of teaching. Technology has changed everything but sometimes exceptional changes may not give good results. This research paper has presented comparative study based on the effectiveness of online and offline teaching pedagogy. Survey is conducted to understand various aspects of online and offline teaching learning. Students reported the pros and cons of online and traditional teaching. The comparative study will be helpful for the measuring the effectiveness of teaching pedagogy and will also ensures for the effective learning outcomes.

Keywords: Online teaching, Offline teaching, COVID-19, Pandemic, Pedagogy

Introduction:

The COVID-19 pandemic in India is a part of the worldwide pandemic of corona virus disease 2019 (COVID-19) caused by severe acute respiratory syndrome corona virus 2 (SARS-CoV-2). The first cases of COVID-19 in India were reported on 30 January 2020 in three towns of Kerala, among three Indian medical students who had returned from Wuhan, the epicenter of the pandemic. Lockdowns were announced in Kerala on 23 March and in the rest of the country on 25 March. Due to this pandemic a drastic changes taken place in every system and the education system is also witnessed a change in the teaching-learning process. In India's education system a change has taken place from offline teaching to online teaching pedagogy. A sudden change in the education system provides a scope to measure the effectiveness of online and offline teaching pedagogy. COVID-19 compelled the academicians to re-think the way of teaching from traditional to online mode of teaching. A survey was conducted from more than 500 students belonging to Graduation and Post-Graduation of the colleges situated in Bilaspur District of Chhattisgarh to know about the effectiveness and satisfaction level among the students for online and offline teaching pedagogy.

Objectives of the study:

- To study about the effectiveness of online and offline teaching pedagogy.
- To study about the satisfaction level among the students between online and offline teaching.

Review of Literature:

Neuhanser, C. (2002) investigated two sections of students who have chosen the same course. At the end of the study, it is observed that 96% of the student responded that online course is more effective than one to one classes. It is studied that there are no differences in test scores, assignment submission, and final grades.

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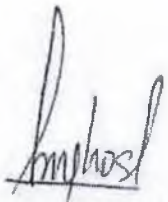
Dear Gurudeo Kumar

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Research Article

A comparative study on the effectiveness of online and offline teaching pedagogy

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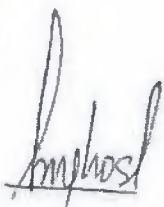
Dear Shriti Somvanshi

Acceptance Letter for your Research Article to Publish

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Research Article

Studies On the Toxicity Effect of Mercuric Chloride on The Ovary (Gonads) In *Gambusia Affinis*

Shriti Somvanshi, R. K. Singh

Dept. Of Zoology D.P.Vipra College Bilaspur (C.G.), Hod. Dept. Of Zoology,
Dr.C.V.Raman University, Kota, Bilaspur (C.G.)

Abstract

Mercury is a naturally occurring metal with a long history of human uses. It has been found in Egyptian tombs dating back to 1500B.C. more recently, scientists have said that the substance can behave as a neurotoxin in certain form and harm unborn children if ingested by pregnant women. Mercury and its compounds have found usage in a very wide range of activities through the ages. In the present study the toxic effects of heavy metals on fish in aquatic ecosystem, heavy metals are considered as the most important pollutants. Heavy metal such mercury are of the most important pollutant which effect aquatic environment and fish. Lethal and sub lethal doses are prepared in different ppm. or concentration of mercury chloride and their toxic effects in gonads.

Keywords- *Gambusia*, ovary, Mercury

INTRODUCTION

The work done on the fishes related to their reproductive biology is considered as one of the pioneering works related to fishes. Geiser, S.W (1921) has critically described the seasonal changes in ovaries of *Gambusia affinis*. In 1931, Craig Bennett, M.A. worked on the reproductive cycle of the three spined stickle back. Mercury forms few organic compound and it was believed that the mercury although poisonous would not get into food chain but microbial action converted inorganic mercury into Methyl Mercury. Fish absorb methyl mercury from water 100 times faster than they absorb including the amount and route of intake, the duration of exposure, and the species affected. Reproduction is an important biological trait to produce new individuals organism and is fundamental for the life of an individual as well as the survival and development of the species (ROYCHOUDHURY *et al* 2014). The reproductive system controls the morphological development and physiological differences between male and female as well as influences the behavior of the organism (Lukac N. *et al* 2009). Industrial development and agricultural activities have resulted in varying degrees of environmental pollution and recognition of toxic elements in the food chain (Satarig S. *et al*). Many elements have been described as highly toxic, while others are essential to living systems (Anyanwu B.O. *et al* 2020). Unpolluted water contains trace amounts which do not exceed than 0.1 microgram/litre of mercury (Devilu *et al* 2006). The main source of mercury in environment is the fungicides, especially in the organic fungicides as mercurial materials which are organic compounds of mercury. The chronic data about mercury toxicity indicates that the organic form of mercury, methylmercury is the most chronically toxic of the mercury compounds (USEPA 1986, Deng *et al* 2015), and it is estimated that 70 to 100% of the mercury in fish is present as methylmercury (Ambund *et al* 2007, Nostbakken *et al* 1999). The LC_{50} of methylmercury for fish is reported to be in the range of 0.0004-0.125 mg/L, depending on the species, which is far lower than the LC_{50} of inorganic mercury (WHO 1989) the adverse effect of methylmercury was first recognized in the early 1970s following the pollution of Minamata Bay, Japan (Tsubaki *et al* 1977).

MATERIAL & METHODS

For The present study the fresh water fish *Gambusia affinis* female was selected. The sexual dimorphism are present in the females and recognizable by swollen belly. The collection of fishes was made for one complete reproductive cycle. Fresh fishes were collected. Prepared the lethal & sub-lethal doses in different ppt. or concentration of mercury chloride and gonad were dissect out and fixed in aqueous bouin's fluid for the study of

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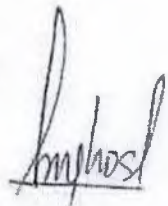
Dear Dr. Taru Tiwari

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "I.C.T. In History" is accepted in the journal "Turkish Online Journal of Qualitative Inquiry" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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I.C.T. In History

Dr. Taru Tiwari

INTRODUCTION:

Information as an object and communication is a means. Communication is a process of transmitting ideas, facts, opinions, activities etc. from one person to another person. History is narration of past events and activities which occur in the life of human civilization. Events like war, natural calamities, peace and other important happenings of ancient period are predominantly described in history. History is also information which passes from elders to youngsters. Various developments of human beings, which occur gradually in the past, become history. History, in the form of information, is communicated from one generation to another generation on continuous basis. Thus ICT has to play an important role in the subject of history.

INFORMATION:

Information, we mean, development of human activities in past and present period. The new information gets generated due to different human activities. It is a continuous process of information generation. People always communicate their opinion and thoughts to the public in manuscript and form of tales. In this way knowledge continuously gets enriched. Information is a powerful source which affects human life. The print media is the most powerful source of information in all parts of the world.

INFORMATION TECHNOLOGY:

The technique which helps in receipt, storage, collection and transmission of information from different activities and source, is called Information Technology (IT). To achieve the above objective help is taken from many auxiliary means and management expertise. Generally it is told that we are living in the IT era. Many high-tech equipment like computers, telecommunication, microelectronics etc. are involved in IT.

The developments which we observe in modern age in the field of IT are mainly due to micro-electronic equipment e.g. computer science, the application of technology and engineering in regularization and motivation efforts are expressed as information technology.

COMMUNICATION OF INFORMATION:

The receipt and transmission of informational activities are known as communication. Stored information has no use without communication. Communication performs the work of transfer of information from one place to another place. Therefore, we can say that the communication is an activity of information exchange.

HISTORY:

History is the collection of events, activities, in the life of human society of the past, hundreds and thousands of years ago. It is not only a story of waxing & waning of states or country, victory & defeat in a war, social debacles or growth in human civilization but it is a story of gradual development of human (2)

Society. It is a strong believable collection of events occurred in the past, hundreds of years ago, in human life. In words of famous historian "RAIKAR" history is a development of games and human activities.



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Dear Varsha Singh

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "A Review Paper on Big Data and Data Mining Concepts and Techniques" is accepted in the journal "Turkish Online Journal of Qualitative Inquiry" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

A Review Paper on Big Data and Data Mining Concepts and Techniques

Varsha Singh

Abstract

In the digital era like today the growth of data in the database is very rapid, all things related to technology have a large contribution to data growth as well as social media, financial technology and scientific data. Therefore, topics such as big data and data mining are topics that are often discussed. Data mining is a method of extracting information through from big data to produce an information pattern or data anomaly.

Keywords-component: data, big data, data mining.

INTRODUCTION

Since the digital era began and the internet began to be used extensively in the early 1990s, it has produced tremendous amounts of data transactions. Even long before the internet era of things a few decades earlier several studies had discussed the data of the washhouse, big data and data mining. Analogously, data mining should have been more appropriately named "knowledge mining from data," which is unfortunately somewhat long. However, the shorter term, knowledge mining may not reflect the emphasis on mining from large amounts of data. Nevertheless, mining is a vivid term characterizing the process that finds a small set of precious nuggets from a great deal of raw material.[1] Data mining is used to analyze and explore large amounts of data to find a valuable result from the extraction, there is a lot of information that can be extracted from a collection of databases that can be used for several needs, for example a company engaged in the commercial sector can utilize the transaction data to find optimal sales patterns. Thus, the income from a company can be increased through the use of data mining.

CONCEPTS

A Big Data Big data is data that contains greater variety arriving in increasing volumes and with ever-higher velocity. This is known as the three Vs.

- Volume The amount of data matters. With big data, you'll have to process high volumes of low-density, unstructured data. This can be data of unknown value, such as Twitter data feeds, clickstreams on a webpage or a mobile app, or sensor-enabled equipment. For some organizations, this might be tens of terabytes of data. For others, it may be hundreds of petabytes.
- Velocity Velocity is the fast rate at which data is received and (perhaps) acted on. Normally, the highest velocity of data streams directly into memory versus being written to disk. Some internet-enabled smart products operate in real time or near real time and will require real-time evaluation and action.
- Variety Variety refers to the many types of data that are available. Traditional data types were structured and fit neatly in a relational database. With the rise of big data, data comes in new unstructured data types. Unstructured and semistructured data types, such as text, audio, and video require additional preprocessing to derive meaning and support metadata. B. Data Mining Data mining is the process of finding anomalies, patterns and correlations within large data sets to predict outcomes.

ALGORITHM

A. Decision Tree algorithm Decision Tree algorithm belongs to the family of supervised learning algorithms. Unlike other supervised learning algorithms, decision tree algorithm can be used for solving regression and classification problems too. The general motive of using Decision Tree is to create a training model which can use to predict class or value of target variables by learning decision rules inferred from prior data(training data). The understanding level of Decision Trees algorithm is so easy compared with other classification algorithms. The decision tree algorithm tries to solve the problem, by using tree representation. Each internal node of the tree corresponds to an attribute, and each leaf node corresponds to a class label.

B. Genetic Algorithms (Complex Adaptive Systems) A genetic or evolutionary algorithm applies the principles of evolution found in nature to the problem of finding an optimal solution to a Solver problem. In a "genetic



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Dear Dr. Oorja Ranjan Sinha

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled " **Virginia Woolf On Method**" is accepted in the journal " **Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Research Article

"Virginia Woolf On Method"

Dr. Oorja Ranjan Sinha

Assistant Professor of English, D.P. Vipra College, Bilaspur (C.G)

Abstract

Virginia Woolf proclaimed "on or about December 1910, human nature changed". Human nature changed." Nevertheless, the truth is that human nature is what it is and, therefore, to talk of human nature changing is to say that our understanding of human nature is not the same. The basic truth is that man is a psychical entity rather than a biological existence. This implies that the individual human being could not be understood from outside – that is, from what he says or does; he can essentially be known from what he thinks and feels, which may lead him to perform something even unconsciously. With this understanding of man as a being constituted of several psychological facts and forces, the whole perspective of novel writing changed in the early 20th Century. The fiction writer was faced with the problem as to what could be the substance of a novel and what could be the effective way of dealing with the material. She held the view that the proper method of novel writing would be to get to the bottom of the mind. How does Virginia Woolf deploys, defines and perfects this method is the subject matter of this paper.

December 1910 is an important date in the history of novel writing. On this day Virginia Woolf proclaimed, "on or about December 1910, human nature changed." Nevertheless, the truth is that human nature is what it is and, therefore, to talk of human nature changing is to say that our understanding of human nature is not the same. The basic truth is that man is a psychical entity rather than a biological existence. This implies that the individual human being could not be understood from outside – that is, from what he says or does; he can essentially be known from what he thinks and feels, which may lead him to perform something even unconsciously. With this understanding of man as a being constituted of several psychological facts and forces, the whole perspective of novel writing changed in the early 20th Century. Woolf asked the question: "Is life like this? Must novels be like this?" And she herself gave the answer in these words: "Look within and life, it seems, is very far from being like this". The realization of this truth that life cannot have a fixed pattern as bearing on novel writing – we do not need a story writer to tell the story of a character for the character's unconscious mind unravels the man and this natural way of revealing him is more authentic than a third party's description about him; we do not need a plot – in fact, we do not need anything pre-planned. Life of an individual follows its own course, none can catch it, and none needs to restrict.

The fiction writer was faced with the problem as to what could be the substance of a novel and what could be the effective way of dealing with the material. Woolf realized that life is not a series of gig lamps, serially arranged, (but) a luminous halo, a semi transparent envelope surrounding us. If life does not have a pattern, does not have a non-ethereal substance and a direction to move on, novel writing is a difficult job. Things would become worse if we do not have access to the intricate mind. Therefore, the proper method of novel writing would be to get to the bottom of the mind. How does Virginia Woolf deploys, defines and perfects this method is the subject matter of this paper.

Researches done in depth psychology assert that consciousness is not made of bits but is only a continuum so that anything floating on the surface can be explained in terms of ideas and emotional elements lying at the bottom. This means it is really the unconscious mind that reveals the truth about the man or the character of the individual. The revelations of the conscious mind may be true, but not always. But the unconscious mind always tells the truth. For the purpose of reading the real character of an individual we must understand that consciousness is an undivided whole. And the truths about it can be known by dividing the mind into layers of Consciousness. The conscious mind takes stock of things and events of the present, but the unconscious relates to things of the past. The relation of past time with present time is reflected in the act of remembering. In other words, an event of the past has its place in the unconscious mind, but it can be recalled in the present. Thus, anything lying in the unconscious mind can become the part of the conscious mind as a



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Dear Dr. R. N. Yadav

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled **"Arpa Bhaisajhar Project in Bilaspur District (A Geographical Study)"** is accepted in the journal **"Turkish Online Journal of Qualitative Inquiry"** e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

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Arpa Bhaisajhar Project in Bilaspur District (A Geographical Study)

Dr. R. N. Yadav

Assistant Professor (Geography), DP Vipra College Bilaspur

Abstract

Bilaspur Arpa Bhaisajhar Project is located on Arpa River in Kota development block of Bilaspur district. The length of this barrage is 140 m. It has a height of 9.75 meters with 8 water gates and water logging : 22168 MOM. Along with the various objectives of this irrigation project, it is the responsibility of keeping nature-given rain water safe and clean. This district is located in the central part of the state, with a total area of 3500.46 sq. km. Where the total population of the district is 18,502 it is based on secondary data and mapping has been done as per requirement. Clarifying the importance of irrigation.

Mr. Nayla has said that irrigation has tried to save life. Irrigation has proved to be a boon for human life in the field of agriculture and the income received from them, so this project is progressing in agriculture; crop production with irrigation facilities to the surrounding areas, where various suggestions of the project are will prove helpful in being developed.

Introduction:

Bilaspur city is about 400 years old. And it is named on the name of a woman "Bilasa". It continues towards development even after the disasters from time to time. Arpa Bhaisajhar Project is situated on the Arpa river of Kota development block of Bilaspur district. The length of this barrage is 147 meters. Its height is 9.75 meters with 08 water gate in it. The total water holding capacity of this project is 22.16 MCM, where 16.40 MCM is for use only. This project has been completed. The length of its main canal is 56.64 K.M. The length of its branch and distributor canal is 103.10 km. The project provides 2500 hectares of irrigation facility in 102 villages of Kota, Takhatpur and Bilha development blocks.

Objectives:

1. To expand the means of irrigation in Bilaspur district and promote water conservation.
2. To assess the water level situation in the surrounding areas from Arpa Bhaisajhar project.
3. To clarify the effect on agricultural production due to increase in irrigation facilities, apart from this it will also be useful for industrial factories, water supply, shipping and hydropower.
4. It is also an objective to fulfill the responsibility of keeping nature-given rain water safe and clean.

Study Area:

This district is located in the central part of the state; its geographical range is located between 21°47' to 23°00' north latitude and 81°14' to 83°15' east longitudes. This district is bounded by Gaurela-Pendra Marwahi in the north, Mungeli and KabirDham districts in the west, Baloda Bazar, Bhatapara in the south and Korba and Janjgir-Champa districts in the east. Its total area is 3508.48 sq. km. The total population



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Dear Dr. M. S. Tamboli

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Current Challenges and Their Solutions

¹Dr.MS Tamboli, ²Prof.Kiran Dubey

¹Head of Department

²Assistant Professor Public Administration Department
DP Vipra College Bilaspur (Chhattisgarh)

Preamble:- One of the natural obligations of man is to perform action. The discharge of the responsibilities given to us can be said to be one of the human needs. That is why business, job, profession, business, education, employment – human community has become an integral part. A person does something or the other, appears to earn through one or the other medium, even though his forms may be different. This thinking becomes important in the present perspective because today we are not in a position to say correctly that what will be the nature of the employment world after 50 years from today. This is because the rapid development of machine learning to robotics that has emerged in the past, may have given the employment world that form in the next 50 years, which is not even possible to predict today. Problem:- Due to today's technological revolution, we are seeing automation decreasing in almost every part of the society. Seeing this happening naturally, many fear that after everything is automated, the employability of a person will be zero? It is not that people have not had such fear before. Even when the era of industrialization came, many felt that its results would be similar and a large community would have lost jobs and professions etc., but history is witness that nothing like this happened. The possibilities of employment increased, the life of the people became happy and many new opportunities of prosperity and wealth also took birth. Despite all these assurances, the reasons for people's apprehension this time are also reasonable. In human beings we find two types of main powers - one is physical force and the other can be called intellectual force. In the era of industrialization, machines took the place of human manual labor, but even then humans had intellectual control over them. With the advent of tractors in agriculture, industry, etc., the role of human beings in factories did not decrease, but increased. Because of communication: Intellectual tasks like structure, analysis were possible to be done by humans only, but this time the challenges are different and this time with the rise of the dominance of Artificial Intelligence (AI) the role of humans seems to be in danger for the first time. In general, when the name of AI comes up, people think that it is talking about computers, but it is not so. From biology to social science, today we are seeing self-automation or automation happening. For example, the work of driving a car is also an intellectual, physical, abilities in addition to the ability to guess. It is necessary for the driver to have an idea of the person standing on the side of the road, at what speed he is coming towards the road, so that he can apply the brakes in time. Now gradually the automatic vehicles running without drivers seem to be doing this task better than humans. Since we are not seeing this happening in India, we cannot imagine that today more than thousands of such vehicles have hit the roads of America and Europe and within a decade they will probably be used on a daily basis all over the world. Would have been The question arises that if only automatic vehicles start running in the whole world, as it is likely to happen in the next 50 years, then what will happen to the daily employment of so many people? So what will they do

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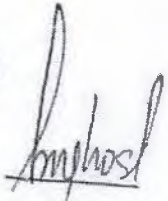
Dear Kiran Dubey

Acceptance Letter for your Research Article to Publish

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Current Challenges and Their Solutions

¹Dr.MS Tamboli, ²Prof.Kiran Dubey

¹Head of Department

²Assistant Professor Public Administration Department
DP Vipra College Bilaspur (Chhattisgarh)

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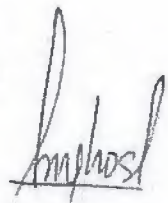
Dear Dr. Abha Tiwari

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Atomic Weaponisation: A Global Problem Analysis and Suggestion

Dr. Mrs. Abha Tiwari

Assistant Professor (Political Science)

Rupendra Kumar Sharma Assistant Professor, (Political Science) DPVP College Bilaspur (Chhattisgarh)

Abstract

With the existence of the universe, problems and solutions also emerged. Problem and solution are complementary to each other. If there is a problem then there is a solution too. The problem begets the solution. As soon as the problem arises, efforts to solve it start. Today the world is passing through the latter half of globalization. Scientific invention and technology are going to touch the peak. Where the doors of human development are open, the entire creation has been put on the verge of destruction. Every country is trying to establish its national unity, integrity, sovereignty, security and sovereign. This concern and ambition have fueled the creation and stockpiling of destructive weapons, which is the world's most pressing problem today. All the fauna of the forest gathered to participate in the disarmament conference. The lion looked at the vulture seriously and said that we have to end the nails of the birds of prey. Looking at the elephant, the cheetah said, these external teeth also have to be removed, the elephant said looking at the cheetah, nails and claws should also not be there. Similarly, taking turns, an animal would come up and talk about ending the sharp teeth or nails of the one from whom its sight fell except itself. At last, the bear got up from his place and said with a very sweet tone comrades, finish all, eradicate all, just leave this great all-country embrace.' It has turned the world's most beautiful cities of Hiroshima and Nagasaki into a pile of ashes, which still remains today. At present, seven countries have conducted nuclear tests. About a dozen will join the group of nuclear weapons in the next five to six years. Eight countries have got the capability to manufacture nuclear weapons. Today, there is a stockpile of about 60 thousand weapons in the world, as well as scientific technology has developed so much, so much availability of scientific literature can prepare nuclear weapons. According to an estimate, the destructive weapons available in the world can destroy the world a dozen times. The nuclear arms race has brought the entire human race to the brink of catastrophe. Need: The world has suffered two devastating tragedies. The main reason for this is the arms race. Today there is a need to take a change in human thinking, the appetite of the stomach of man can be pacified, but only positive thinking will be needed to control mental hunger. In today's materialistic nuclear age, both man and nation are limited only to their own interests and security, but talking about world peace, coexistence and fraternity is not going to happen in such a situation. We have to bring equanimity in our words and deeds, we have to accept the existence of others along with our existence. "The concept of war has to be abandoned for the use of weapons for war. War is not the



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Dear Dr. Sadhana Shome

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Old Age: Status And Problems A Sociological Study

Dr. Sadhana Shome

Assistant Professor (Sociology)

Abstract

Among the various problems of human life, old age appears to be a multidimensional problem in itself. Generally, none of us wants to grow old, and even if old age is dependent and problematic, old age cannot be avoided at any cost. Yes, it is necessary that various problems related to aging can definitely be solved with great understanding and intellectual cleverness. Women and men are considered to be two complementary sides of the same coin of life, yet the last stage of life of women i.e. old age is very pathetic, complicated and difficult as compared to men.

After independence, due to the coordinated effects and results of various processes of social change, scientific and technological progress, etc., there has been a proper improvement in the condition of women, yet the condition of women in many conservative families is not very good. Women consider education as the basis for spoiling the society. Going out of the house and working like men is still considered against the dignity and dignity, this indicates that how many steps have been taken to elevate the status of women from the legal and theoretical point of view, but from a practical point of view, the discriminatory attitude towards them and their disdain and harassment still continues, for this not only the men's class but the women's class is also to some extent to blame.

Aging is an inevitable and irreversible process, it is such a process, which starts with the understanding of a particular condition / condition of the person and continues throughout life, has studied old age from many aspects globally.

1. Biological Aspect:

In this context Berger F (1963) and M. s. The study and conclusions made by Kanungo (1982) are important. You say that it is a difficult task to take cognizance of old age on biological basis, because a 40 year old person may appear like an old man and 60 years old also shows talent and efficiency like a young man, so on biological basis old age can be considered. It is difficult to define.

2. Psychological Side:

This aspect is related to the person's state of mind, thought perception, emotion, impulse ability etc. In this context, Vime James (1964), Anand Raman (1982) is of the view that the loss of memory and dexterity is the indicator of old age. A person automatically starts to consider himself old from his own mind.

3. The Aspects of Anatomy and Health:

Pathak J.D. (1982) has clarified that the human body is made up of millions of cells. These cells, once destroyed or weakened, do not regenerate effectively.

4. Socio-Economic Aspects:

Lack of free sovereignty in the family, decision-making power, participation, deviation from traditional values, family responsibility, isolation, attitude of the elderly towards changes etc. is used for the assessment of old age. Partial changes within the body composition, invasion and arrival of

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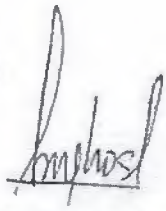
Dear Reena Tamrakar

Acceptance Letter for your Research Article to Publish

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Study of Urbanization and Functional Pattern in North Chhattisgarh

Dr. Reena Tamrakar, Prof. Gendlal Banjare

Department Of Geography
DP Vipra P.G. College Bilaspur (C.G.)
E-mail: reenatamrakar23@gmail.com

Abstract

North Chhattisgarh (Surguja, Korea and Jashpur district) has been selected for the study of urbanization and urban functional pattern. This part of Chhattisgarh is considered to be economically backward area. The main occupation of the people here is agriculture. Most of the population resides in the village. But in recent years, as a result of increase in urbanization and industrialization, the rural population has decreased. The percentage of urbanization in Chhattisgarh is 23.24 percent in 2011, while the percentage of urbanization in North Chhattisgarh is 13.54 (Korea 31.16, Surguja 10.29 and Jashpur 8.92 percent). There is considerable variation in the proportion and functions of urbanization. Therefore this area has been chosen for the study of this subject. Because there have been limited opportunities for urbanization. But the impact of the nature of urbanization can be seen with the establishment of co-operatives, agricultural produce collection, development of transport routes.

Preface:-

Cement and concrete forests have found great expansion in today's science and technology era. The pace of development has transformed village into town and town into town. By the way, the history of the study of cities as an urban geography is not very old. It has attracted the attention of scholars since the nineteenth century. There is continuous migration of people from rural areas to the city. With the increase in the population in the cities, the complexity of the tasks is also increasing. The city has its own specific functions and on the basis of these, its social, economic and political structure is known.

North Chhattisgarh has been selected for the study of urbanization and urban functional pattern. Under this part of Chhattisgarh, three northern districts (Surguja, Koriya and Jashpur) according to 2011, this part is considered to be economically backward area. The main occupation of the people here is agriculture and most of the population resides in the village itself. But in recent years the proportion of rural population has decreased as a result of urbanization and industrialization. In 1991 census, 82.6 percent of the population was rural, which has decreased to 79.92 percent in 2001 and 76.76 percent in 2011 and the percentage of urbanization in Chhattisgarh has been 23.24 in 2011. Whereas the percentage of urbanization in India has been 31.16 percent. In the district of North Chhattisgarh, 13.54 percent (Korea 31.16, Surguja 10.29 and Jashpur 8.92 percent) there is considerable variation in the proportion of urbanization and works. Therefore this topic has been selected for study.



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Dear Yupesh Kumar

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A handwritten signature in black ink, appearing to read "Samarendra", is written over a horizontal line.

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Prof. Yupesh Kumar

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Impact of British rule in Chhattisgarh

Prof. Yupesh Kumar

Assistant Professor (History)
DP Vipra College Bilaspur Chhattisgarh
Email - dr.yupesh@gmail.com

From 1741 AD to 1854 AD, Chhattisgarh was ruled by the Bhonsals of Nagpur. Chhattisgarh remained neglected during the Maratha rule. They saw it as a colony and exploited it for the fulfillment of the personal interest. Therefore, during this period in Chhattisgarh with anarchy, disorder and uncertainty, the situation here remained retrograde till 1854 AD and its development was blocked.

Maratha rule could not bring any innovation and progress in the political, social, economic and cultural field of Chhattisgarh. When the British rule was established in Chhattisgarh in the year 1854, then there was a definite change in the situation here. After many years of disorderly rule, peace and order was established here for the first time. The signs of regularity, agility and public interest were reflected in the British governance system. The beginning of a development-oriented, modern era was visible in this area due to the promotion of agricultural industry, new land system, revenue system, development of means of transport, proper taxation system, proper justice system and police system. Saw a ray of light.

Due to the British rule, the material progress of Chhattisgarh took place and it moved towards modernity. A new change was visible in its civilization and culture. The details of the elements which influenced the culture of Chhattisgarh during the British rule are as follows-

Administrative changes-

During this period general rules regarding British administration were established in Chhattisgarh. In this period, important work related to new principles and changes, administrative experiments, revenue finance, justice, police, creation of new system in relation to prison, new relations with landlord suppression of dacoits, robbers, establishment of peace, etc. Happened. In this way a new administrative system was introduced in Chhattisgarh.

During the British rule, efforts were made by the British to bring innovation and order in the administration of Chhattisgarh by establishing new posts. According to this, many steps were taken in the direction of their development by organizing the Department of Justice, Police, Forest, Education and Public Welfare. To make the revenue system effective at the lower level, Patwaris were appointed in the villages and a Revenue Inspector in the circle. For the first time, the British rule formulated a proper justice system here.

With a view to organize the Justice Department, the District and Sessions Judge was posted as the senior most officer in the Chhattisgarh Division, whose headquarters was Raipur. Due to this new system justice became cheap, simple and accessible in Chhattisgarh, with a view to make the justice system successful, the police department was alerted and organized. Indians started getting separated from the

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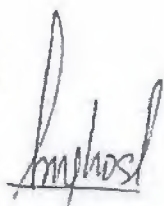
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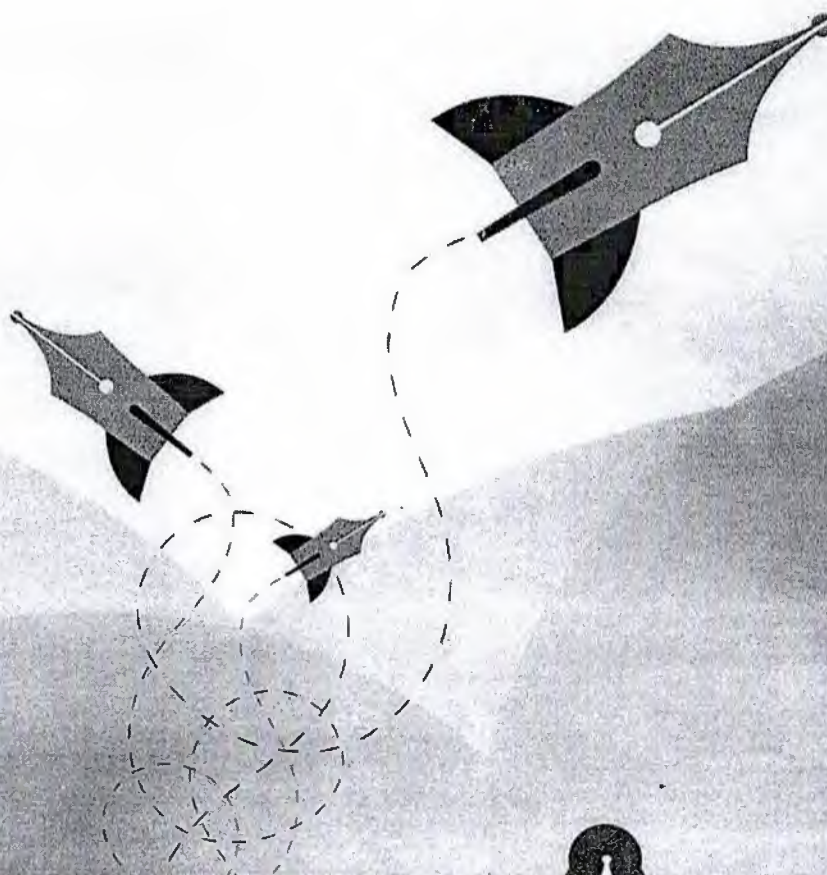
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Editor in Chief

Dr. Vinay Kumar Sharma
D. Litt. – Gold Medalist



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डॉ. (श्रीमती) साधना सोम**

शोध सारांश

आधुनिक भारतीय चिंतन में राष्ट्रवादी विचारधारा के प्रतिनिधि चिंतक के रूप में राष्ट्र गौरव पं. दीनदयाल उपाध्याय का नाम आता है। प्रो. हिरेन मुखर्जी ने उन्हें अज्ञातशत्रु की संज्ञा दी और आचार्य कृपलानी ने दैवीगुण सम्पन्न व्यक्ति के विशेषण के साथ उनका वर्णन किया। पं. दीनदयाल उपाध्याय जी भारतीय राजनीति में महत्वपूर्ण परिवर्तन करने की क्षमता रखते थे। पं. दीनदयाल उपाध्याय जी आजाद व अखण्ड भारत का निर्माण चाहते थे। भारतीय संस्कृति के आराधक, राष्ट्रीय भावों के अमर गायक, मानव के हित में समर्पित, कुशल संगठनकर्ता, मौलिक विचारक, दूरदर्शी, राजनीतिज्ञ, दार्शनिक, अर्थशास्त्री, समाजशास्त्री इतिहासकार एवं साहित्यकार थे।

Keywords: पंडित दीनदयाल उपाध्याय एकात्म मानववाद के प्रणेता राष्ट्रवादी चिंतक।

आधुनिक भारतीय चिंतन में राष्ट्रवादी विचारधारा के प्रतिनिधि चिंतक के रूप में राष्ट्र गौरव पं. दीनदयाल उपाध्याय का नाम आता है। प्रो. हिरेन मुखर्जी ने उन्हें अज्ञातशत्रु की संज्ञा दी और आचार्य कृपलानी ने दैवीगुण सम्पन्न व्यक्ति के विशेषण के साथ उनका वर्णन किया।

पं. दीनदयाल उपाध्याय जी का जन्म 25 सितम्बर 1916 में ग्राम-घनकिया राजस्थान में नाना पं. चुन्नीलाल जी के घर में हुआ। इनके पिता का नाम पं. भगवती प्रसाद उपाध्याय और माता का नाम श्रीमती रामप्यारी था। इनके पिताजी जलेसर रोड स्टेशन में स्टेशन मास्टर थे। पं. दीनदयाल उपाध्याय जी लगभग ढाई वर्ष के थे जब इनके पिता का देहावसान हुआ। 8 अगस्त 1924 को माता का भी निधन हो गया। मामा के संरक्षण में उनकी शिक्षा-दीक्षा राजस्थान में हुई। उन्होंने स्नातक स्तर की पढ़ाई कानपुर के श्री सनातन धर्म कॉलेज से किया। पढ़ाई में काफी होशियार थे विभिन्न परीक्षाओं में सर्वप्रथम आते रहे। प्रशासनिक सेवा परीक्षा में भी वे प्रथम आए, पर उन्हें नौकरी करना पसंद नहीं था। वे बी.टी. की पढ़ाई करने प्रयाग गये। "देश की दुर्दशा व परतंत्रता से द्रवित उपाध्याय जी ने आजीवन देश सेवा का अडिग संकल्प लिया और सर्वरूपेण भारत भूमि की सेवा में समर्पित हो गए।" दया दीक्षित। अखिल भारतीय जनसंघ की स्थापना होने पर उन्हें संगठन में भी पद दिया गया। वर्ष 1952 में जनसंघ के कानपुर अधिवेशन में डॉ. श्यामा प्रसाद मुखर्जी ने उन्हें भारतीय

जनसंघ का महामंत्री नियुक्त किया। 1967 में उन्हें पार्टी का अध्यक्ष चुना गया। 11 फरवरी 1968 में रहस्यपूर्ण परिस्थिति में उनकी हत्या हो गयी। मृत्यु के कुछ सप्ताह पूर्व पं. दीनदयाल उपाध्याय जी ने जनसंघ के ऐतिहासिक कालीकट अधिवेशन का अध्यक्षता की थी। इनके नेतृत्व में जनसंघ दक्षिण भारत पहुँचा।

पं. दीनदयाल उपाध्याय जी ने लखनऊ से प्रकाशित होने वाले पाँचजन्य साप्ताहिक और स्वदेश दैनिक जैसे राष्ट्रवादी समाचार पत्रों का सम्पादन किया। इनके द्वारा लिखित लघु उपन्यास का नाम 'चन्द्रगुप्त मौर्य' और 'शंकराचार्य' है। गणित और संस्कृत इनके प्रिय विषय थे। राजनीति में प्रवेश करने के साथ ही उन्होंने अर्थशास्त्र के महत्व को समझना। पं. दीनदयाल उपाध्याय जी भारतीय विचारक, अर्थशास्त्री, समाजशास्त्री, इतिहासकार, पत्रकार और एकात्म मानववाद के परिचायक के रूप में जाने जाते हैं।

पं. दीनदयाल उपाध्याय जी भारतीय राजनीति में महत्वपूर्ण परिवर्तन करने की क्षमता रखते थे। डा. श्यामाप्रसाद मुखर्जी ने उनके इस कार्यक्षमता को कानपुर अधिवेशन में देखा। उनमें संगठन कौशल की अदभुत क्षमता थी। इस पर डॉ. मुखर्जी ने कहा था- 'यदि मुझे दो दीनदयाल मिल जायें तो मैं भारतीय राजनीति का नक्शा बदल दूँ।'¹

डॉ. मुखर्जी के मृत्यु के बाद पं. दीनदयाल उपाध्याय जी ने संघ की कमान संभाल ली और आजीवन संघ की सेवा की।

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हमारी सम्पूर्ण व्यवस्था का केन्द्र "मानव" होना चाहिये हमारा आधार एकात्म मानव है जो एकात्म समिष्टियों का एक साथ अतिनिष्ठ करने की क्षमता रखता है। एकात्म मानववाद के आधार पर हमें जीवन की सभी व्यवस्थाओं का विकास करना है। डॉ. दया दीक्षित।

पं. दीनदयाल उपाध्याय जी का सर्वोपरि लक्ष्य समाज का उत्थान करना था। उनका मानना था कि मानव जन्म से नहीं अल्पात्मिक कर्म से महान बनता है। कम बोलना ज्यादा सुनना उनका मानव था। उपाध्याय जी ने चिन्तन की सूक्ष्मता को एकात्म मानववाद के द्वारा समझ सकते हैं। जिसमें मानव कल्याण व जीवन दर्शन की स्थापना के संबंध में विचार व्यक्त किये हैं। उनके द्वारा सामाजिक, आर्थिक समस्याओं के चार पुरुषार्थों - धर्म, अर्थ, काम, मोक्ष के संबंध में प्रकाश डाला गया है।

पं. दीनदयाल उपाध्याय जी का मानना है मानव जीवन लक्ष्मी नहीं, बहुलक्ष्मी है। अतः व्यक्ति के जीवन के एक पक्ष पर आवश्यकता से अधिक बल देने से अन्य पक्षों या आवश्यकताओं को उपेक्षा कर देने से वह सुखी, संतुष्ट नहीं रह सकता। उन्होंने मनुष्य के व्यक्तिगत जीवन के सार्थकता और अंतिम उद्देश्य की दृष्टि के प्रति समग्र एवं संतुलित दृष्टि रखने पर बल दिया। पं. दीनदयाल उपाध्याय के अनुसार मनुष्य की सभी क्रियाओं का एक उद्देश्य है- सुख या आनंद की प्राप्ति। पं. दीनदयाल उपाध्याय का विचार है कि जब मानव का शरीर, मन, बुद्धि और आत्मा ये चारों स्वस्थ रहेंगे तभी मनुष्य को सुख और वैभव की प्राप्ति हो सकेगी।

पं. दीनदयाल उपाध्याय ने उदाहरण देते हुए बताया- जब किसी मनुष्य के शरीर के किसी अंग में कांटा चुभता है तब मन को कष्ट होता है। मस्तिष्क अर्थात् बुद्धि हाथ को निर्देशित करती है तब ही हाथ कांटा को चुभे स्थान पर पल भर में पहुंच जाता है और कांटे को निकालने का प्रयास करता है। यह एक प्रक्रिया है। सामान्यतः मनुष्य शरीर, मन, बुद्धि और आत्मा इन चारों की चिंता करता है। पं. दीनदयाल उपाध्याय जी ने इसी दृष्टि को एकात्म मानववाद की संज्ञा दी।¹

पं. दीनदयाल उपाध्याय का मानना है कि यदि मानव का मन संतुष्ट न हो तो मन को आघात पहुंचता है। ऐसी स्थिति में अतिविष्ट भोजन भी विष तुल्य लगता है। अतः मन का सुख भी आवश्यक है। पं. दीनदयाल उपाध्याय के अनुसार व्यक्ति की मन की स्थिति सुख व दुख का द्योतक है। इनके अनुसार उपभोग का विकास राक्षसत्व का रास्ता है और मनुष्य के नियंत्रित मन का विकास देवत्व का रास्ता है। पं. दीनदयाल उपाध्याय जी का मानना है कि देवत्व का रास्ता नया रास्ता नहीं है। भारत में इस रास्ते का उपयोग साधु-संतों, गांधीजी व विद्वानों के द्वारा वर्षों से किया जाता रहा है। इस तरह व्यक्ति काम पर धर्म के माध्यम से नियंत्रण रखता है। काम पर नियंत्रण से ही पुरुषार्थ प्राप्त हो

सकती है। भारतीय संस्कृति में मोक्ष की प्राप्ति को मनुष्य जीवन का अंतिम लक्ष्य या परम पुरुषार्थ कहा गया है। इस प्रकार से धर्म को आधारभूत पुरुषार्थ माना गया है। धर्म, अर्थ, काम, मोक्ष एक दूसरे के पूरक हैं। उपाध्याय जी का मानना है "सबके साथ एकात्मता का अनुभव करते सर्वहित के लिए प्रयत्न न करके अकले अपना मोक्ष चाहने वाले को मोक्ष नहीं मिल सकता। मोक्ष के लिए प्रयत्न करने से अधिक महत्व उन्होंने धर्म को दिया और कहा कि धर्म आधारभूत पुरुषार्थ है, जिसमें अर्थ, काम और मोक्ष इन तीनों की प्राप्ति संभव है।"²

पं. दीनदयाल उपाध्याय जी का धर्म व धर्म राज्य से संबंध में मानना है कि धर्म वह है जो सबको धारण करता है। धर्म प्रकृति के उन विधानों का नाम है जिस पर यह सम्पूर्ण जगत टिका है। मानवता की रक्षा और उन्नति जिन नियमों से होती है, उनका नाम मानव धर्म है। इस प्रकार सभी प्रकार के उचित अनुचित के निर्णय का आधार धर्म ही है। धर्म के माध्यम से अर्थ, काम की मर्यादा का निर्धारण होता है। अर्थ व काम का मर्यादित होना पुरुषार्थ है। अमर्यादित अर्थ, काम, धर्म का नाश करता है तथा पतन की ओर ले जाता है। पं. दीनदयाल उपाध्याय का मत है कि - "धर्मानुसार चलने वाला अल्पमत भी धर्म विरुद्ध बहुमत से श्रेष्ठ है अतः विधि व्यवस्था के लिए विधान का निर्माण धर्म के अनुसार होना चाहिये न कि कोरे बहुमत के आधार पर।"

पं. उपाध्याय धर्म पर चलने वाले राज्य चाहते थे। जिसमें सब लोग एक-दूसरे का सम्मान करें। परम्पराओं भावनाओं एवं आवश्यकताओं का ध्यान रखें व एकात्मकता से रहे। मानव समाज में जन्म लेता है और समाज में रहकर ही उसका सर्वांगीण विकास होता है। मानव व समाज धनिष्ठ रूप से संबंधित हैं। मानव को स्वहित के साथ-साथ समाज के हित को ध्यान में रखना चाहिये। मानव व समाज एकात्मकता से जुड़े हैं। मानव व समाज एक दूसरे का पोषण करने वाले हैं।

पं. दीनदयाल उपाध्याय जी उस व्यवस्था को अपूर्ण मानते हैं जहां मानव को मानव न मानकर मशीन का पुर्जा माना जाता है। मानव चलित इकाई है उसकी दिशा समाज की ओर है। पं. दीनदयाल उपाध्याय का मानना है कि विश्व शांति की स्थापना एकात्म मानववाद का लक्ष्य है- "एकात्म मानवता एक ऐसी ही वैचारिक प्रणाली है जो एक-एक व्यक्ति के चारों पक्षों, अर्थात् धर्म, अर्थ, काम मोक्ष के विकास को संसार के सभी मनुष्यों में विकसित करना चाहती है। ऐसा होने पर व्यक्ति के साथ-साथ समाज भी पूर्ण होगा। स्वयं व्यक्तियों में आपस में विरोध नहीं होगा। न केवल एक राज्य एवं राष्ट्र पर विश्व के सभी राज्य एवं राष्ट्रों के बीच समन्वय हो जायेगा धर्म भाषा एवं जाति के नाम पर संघर्ष नहीं होंगे। वे अनेक तो रहेंगे, पर एक होकर रहेंगे। जिससे अन्तर्विरोध दूर हो जायेंगे तथा विश्व शांति के वातावरण में सभी विकास कर सकेंगे।"³ इस तरह विश्व के सभी मानव समाज

को सम्मान सुख एवं शांति से परिपूर्ण जीवन की प्राप्ति होगी।

एकात्म मानववाद भावनात्मक एवं क्रियाशील दर्शन पर आधारित है। यह संघर्ष पर नहीं सहयोग के आधार पर सर्वांगीणता एवं पूर्णता प्रदान करता है। पं. दीनदयाल उपाध्याय का मानना है कि मार्क्सवाद जहां सम्पूर्ण मानव जीवन में एकता स्थापित नहीं करता है तो दूसरी ओर एकात्म मानवतावाद मनुष्यों में सभी वादों प्रतिवादों को एक तरफ रखता हुआ सम्पूर्ण मानव एकता का समर्थक है।

प्रधानमंत्री नरेन्द्र मोदी का मानना है— पं. दीनदयाल उपाध्याय जी का ध्येय वाक्य— चरैवेति—चरैवेति था। यह राजनीति में लगातार देश हित में काम करने का प्रेरणादायी आव्हान था। जो देश-हित की इच्छा में देश भक्ति के संकल्प के साथ समाज को एकात्मता के भाव के साथ जोड़कर लगातार काम करने को प्रेरित करता है। हम पं. दीनदयाल उपाध्याय द्वारा दिखाए गये मार्ग पर चलें और एक विकसित एवं न्यायपूर्ण भारत के स्वप्न को पूरा करने के लिए मिलकर काम करें जहां। सबसे गरीब व्यक्ति का भी ध्यान रखा जाए”

यह आलेख इस बात का भी प्रमाण है कि, पं. दीनदयाल उपाध्यायजी आजाद व अखण्ड भारत का निर्माण चाहते थे।

भारतीय संस्कृति के आराधक, राष्ट्रीय भावों के अमर गायक मानव के हित में समर्पित, कुशल संगठनकर्ता, मौलिक विचारक दूरदर्शी, राजनीतिज्ञ, दार्शनिक, अर्थशास्त्री, समाजशास्त्री इतिहासकार एवं साहित्यकार थे।

सन्दर्भ :-

1. आधुनिक भारतीय राजनीतिक चिंतन डॉ. बी.एल. फडिय पेज 326, 327 साहित्य भवन पब्लिकेशन।
2. "राष्ट्र गौरव पं. दीनदयाल उपाध्याय," दया दीक्षित सूचना एवं प्रकाशन विभाग, उत्तर प्रदेश अंक जुलाई-सितम्बर 2017 पृष्ठ 11 से उद्धृत।
3. "भाषा"— अंक 273 वर्ष 57 सितम्बर-अक्टूबर 2017 केन्द्रीय हिन्दी निदेशालय भारत सरकार पृ. 63.
4. "राष्ट्र" गौरव पं. दीनदयाल उपाध्याय," दया दीक्षित सूचना एवं प्रकाशन विभाग, उत्तर प्रदेश अंक जुलाई-सितम्बर 2017 पृष्ठ 11 से उद्धृत।
5. "भाषा"—अंक 273 सितम्बर-अक्टूबर 2017, पृ. 55 वर्ष 57.
6. "संकल्प अंत्योदय" पृ. 5, छत्तीसगढ़ जनसंपर्क रायपुर सितम्बर 2017।



Research Article

Comparative Study on Anticoagulant Activity of Different Parts of *Achyranthes Aspera*

Prachi Tiwari

Department of Biotechnology, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur (C.G.), 495001

Abstract

Achyranthes aspera is a perennial herb belonging to the family of Amaranthaceae (Hossain et al 2013). It is known as "Prickly chaff flower". The plant was found to have antibacterial property against hospital origin gram positive bacteria (Singh et al 2019). *Achyranthes aspera* contain coumarin which having protease activity. Coumarin is a potent enzyme that naturally supports the body's ability to break down blood clots caused by the blood-clotting protein fibrin. The aim of this work was to potent clot lysis activity (anticoagulant activity) of different parts of *Achyranthes aspera* with different solvent to get a fruitful comparative output. *Achyranthes aspera* contain coumarin which having protease activity. Extracts prepared using acetone as solvent gave maximum clot lysis activity (48.3%) as compare to other. However extracts prepared by taking ethanol and methanol were gave approximately same clot lysis. Extracts prepared by taking water as solvent gave minimum clot lysis <10% in all sample of *Achyranthes aspera*. Heparin as a positive control for anti coagulant activity shows the maximum percentage of clot lysis that is 76.1% at 0.5ml and 46% at 0.1 ml which is near to clot lysis percent of leaf extract prepared by using acetone as a solvent.

INTRODUCTION

Achyranthes aspera is a perennial herb belonging to the family of Amaranthaceae (Hossain et al 2013). It is known as "Prickly chaff flower" in English and "Chirchita", "Onga", "Latjeera" or "Apamarga" in local language (Hasan 2014). It is an erect, annual herb, distributed in the hilly districts of India (Londonkar et al., 2011). The phytochemical studies with solvent i.e. methanol, ethanol, acetone, diethylether and water extracts of various parts of the plant *Achyranthes aspera* by shaking and boiling method showed to possess secondary metabolites (Tiwari et al., 2018). Phytochemical evaluation of medicinal plants is very imperative in recognizing new sources of therapeutically and industrially important chemical compounds (kamboj, 2000). Medicinal plants have historically been the first source of anticoagulant and antithrombotic molecules (Chaves et al 2010). *In vitro* haemolytic activities are becoming a new area of drug research to discover new interventions for diseases such as thromboembolic disorders. Efforts have been shifted towards discovery and development of natural products from various plant and sources which have anticoagulant, antithrombotic and thrombolytic activity. Studies have proven that this plant has a great potential in inhibiting plate aggregation and enhancing fibrinolytic activity. *Achyranthes aspera* contain coumarin which having protease activity. Coumarin is a potent enzyme that naturally supports the body's ability to break down blood clots caused by the blood-clotting protein fibrin. Coumarin used to prevention of platelet aggregation and also prevention and treatment of thrombosis and thrombophlebitis. (Evangelista et al 2012).

MATERIALS AND METHODESCollection of plant material

The fresh, healthy, mature plants were collected from roadside area of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). The plant materials were identified, on the basis of flower and



Date : 12/05/2021

Dear Prachi Tiwari

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "**Comparative Study on Anticoagulant Activity of Different Parts of Achyranthes Aspera**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

Our all the best to you with a hope that the knowledge and experience you had attained in form of wisdom will certainly benefits to the Society for national building.

Thanking you,

A handwritten signature in black ink, appearing to read "Samarendra", is written over a horizontal line.

Dr. Samarendra Mohan Ghosh
Trustee – Sri Aurobindo Yoga and Knowledge Foundation
Mobile : 9826268541
www.saykf.org
www.theprogress.in
www.theprogressjournals.com



Date : 12/05/2021

Dear Deepak Tiwari

Acceptance Letter for your Research Article to Publish

We feel profound happiness to express you that your research contribution in form of research article titled "**Phytochemical and pharmacological studies of Eucalyptus globulus: A review**" is accepted in the journal "**Turkish Online Journal of Qualitative Inquiry**" e-ISSN 1309-6591 for Publication. Kindly proceed with the formalities towards the publication process.

Our all the best to you with a hope that the knowledge and experience you had attained in form of wisdom will certainly benefits to the Society for national building.

Thanking you,

Dr.Samarendra Mohan Ghosh
Trustee – Sri Aurobindo Yoga and Knowledge Foundation
Mobile : 9826268541
www.saykf.org
www.theprogress.in
www.theprogressjournals.com

Research Article

Phytochemical and pharmacological studies of *Eucalyptus globulus*: A review

Deepak Tiwari

Department of Chemistry, D.P.Vipra College, Bilaspur C.G.

Abstract

Eucalyptus (*Eucalyptus* spp.), is a large genus of the *Myrtaceae* family, which includes 900 species and subspecies. This evergreen tall tree is native from Australia and Tasmania and is the second largest genera after acacia. In particular, the species *E. globulus* is widely used in the pulp industry, as well as for the production of eucalyptus oil extracted on a commercial scale in many countries as raw materials in perfumery, cosmetics, food, beverages, aromatherapy and phytotherapy. The 1,8-cineole (eucalyptol), is the principal and the most important constituent extracted from eucalyptus leaves, demonstrates antimicrobial and anti-inflammatory activities. Despite the fact that the healthy effects of eucalyptus have been well established by research, further studies are necessary to investigate other prime effects of the plant and its possible implication in the treatment of a greater number of pathological conditions.

Introduction

Eucalyptus oil is essentially obtained from fresh leaves of the tall, evergreen eucalyptus tree. Its species belong to the group of medicinal plants that naturally contain volatile oils [1]. The uses of the oils, particularly that of *Eucalyptus citriodora*, can be explored from field to final products that come from agricultural practices. The essential oil is created by steam distilling the leaves of the *Eucalyptus* tree. It's a colourless, pale-yellow oil with a camphoraceous aroma used traditionally in vapor rubs to treat coughs.[2] Many challenges posed by fungi and insects attacking agricultural products can be mitigated or eliminated completely by proper application of the oils with the belief that they are safer, cheaper to obtain, and environmentally friendly without having adverse and undesirable effects on nontarget organisms, which are some of the shortcomings of synthetic pesticides. From research reports highlighted in literature, the volatile oils of *Eucalyptus* can provide tremendous solutions as antimicrobial and insect repellent agents in food sciences in addition to its numerous uses and applications in pharmaceutical and medicinal areas.[3] *Eucalyptus* essential oil contains the naturally occurring constituent eucalyptol, which provides an invigorating sensation on the skin when applied topically and creates a refreshing breathing experience when inhaled or diffused.

Overview of *Eucalyptus*

The tree of *Eucalyptus* scientifically classified as *Eucalyptus Globulus* is also known as fever tree, blue gum tree or stringy bark tree. *Eucalyptus* contains many different chemicals. These chemicals might have various effects in the body. Also, some investigators suggest that eucalyptus may have activity against bacteria and fungi. [4] People use eucalyptus for many conditions including asthma, bronchitis, flu (influenza), and many others, but there is no good scientific evidence to support these uses

Botanical Specifications

Eucalyptus glabrous is a broadleaf evergreen plant that can attain the maximum height of about 70 m as evidently found in Europe [5]. The bark of tree is hard, rough and deeply furrowed. Although more than 700 different species of this plant are found to exist but *Eucalyptus glabrous* is the most widespread among all other species in East Bay [6]. The most readily recognizable characteristics of eucalyptus species are the distinctive flowers and fruit (capsules or gum nuts). Flowers have numerous fluffy stamens which may be white, cream, yellow, pink or red in colour. In bud, the stamens are enclosed in a cap known as an operculum which is composed of the fused sepals or petals or both. Thus flowers have no petals, but instead decorate themselves with many showy stamens. As the stamens expand, operculum is forced off, splitting away from the cup-like base of the flower: this is one of the features that unite the genus [7]. The fruit looks like cone shaped woody capsules called "gum nuts", distinctive for the genus and their fruiting period is autumn and winter. The seed morphology of *Eucalyptus globulus* is extremely variable. Shape, size, colour and surface ornamentation are strongly inherited traits and indicative of taxonomic groups.



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2019-20

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Chhattisgarh, India 495001



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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Dr. Oorja Ranjan Sinha
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

With reference to your application submitted for reimbursement of fees against attending National Conference MATS University, Raipur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs. 500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 16.08.2019

To,

Dr. Anju Shukla
Principal
D.P. Vipra College
Bilaspur (C.G.)

Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

With reference to your application submitted for reimbursement of fees against attending International Conference Navyug Arts & Commerce College, Jabalpur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs. 700/- (Seven Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 10.12.2019

To,

Prof. Richa Handa
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

With reference to your application submitted for reimbursement of fees against attending International Conference Atal Bihari Vajpayee University, Bilaspur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.700/- (Seven Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 01.01.2020

To,

Dr. Renu Nayar
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

With reference to your application submitted for reimbursement of fees against attending International Conference Govt. P.G. College, Durg for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.700/- (Seven Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 05.01.2020

To,

Dr. Vivek Ambalkar
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

With reference to your application submitted for reimbursement of fees against attending International Conference Nagpur University, Nagpur for the year 2019-20.

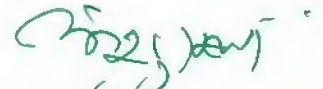
We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


The detail of amount that is to be approved and paid by the Institution is: Rs.700/- (Seven Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 10.09.2019

To,

Prof. Volga Vyas
Asst. Professor
Department of Microbiology

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.


We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

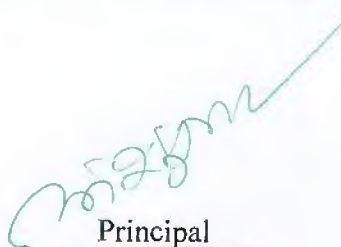
You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 10.09.2019

To,

Prof. Snehlata Mishra
Asst. Professor
Department of Maths

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Date: 10.09.2019

To,

Prof. Bharti Sahu
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

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Date: 22.11.2019

To,

Dr. Sunita Yadav
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar Govt. P. D. Commerce & Arts P. G. College, Raigarh for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 16.10.2019

To,

Prof. Rajni Kujur
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar G. G. U., Bilaspur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

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Date: 10.09.2019

To,

Prof. Gurudeo Kumar
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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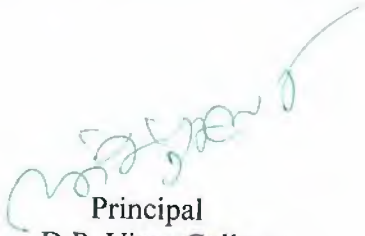
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Date: 10.09.2019

To,

Dr. Shikha Pahare
Asst. Professor
Department of Botany

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

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Date: 10.09.2019

To,

Prof. Niraj Soni
Asst. Professor
Department of Microbiology

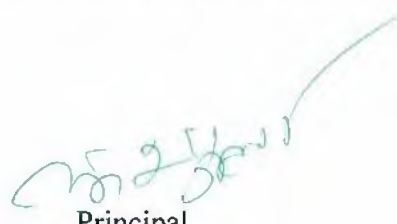
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Date: 10.09.2019

To,

Prof. Toshima Mishra
Asst. Professor
Department of Zoology

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

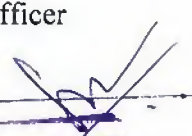
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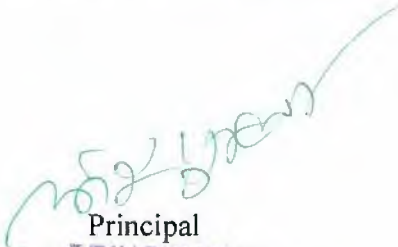
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Date: 10.09.2019

To,

Prof. Bhagwat Kaushik
Asst. Professor
Department of Physics


Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

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Date: 10.09.2019

To,

Prof. Sapna Mishra
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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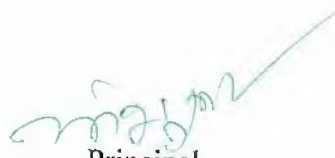
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Date: 10.09.2019

To,

Prof. Anupama Pandey
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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Date: 10.09.2019

To,

Prof. Archana Singh Thakur
Asst. Professor
Department of Hindi

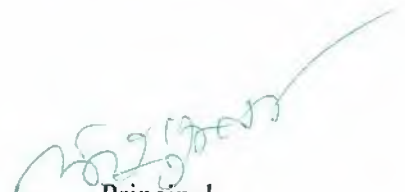
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Date: 10.09.2019

To,

Prof. Pradeep Jaiswal
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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Date: 10.09.2019

To,

Prof. Reena Tamrakar
Asst. Professor
Department of Geography

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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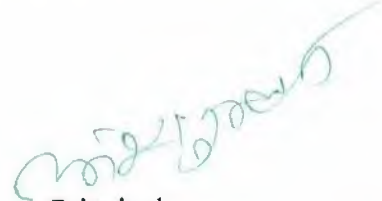
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Date: 10.09.2019

To,

Dr. M. L. Jaiswal
Asst. Professor
Department of Botany

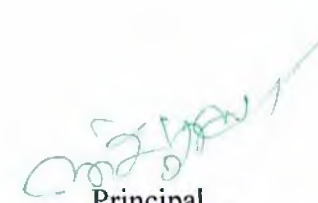
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Date: 10.09.2019

To,

Dr. Vivek Ambalkar
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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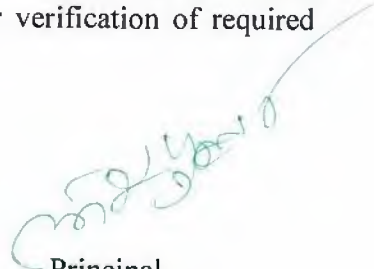
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Date: 10.09.2019

To,

Prof. Jayanta Roy
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

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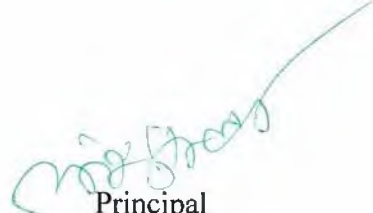
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Date: 10.09.2019

To,

Prof. Neelima kesharwani
Asst. Professor
Department of Economics

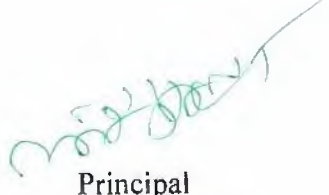
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Date: 10.09.2019

To,

Prof. Varsha Rani Dubey
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.


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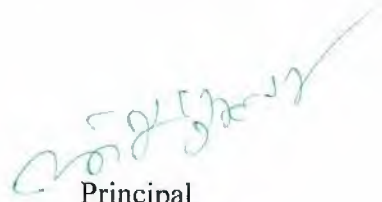
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Date: 10.09.2019

To,

Prof. A. Shri Ram
Asst. Professor
Department of Commerce

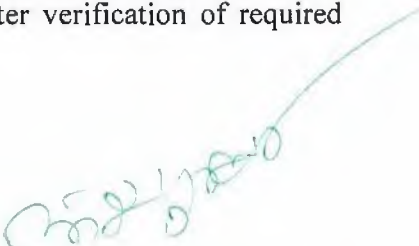
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You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.


Principal
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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 10.09.2019

To,

Prof. Neha Meghani
Asst. Professor
Department of Biochemistry

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

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Date: 10.09.2019

To,

Dr. R. N. Yadav
Asst. Professor
Department of Geography

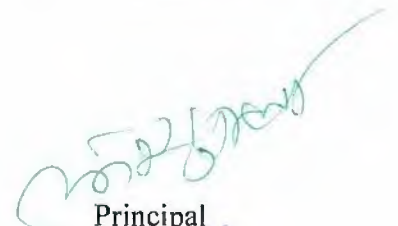
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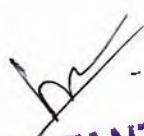
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Date: 10.09.2019

To,

Prof. Kiran Dubey
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.


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Date: 10.09.2019

To,

Dr. Abha Tiwari
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.


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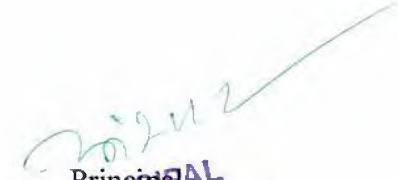
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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 10.09.2019

To,

Dr. M. S. Tamboli
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar D. P. Vipra College, Bilaspur for the year 2019-20.

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Date: 16.12.2019

To,

Prof. Varsha Singh
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

With reference to your application submitted for reimbursement of fees against attending International Conference Atal Bihari Vajpayee University, Bilaspur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.700/- (Seven Hundred rupees only).

You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Date: 16.12.2019

To,

Prof. Vishwas Victor
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

With reference to your application submitted for reimbursement of fees against attending International Conference Atal Bihari Vajpayee University, Bilaspur for the year 2019-20.

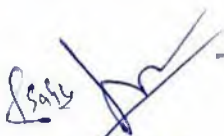
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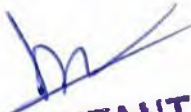
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Date: 06.01.2020

To,

Dr. Suruchi Mishra
Asst. Professor
Department of Hindi


Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

With reference to your application submitted for reimbursement of fees against attending National Seminar St. Aloysius College, Jabalpur for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

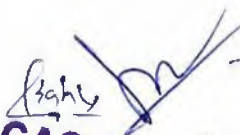
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Date: 06.01.2020

To,

Dr. Sadhana Shome
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for International Seminar.

With reference to your application submitted for reimbursement of fees against attending International Seminar Govt. TCL Post Graduate College, Janjgir for the year 2019-20.


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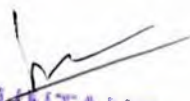
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Date: 16.12.2019

To,

Dr. K. K. Sharma
Asst. Professor
Department of Economics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Naveen Sodh Sansar for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


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Phone No.- 07752-424497, Web. – www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Prof. Anju Halwai
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

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Date: 13.08.2019

To,

Dr. Ashutosh Pandey
Asst. Professor
Department of Maths

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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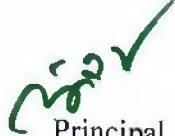
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Date: 13.08.2019

To,

Prof. Deepak Tiwari
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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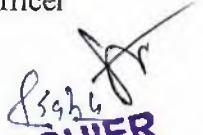
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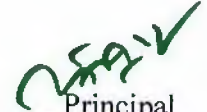
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Date: 13.08.2019

To,

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Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 13.08.2019

To,

Prof. Rupendra Sharma
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

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[Signature]
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[Signature]
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Date: 13.08.2019

To,

Prof. Motilal Patle
Asst. Professor
Department of Botany

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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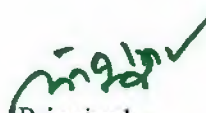
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Date: 13.08.2019

To,

Dr. Manish Tiwari
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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[Signature]
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[Signature]
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Date: 13.08.2019

To,

Prof. Nidhish Chaubey
Asst. Professor
Department of Electronics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 13.08.2019

To,

Dr. Rashmi Sharma
Asst. Professor
Department of History

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

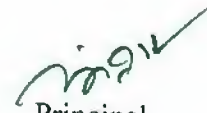
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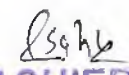
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BILASPUR (C.G.)


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Accredited "A" by NAAC, ISO-9001:2015 Certified

Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Prof. Shishir Shukla
Asst. Professor
Department of Management Studies

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).

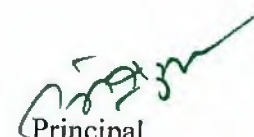
You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

Copy to

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2. Account Officer


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Dr. Ashish Sharma
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

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CASHIER
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BILASPUR (C.G.)

[Signature]
ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

[Signature]
Principal
D.P. Vipra College
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Prof. Shriti Somvanshi
Asst. Professor
Department of Zoology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

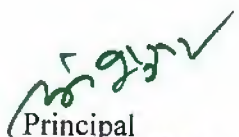
We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Dr. Sushma Sharma
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.

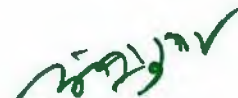
The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).


You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Date: 13.08.2019

To,

Dr. Smriti Rani Prakash
Asst. Professor
Department of History

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

With reference to your application submitted for reimbursement of fees against Paper Publication in Wesleyan Journal of Research for the year 2019-20.

We are happy to inform you that institution has approved your application post verification of the submitted documents along with application.


The detail of amount that is to be approved and paid by the Institution is: Rs.500/- (Five Hundred rupees only).


You are requested to submit the documents with the approval letter of your fee to finance department. The finance department shall reimburse the amount after verification of required documents.

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Bilaspur (C.G.)
Bilaspur (C.G.)



NATIONAL SEMINAR

On

2019



Recent Trends in Environmental Issues

Organized By

Department of Science

D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

(Accredited "A" Grade by NAAC)

GOLDEN JUBILEE YEAR 2019

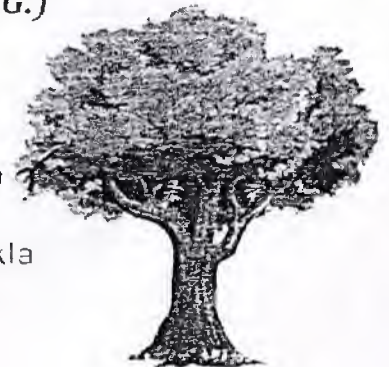
Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Volga Vyas
From D.P. Vipra College Bilaspur (C.G.)
has participated/Presented the Paper/Invited Lecture on the Topic "A study of lymphatic filariasis in Bilaspur Dist. by analysing data patterns in the National Seminar Using data mining Tools."
organized by Department of Science at D.P. Vipra College, Bilaspur (C.G.)
held on 14th October 2019.

Dr. M.L. Jaiswal
Convener

Dr. Vivek M. Ambalkar
Organizing Secretary

Dr. (Smt.) Anju Shukla
Principal / Patron





NATIONAL SEMINAR

On



Recent Trends in Environmental Issues

Organized By

Department of Science

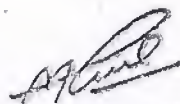
D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

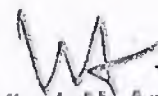
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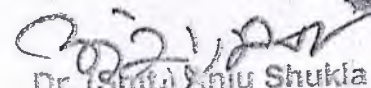
GOLDEN JUBILEE YEAR 2019

Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Snehlata Mishra
From D. P. Vipra College Bilaspur
has participated/Presented the Paper/Invited Lecture on the Topic A study of climate
change on Rice production, Bilaspur District in the National Seminar
of Chhattisgarh
organized by Department of Science at D.P. Vipra College, Bilaspur (C.G.)
held on 14th October 2019.


Dr. M.L. Jaiswal
Convener


Dr. Vivek M. Ambalkar
Organizing Secretary


Dr. (Smt.) Anju Shukla
Principal / Patron





MATS UNIVERSITY

2-DAY NATIONAL CONFERENCE

ON

"LITERATURE AND MEDIA : ROLES AND RESPONSIBILITIES IN NATION BUILDING"

Organized by

DEPARTMENT OF ENGLISH, MATS School of Arts & Humanities



with the support of
Chhattisgarh
CHHATTISGARH TOURISM
Govt. of Chhattisgarh



Directorate of Cultural
and Archaeology
Govt. of Chhattisgarh

Certificate of Appreciation

MATSLIT
2019

Presented to

Dr./Ms./Mr. Dorja Ranjan Sinha

for her/his Presentation/Participation in the Session(s) of 2-Day National Conference on

"Literature and Media : Roles and Responsibilities in Nation Building", held on 25th-26th September 2019,

organized by the Department of English, MATS School of Arts & Humanities, MATS University, Raipur.

She/He presented a paper/chaired a session on the topic .. Human Rights

Dr. Mahima Gautam
Convener

Mr. Gokulananda Panda
President

Dr. Deepika Dhand

Navyug Arts & Commerce College, Jabalpur (M.P.) India

Accredited "B" by NAAC



International Conference On Spiritual Science & Gandhian Thought (In Globalisation Era)

5 - 6 September 2019



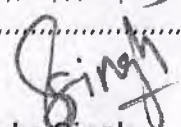
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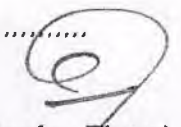
Certificate

This is to certify that Prof./Dr./Mr./Ms./Mrs. अंजू शुक्ला
from डी. पी. वि. प्र. महाविद्यालय, बिलासपुर (छ.ग.)
has participated in the International Seminar held on 5th & 6th September 2019 in the Department of Commerce,
Navyug Arts & Commerce College, Jabalpur (M.P.).

He/She has chaired a session/delivered key note address/reportier/presented paper on

सामाजिक समरसता और शांति


Dr. Shobha Singh
Principal


Dr. Sanjay Tiwari
HOD
Commerce & Convener

2020 ABVU-MTMI

INTERNATIONAL CONFERENCE

ICIRSMT-2020



INNOVATIVE RESEARCH IN SCIENCE, MANAGEMENT AND TECHNOLOGY
(4-5 January, 2020)



Organized by

Department of Computer Science and Application
Atal Bihari Vajpayee University, Bilaspur (C.G.), India

In Association with

Modern Technology and Management Institute (MTMI), Inc. USA

Sponsored by

Chhattisgarh Council of Science and Technology (CCOST), Raipur (C.G.) India
University of Maryland Eastern Shore, USA and Frostburg State University, Frostburg, USA



CERTIFICATE

This is to certify that Dr./Mr./Mrs./Ms. RICHA HANDA of DR. C.V. RAMAN UNIVERSITY, BILASPUR (C.G.), INDIA has presented a paper entitled "REGRESSION ENSEMBLE TECHNIQUES WITH TECHNICAL INDICATORS FOR PREDICTION OF FINANCIAL TIME SERIES DATA" in "ICIRSMT-2020" organized by Department of Computer Science and Application, Atal Bihari Vajpayee University, Bilaspur, India in association with MTMI, USA and sponsored by Chhattisgarh Council of Science and Technology (CCOST), Raipur (C.G.) India during January 04-05, 2020.

Dr. H.S. Hota
Programme Chair
Atal Bihari Vajpayee University
Bilaspur, India

Prof. D.K. Sharma
Programme Chair
University of Maryland Eastern Shore, USA

Prof. G.D. Sharma
Vice Chancellor
Atal Bihari Vajpayee University
Bilaspur, India



International Conference on Materials for Environment (ICME - 2020)

24-25 January, 2020

organized by

Department of Chemistry

Govt. V.Y.T. PG Autonomous College, Durg (CG) India

funded by

DAE-BRNS, BARC, Mumbai & CCOST, Raipur

CERTIFICATE

This is to certify that ✓ Dr/Ms/Mr. Renu Nayar..... of D.P. Vipra.....
.....College Bilaspur.....has attended / participated in Oral/Poster ✓
presentation and secured first/ second/ third ✓ position in the *International Conference on Materials for Environment (ICME-2020)* organized by the Department of Chemistry, Govt. V.Y.T. PG Autonomous College, Durg (CG) held on 24-25 January, 2020.


Convener


Organizing Secretary


Chairperson


Principal

19-20



International Conference on Advances in Physical, Chemical & Mathematical Sciences

13-16 February 2020

ORGANISED BY

Department of Physics, Chemistry, Mathematics, Statistics,
Computer Science & Laxminarayan Institute of Technology
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur



Certificate

This is to certify that Prof./Dr./Mr./Mrs./Ms. Vivek Ambekar
of D. P. Vipra College, Bhaspur has actively participated in
International Conference on Advances in Physical, Chemical and Mathematical Sciences
(ICAPCM-2020) organized by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur,
13th-16th February 2020.

Prof. Niraj T. Khaty
Working Chairman
ICAPCM-2020, Nagpur
& Registrar (Officiating),
RTMNU, Nagpur

Prof. Govardhan S. Khadekar
Chairman
ICAPCM-2020, Nagpur
& Dean Faculty of Science
& Technology, RTMNU, Nagpur

NATIONAL SEMINAR

On

Innovation in Business : Opportunities and Challenges

Organized By

Department of Commerce

D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

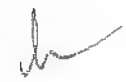
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GOLDEN JUBILEE YEAR 2019

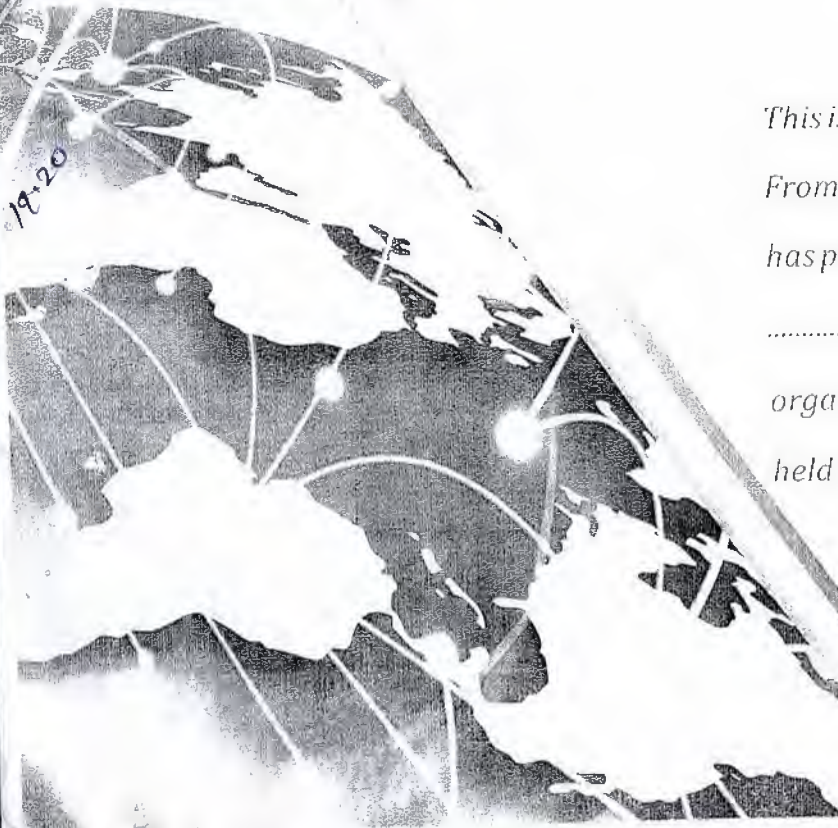
Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Bharati Sahu
From D. P. Vipra College, Bilaspur
has participated/Presented the Paper/Invited Lecture on the Topic Business
Intelligence in the National Seminar
organized by Department of Commerce at D.P. Vipra College, Bilaspur (C.G.)
held on 15th November 2019.


Dr. Khagendra Kumar Soni
Convener


Prof. Jayanta Roy
Organizing Secretary


Dr. (Smt.) Anju Shukla
Principal / Patron





National Seminar On

Good Governance & Transparency in India : In the Present Context




07th December 2019

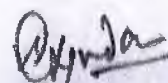
Organized by : Department of Political Science

Govt. P.D. Commerce and Arts Post Graduate College, Raigarh (C.G.)

Certificate

This is to certify that Mr. / Mrs. / Dr. सुनीता यादव Designation विभागाध्यक्ष
Institution डी. पी. विप्र महा. बिलासपुर (द. ग.) has delivered
an Invited Talk / Chaired a Technical Session/ Participated/ Presented a Paper entitled सुशासन में प्रेस की भूमिका
In the National Seminar on "Good Governance & Transparency in India : In the Present Context"


Dr. Usha Patel
Convener


Dr. B.P. Yadav
I/C Principal / Patron



राष्ट्रीय संगोष्ठी

दक्षिण कोसल का इतिहास, संस्कृति, सभ्यता एवं समाज : शोध-विमर्श
(गौरवशाली दक्षिण कोसल)

प्रमाण-पत्र

क्रमांक : GGV/NSDK-2019/...173

प्रमाणित किया जाता है कि प्रो./ डॉ./ श्री/ श्रीमती/ कु. रजनी कुशुर

डी. पी. विप्र कॉलेज बिलासपुर

ने गुरु घासीदास विश्वविद्यालय (केन्द्रीय विश्वविद्यालय), बिलासपुर एवं सेन्टर फॉर स्टडीज ऑन हॉलिस्टिक डेवलपमेंट, रायपुर के संयुक्त तत्वावधान में 05-06 नवम्बर, 2019 को गुरु घासीदास विश्वविद्यालय, बिलासपुर में "दक्षिण कोसल का इतिहास, संस्कृति, सभ्यता एवं समाज : शोध-विमर्श (गौरवशाली दक्षिण कोसल)" विषय पर आयोजित राष्ट्रीय संगोष्ठी में प्रतिभागिता की एवं जनजातीय साहित्य और

संस्कृति खानपान

शीर्षक पर अपना शोध पत्र प्रस्तुत किया।

whinik
डॉ. एम. एन. त्रिपाठी
(आयोजन सचिव)

anilakumar
डॉ. नीलकण्ठ पाणिग्रही
(अकादमिक संयोजक)

✓ 1 C
प्रो. वी. एस. राठौड़
(समन्वयक)

anila
प्रो. अंजिला गुप्ता
(कुलपति)

D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

(Accredited "A" Grade by NAAC)



ISO-2015 Certified

National Conference on Relevance of Gandhian Thoughts in Present Scenario

04 October 2019

Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Gurudeo Kumar
From D.P. Vipra College Bilaspur (C.G.)
has participated in the National Conference held on 4th October 2019 in the Department of
Economics/Sociology, D.P. Vipra College, Bilaspur (C.G.).

He/She has chaired a session/delivered key note address / worked as rapporteur /
Presented Paper on वर्तमान शिक्षा की चुनौतियाँ एवं गाँधी

Dr. K.K. Sharma
Co-Ordinator

Dr. (Smt.) Anju Shukla
Principal



NATIONAL SEMINAR

On



Recent Trends in Environmental Issues

Organized By

Department of Science

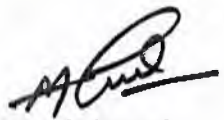
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GOLDEN JUBILEE YEAR 2019

Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Shikha Pahare
From D.P. Vipra P.G. College Bilaspur (C.G.)
has participated/Presented the Paper/Invited Lecture on the Topic The coal wastes of
coal mines in Korba minimizing fungal in the National Seminar
Decomposer group
organized by Department of Science at D.P. Vipra College, Bilaspur (C.G.)
held on 14th October 2019.


Dr. M.L. Jaiswal
Convener


Dr. Vivek M. Ambalkar
Organizing Secretary


Dr. (Smt.) Anju Shukla
Principal / Patron





NATIONAL SEMINAR

On



Recent Trends in Environmental Issues

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Department of Science

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GOLDEN JUBILEE YEAR 2019

Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Niraj Soni


From D.P. Vipra College Bilaspur (C.G.)

has participated/Presented the Paper/Invited Lecture on the Topic Detection of coliforms in potable water & its effect on human health in the National Seminar

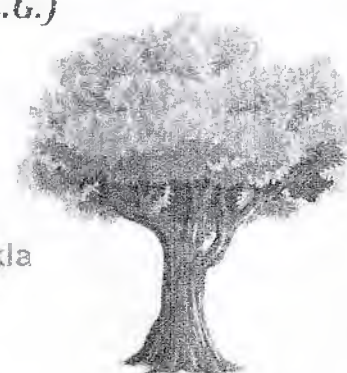
organized by Department of Science at D.P. Vipra College, Bilaspur (C.G.)

held on 14th October 2019.


Dr. M.L. Jaiswal
Convener


Dr. Vivek M. Ambalkar
Organizing Secretary


Dr. (Smt.) Anju Shukla
Principal / Patron



19-20



NATIONAL SEMINAR

On



Recent Trends in Environmental Issues

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Department of Science

D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

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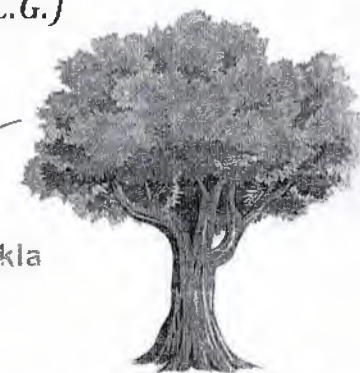
Certificate

This is to Certify that [✓]Prof./Dr./Mr./Ms./Mrs. Toshima Mishra
From D.P. Vipra P.G. college Bilaspur (C.G.)
has participated/Presented the Paper/Invited Lecture on the Topic Global warming
..... in the National Seminar
organized by Department of Science at D.P. Vipra College, Bilaspur (C.G.)
held on 14th October 2019.

Dr. M.L. Jaiswal
Convener

Dr. Vivek M. Ambalkar
Organizing Secretary

Dr. (Smt.) Anju Shukla
Principal / Patron



19-20



NATIONAL SEMINAR

On



Recent Trends in Environmental Issues

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Department of Science

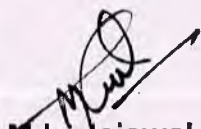
D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

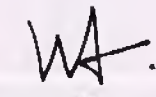
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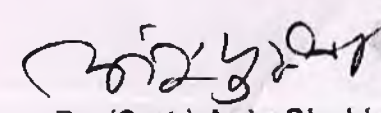
GOLDEN JUBILEE YEAR 2019

Certificate

This is to Certify that Prof./Dr./Mr./Ms./Mrs. Bhagwat Kaushik
From D.P. Vipra P.G. College Bilaspur (C.G.)
has participated/Presented the Paper/Invited Lecture on the Topic Plastic pollution
..... in the National Seminar
organized by **Department of Science at D.P. Vipra College, Bilaspur (C.G.)**
held on 14th October 2019.


Dr. M.L. Jaiswal
Convener


Dr. Vivek M. Ambalkar
Organizing Secretary


Dr. (Smt.) Anju Shukla
Principal / Patron





NATIONAL SEMINAR

On

Recent Trends in Environmental Issues

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D.P. VIPRA P.G. COLLEGE, BILASPUR (C.G.)

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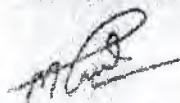
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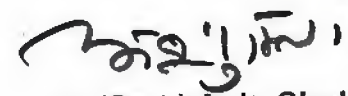
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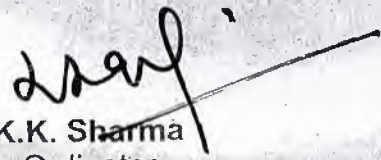
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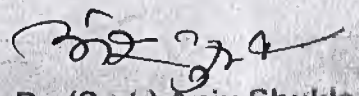
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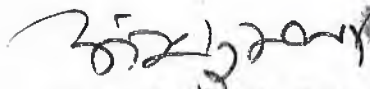
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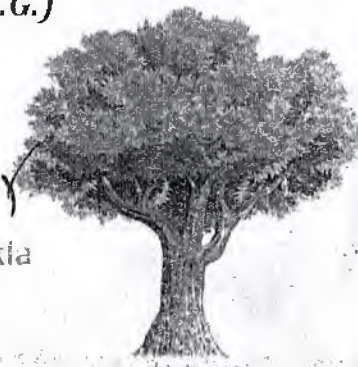
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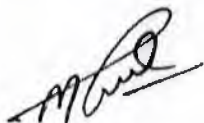
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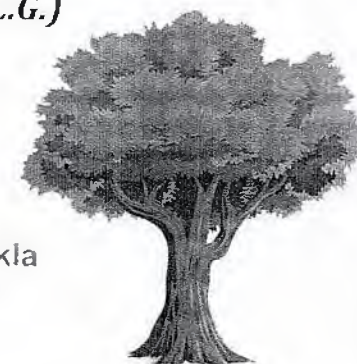
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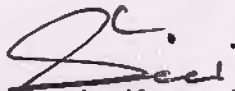
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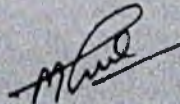
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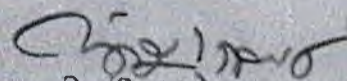
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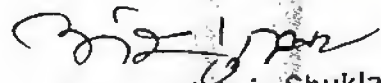
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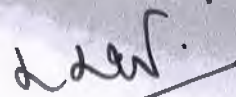
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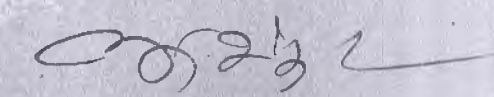
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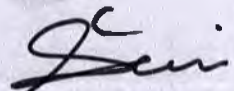
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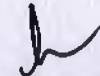
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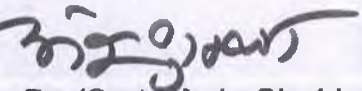
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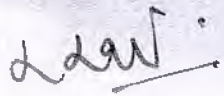
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ON



INNOVATIVE RESEARCH IN SCIENCE, MANAGEMENT AND TECHNOLOGY
(4-5 January, 2020)



Organized by

Department of Computer Science and Application
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ON
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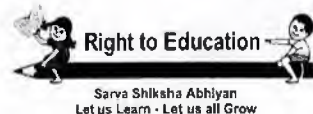
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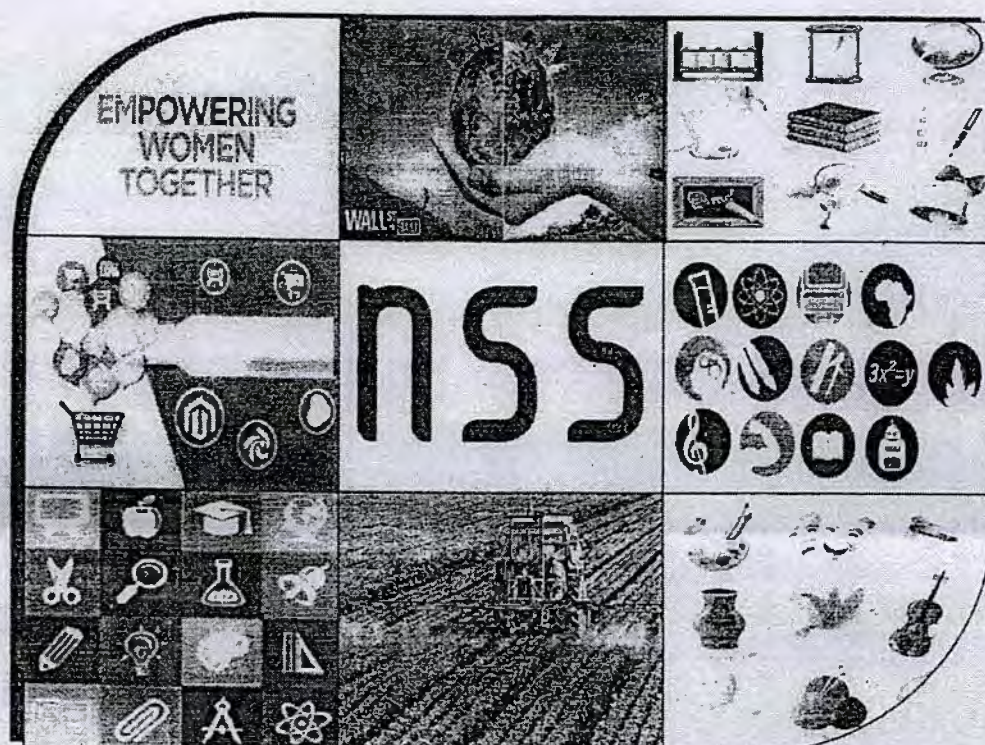
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बिलासपुर जिले के कोटा विकासखण्ड के सर्वेक्षित ग्रामों में स्वर्ण जयंती ग्राम स्वरोजगार योजना से प्रभावित एवं अप्रभावित अनुसूचित जनजाति के आय स्रोत एवं आय स्तर के विशेष सन्दर्भ में एक अध्ययन

डॉ. के.के. शर्मा *

शोध सारांश - प्रस्तुत शोध पत्र में बिलासपुर जिले के कोटा विकास खण्ड के अन्तर्गत कुल 81 ग्राम पंचायतों में से 25 ग्राम पंचायतों का चयन द्वैव निर्देशन पद्धति से किया गया तथा चयनित ग्राम पंचायतों के स्वर्ण जयंती ग्राम स्वरोजगार योजना द्वारा लाभान्वित अनुसूचित जाति एवं जनजाति के समस्त हितवाहियों (स्वरोजगारियों) को अध्ययन में सम्मिलित किया गया है। अध्ययन क्षेत्र में इस योजना के अंतर्गत अनुसूचित जनजाति के कुल 175 परिवार एवं अनुसूचित जाति के 45 परिवार लाभान्वित हुए। योजना का इस वर्ग के उत्थान में वारतविक योगदान ज्ञात करने के लिए योजना से लाभान्वित न होने वाले (गैर हितवाही) अनुसूचित जाति एवं अनुसूचित जनजाति के कमशः 175 एवं 45 गैर हितवाही परिवारों को भी अध्ययन में सम्मिलित किया गया है। जिसमें स्वर्ण जयंती ग्राम स्वरोजगार योजना का अनुसूचित जाति एवं जनजाति के आर्थिक उत्थान में योगदान ठीक-ठीक ज्ञात किया जा सके। इस प्रकार अनुसूचित जाति के 45 एवं अनुसूचित जनजाति के 175 परिवारों का अध्ययन किया गया है। जिनसे प्रश्नावली, अनुसूची साक्षात्कार एवं अवलोकन द्वारा जानकारी प्राप्त कर उनका बिन्दुवार विश्लेषण किया गया है।

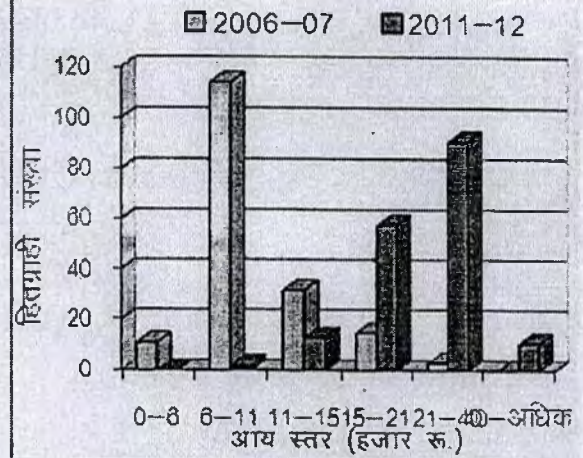
शब्द कुँजी - अजजा - अनुसूचित जनजाति, अजा - अनुसूचित जाति, S.G.S.Y - स्वर्ण जयन्ती ग्राम श्रोजगार योजना, आई.आर.डी.पी. - समन्वित ग्रामीण विकास कार्यक्रम, ट्राइसेम - ग्रामीण युवा रोजगार प्रशिक्षण कार्यक्रम, डवाकरा - ग्रामीण महिला एवं बाल विकास कार्यक्रम, एप.डब्ल्यू.एस. - दस लाख कुओं की योजना, जे.के.एल. - गंगा कल्याण योजना, एस.एच.जी. - स्व-सहायता समूह, डी.आर.डी.ए - जिला ग्रामीण विकास अभिकरण, J.R.Y.। जवाहर रोजगार योजना।

प्रस्तावना - अध्ययन क्षेत्र के आर्थिक अध्ययन में आय स्रोत एवं आय स्तर एक महत्वपूर्ण घटक होता है। हितवाहियों का योजना से लाभ लेने के पूर्व उनका आय स्रोत एवं आय स्तर क्या था? तथा स्वर्ण जयंती ग्राम स्वरोजगार योजना से लाभान्वित होने के उपरांत आय स्रोत एवं आय स्तर में क्या परिवर्तन आया? तथा गैर-हितवाहियों की अपेक्षा क्या भिन्नता है? इस दृष्टि से क्षेत्र के अनुसूचित जनजाति के आय स्रोत एवं आय स्तर का अध्ययन किया गया है। जिस स्रोत से सबसे अधिक आय प्राप्त होती है उसे आय स्रोत माना गया है। अनुसूचित जनजाति के 175 हितवाही एवं अनुसूचित जाति के 45 हितवाही (जिन्होंने योजना से सहायता प्राप्त की है) इसी प्रकार कमशः 175 एवं 45 गैर हितवाही (जिन्होंने योजना से सहायता प्राप्त नहीं की है) कुल 390 परिवारों का अध्ययन किया गया है। अध्ययन अवधि में योजना से लाभान्वित अनुसूचित जनजाति के हितवाहियों एवं गैर हितवाहियों के आय स्तर में परिवर्तन का विश्लेषण-सारणी क्रमांक 1.1 से स्पष्ट है कि चयनित ग्राम पंचायतों में स्वर्ण जयंती ग्राम स्वरोजगार योजना के अंतर्गत अनुसूचित जनजाति के 175 हितवाहियों में से 0-6 हजार आय स्तर के 11 हितवाही (6.29 प्रतिशत), 6-11 हजार आय स्तर के 114 हितवाही (65.14 प्रतिशत), 11-15 हजार आय स्तर के 32 हितवाही (18.29 प्रतिशत), 15-21 हजार आय स्तर के 15 हितवाही (8.57 प्रतिशत) तथा 21-40 हजार आय स्तर के 03 हितवाही (1.71 प्रतिशत) लाभान्वित हुए हैं।

सारणी क्रमांक 1.1 (अन्तिम पृष्ठ पर देखें)

आरेख क्र. - 1

अध्ययन अवधि में योजना से लाभान्वित अनुसूचित जनजाति के हितवाहियों के आय स्तर में परिवर्तन का विवरण



स्वर्ण जयंती ग्राम स्वरोजगार योजना का लाभ लेने के पश्चात वर्ष 2006-07 में 0-6 हजार रुपये आय स्तर में रह रहे 11 हितवाहियों में से वर्ष 2011-12 में 03 हितवाही 11-15 हजार आय स्तर, 06 हितवाही 15-21 हजार आय स्तर एवं 02 हितवाही 21-40 हजार आय स्तर पर प्रतिस्थापित हुए। वर्ष 2006-07 में 6-11 हजार आय स्तर में रह रहे 114 हितवाहियों में से 2011-12 में 02 हितवाही अपने आय स्तर में वृद्धि

* प्राध्यापक (अर्थशास्त्र) डी. पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.) भारत



Books: The Creator of Humanity

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ABSTRACT : “Books are the carriers of civilization. Without books, history is silent, literature dumb, science crippled, thought and speculation at a standstill. They are companions, teachers, magicians, bankers of the treasures of the mind. Books are humanity in print.” Barbara W. Tuchman. It is well known that Books are the creator or builder of the minds of the readers and the best companion in the path of success. Books not only increase our knowledge and give us information but also heal us when we are in stress, give us pleasure when we are in despair, increase our thought process when we are dumb, make us morally strong and help in taking right decisions when we are in dilemma and that is proved by several research. But the question arises: what kind of books must be read? Do all kinds of books fulfill all the above essentials? The answer is no. What we read, have great impact upon our mind so we should be selective in choosing books to read because we become what we think and we think what we read so the choice of the books must be depend upon what we want to become. Dick Robinson, President and CEO of Scholastic, sums it up: “You are what you read.” in other words Books are the Creator of Humanity.

This paper is going to give a brief explanation of why the culture of reading is dying away, how reading good books like real epics, novels, nonfiction etc. can change your brain for the better and how reading the Bhagwat Geeta changes the life.

Keywords: Good Books, humanity, reading.



New cryptosystem and cryptographic application based on extended Fuzzy rules

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ABSTRACT :-We study a review on the existed cryptosystem via fuzzy sets and fuzzy logic. The cryptographic structure is studied over the fuzzy. Fuzzy algebra is reviewed under the context of cryptosystems. The efficiency and security of the proposed cryptosystems are also analyzed. We study all the other real and practical cryptography including the new quantum cryptography . we focused on the cryptosystem based on fuzzy set. The properties of the fuzzy set are reviewed and its application presented as cryptosystem. This system is claimed under the security, efficiency and smart to use this gives smart decision also.

Introduction

Cryptanalysis and Cryptology has developed at the same time. Its uses are the reason behind this. These are like the two phase of the coin. Coding, Ciphering and Encrypting are the words came in the existence simultaneously. During the World War, it developed at the extreme. There were several telegrams for using the coding, ciphering and encrypting. These had been used frequently in this time. This was surprise also for the opponent that there is any mystry. What is the mystry is the question is still unfound by the several contries. This is the beauty of this subject. In the current time also this is very challanging subject. The revolutionery inventions in computer science, electronics and electrical is vibrating the world of cryptology.



Water Quality Status of Kusmunda Coal Mining Area of Korba District (C.G.) India

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ABSTRACT :- We have taken extremely analysis of ground and surface water sources at Kusmunda Coal Mining Area of Korba district (C.G.) India an perspective of physico-chemical quality of water for this purpose we have considered some scientifically significant water quality parameters viz. temperature, pH, EC, Turbidity, TS, TDS, TSS, TA, TH, DO, COD, BOD, Cl^- , F, NO_3^- and SO_4^{2-} . Water samples were collected from environmentally importance selected water sources, which were assigned from K1 to K10. The procured water samples were analyzed by standard method prescribed by APHA and calculated experimental values were compared with standard value stipulated by the BIS and WHO water monitoring agencies. The value of pH (9.11 K10), EC ($881 \mu\text{SCm}^{-1}$ K8), Turbidity (31NTU K8), TS (2340 mg l^{-1} K8), TDS (1861 mg l^{-1} K10), TSS (879 mg l^{-1} K8), TA (722 mg l^{-1} K8), TH (901 mg l^{-1} K8), DO (5.50 mg l^{-1} K5), COD (14.51 mg l^{-1} K8), BOD (7.98 K8), Cl^- (1161 mg l^{-1} K8), F (162 mg l^{-1} K8), NO_2 (51 mg l^{-1} K8), SO_4^{2-} (210 mg l^{-1} K7). These results were crossed the above permissible limit.

Key Index: Water quality, Physico-chemical properties, WHO, BIS.



THE EFFECT OF THE GOODS AND SERVICES TAX (GST) ON THE INDIA ECONOMY

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ABSTRACT : In today's world, we pay a variety of taxes, both direct and indirect, that we perceive as a hardship, and as a result of these taxes, corruption is on the rise. To deal with all of these taxation systems, the Central Government has chosen to create a single tax system known as the Goods and Services Tax (GST) (GST). GST is one of India's most important tax reforms, and it has been a long time coming. GST is a massive indirect tax framework designed to support and boost a country's economic progress. It is a comprehensive tax system that will incorporate all indirect taxes levied by state and federal governments, as well as the entire economy, into a single national market. It is projected to relieve the burden of the existing indirect tax system and contribute significantly to India's economic growth. GST encompasses all indirect taxes, assisting in economic growth and proving to be more helpful than the current tax structure. GST will also aid in the acceleration of the country's overall Gross Domestic Product (GDP). GST is now widely accepted around the world, with many countries adopting it as their sales tax system. GST is a national tax levy that applies to the manufacture, sale, and consumption of goods and services. As a consistent tax rate is applied, GST is projected to foster a business-friendly climate by lowering price levels and thus inflation rates over time. It will also help the government's economic health by making the tax collecting system more transparent, which will make tax evasion more difficult. This article attempts to investigate the



ऑनलाईन शिक्षण बनाम पारंपरिक शिक्षण – एक विश्लेषण

सहा. प्राध्यापक राजनीति विज्ञान डॉ. आभा तिवारी

सहा. प्राध्यापक राजनीति विज्ञान श्री रूपेन्द्र शर्मा

डी०पी० विप्र महाविद्यालय बिलासपुर(छ.ग.)

प्रस्तावना :-

24 मार्च 2019 को संपूर्ण भारत में कोविड 19 के बढ़ते संक्रमण को रोकने के लिये संपूर्ण लॉकडाउन का निर्णय भारत के माननीय प्रधानमंत्री श्री नरेन्द्र मोदी की सरकार ने लिया। इस वैश्विक महामारी के काल में सामाजिक दूरी अति आवश्यक थी इस हेतु लॉकडाउन सर्वोत्तम विकल्प था। जहाँ एक ओर पूरा बाजार बंद था लोग घर से बाहर नहीं निकल सकते थे विद्या के मंदिर स्कूल और कॉलेज भी बंद थे। सरकार के सामने लोगों के जीवन रक्षा का विकट प्रश्न था वहीं दूसरी ओर छात्र छात्राओं के उचित शिक्षा प्रबंध की भी आवश्यकता थी ऐसी स्थिति में ऑनलाईन शिक्षण ही एक मात्र विकल्प के रूप में सामने आया। स्कूलों और महाविद्यालयों में विद्यार्थियों को शिक्षा प्रदान करने के लिये इस पद्धति को अपनाया गया। इस स्थिति में छात्रों की पढ़ाई के लिये ऑनलाईन शिक्षा एक वरदान के रूप में सामने आया। इसके माध्यम से तमाम छात्रों को पढ़ाई में सहायता मिली। कोरोना काल में ऑनलाईन शिक्षा व्यवस्था में अनेक नुकसान होते हैं फिर भी इनकी कमी को सुधारने का प्रयास किया जा रहा है तथा इस व्यवस्था को हर छात्र तक पहुँचाने का प्रयास किया जा रहा है। आजकल ज्यादातर पेशेवर कोर्सेज ऑनलाइन होती हैं। विद्यार्थी ऑनलाईन पढ़ते हैं और ऑनलाईन परीक्षा देकर अपनी निश्चित डिग्री प्राप्त कर लेते हैं। ऑनलाईन शिक्षा से छात्र केवल भारत ही नहीं विदेशों में दी जाने वाली शिक्षा भी प्राप्त कर लेते हैं।



**The Study of medicinal uses of underground plant part of Bilaspur District
(C.G.)**

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²Moti Lal

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ABSTRACT:- The present study was aimed to explore medicinal uses of underground plant part of Bilaspur district the study was conducted from April-2019 to December-2019. Various underground plant families especially liliaceae and zingiberecae were mostly investigated. The study was based on extensive and intensive field survey in each field and number of each species in recorded and plants were than identify. The data created from different villages were wisely analyzed.

Key words:- medicinal plant, underground plant part, villages

Introduction:- villages peoples widely used medicinal plants in different diseases. Villages as well as urban people applying plants as medicinal purpose since long ago . Medicinal plants play important role in healthcare system in India. Day by day village population more dependent upon plants grounded medicinal because of natural grown and no side effects, much worth and safe method for utilization (Singh, R.S. and Shahi, S.K.2017)

It has been assessed that more than 10% of the national flora of Chhattisgarh approximately thousand plant species are traditionally used for medicinal purposes. Chhattisgarh has various socio-economic, folkloric and cultural areas of district bilaspur, as well as incomparable biodiversity, plentiful knowledge of indigenous and



**REMOVAL OF HEAVY METAL IONS BY SILVER NANO PARTICLES IN
NIVOCO CEMENT PLANT PARSADA DISTRICT JANJGIR CHAMPA
CHHATTISGARH.**

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ABSTRACT:- Industrial activities, such as mining, electroplating, cement production, and metallurgical operations, as well as manufacturing of plastics, fertilizers, pesticides, batteries, dyes or anticorrosive agents, can cause metal contamination in the surrounding environment. This is an acute problem due to the non biodegradable nature of metal pollutants, their transformation into toxic and carcinogenic compounds, and bioaccumulation through the food chain. At the same time, platinum group metals and rare earth elements are of strong economic interest and their recovery is incentivized microbial interaction with metals or metals-bearing minerals can facilitate metals recovery in the form of nano particles effluent discharges from industry and domestic waste containing unknown inorganic pollutants. In this work, different mechanisms of heavy metal ions removal using AgNP particles were studied. AgNP particles were synthesized using solid precipitation technique. The morphology of AgNP particles was rod-like shape. The average length and diameter of AgNP particle were 497.34 15.55 and 75.78-10.39nm, respectively. These particles removed effectively heavy metal ions such as Cu(ii),



STUDY OF SMART PIEZOELECTRIC MATERIALS: LITERATURE REVIEW

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BSTRACT:- In the last few decades, smart materials have become more popular, piezo materials are one of them. The key characteristic for engineering applications, such as in sensors and actuators for industrial use makes this smart material very important. Because of their smart property of conversion from mechanical to electrical and vice versa it has wide application are specially for energy harvesting. In this paper classification, characteristics, properties, mechanics and applications are discussed. As a result, this literature can provide a guideline for the scholars who want to use piezoelectric property for their research.

Key words: Piezoelectric materials, electroceramics, barium titanate, Pb free piezoelectrics.

1. INTRODUCTION

Every segment of our day to day life is influenced by materials. Materials are important in the development of civilization. In fact early civilizations have been designated by the most advanced material in that period like Stone Age, Bronze Age & Iron Age. Materials used at the time, determines & limits the state of technology. In modern society, the influences of materials are more & more embedded in complex



बौद्ध केन्द्र भोंगापाल बस्तर के परिपेक्ष्य में

डॉ. रशमि शर्मा

सहायक प्राध्यापक (इतिहास)

डी. पी. विप्र महा. बिलासपुर (छ.ग.)

मध्य प्रान्त की रियासतों में से बस्तर एक था 17° 46' उत्तरी अक्षांश से 20° 14' उत्तरी अक्षांश के मध्य स्थित था 80° 15' से 80° 15' से 82° 1' पूर्वी देशांश के मध्य यह फैला था। इसका कुल क्षेत्रफल 13,062 वर्गमील था।¹

बस्तर रियासत के अंतर्गत जगदलपुर के चारों ओर स्थित सात परगने इन्द्रावती नदी के उत्तर में स्थित अठारह गढ़ और दक्षिण व पश्चिम में स्थित बारह जमीदारियां आती थी जगदलपुर के आसपास स्थित सात परगनों में ही प्रायः बस्तर से बाहर के आए लोग बसे थे।² बस्तर अपनी वन संपदा के लिए चर्चित रहा है। रियासत की आय का प्रमुख स्रोत वन था।³

ऐतिहासिक पृष्ठभूमि :-

वर्तमान बस्तर संभाग पुरातन युग से ही विश्व सभ्यता के लिए अपने विभिन्न सांस्कृतिक, आर्थिक, धार्मिक एवं राजनैतिक कार्य कलाओं के लिए आकर्षण का केन्द्र रहा है। पौराणिक युग में दण्डकारण्य अमिधा से विभूषित अपनी प्रचुर ऐतिहासिक एवं पुरातात्विक सामग्री से भरपूर है। बस्तर जिले के भोंगापाल में दो टिलों पर बौद्ध बिहार एवं स्तूप के भग्नावशेष प्राप्त हुए हैं।

भोंगापाल की स्थिति :-

भोंगापाल बस्तर जिले के कोण्डागांव तहसील की राजस्व के अंतर्गत नारायणपुर से 30 कि.मी. उत्तर में सधन वन्य अंचल में स्थित है। रायपुर से व्हाया वेसकाल, कोण्डागांव, नारायणपुर भोंगापाल 317 कि.मी. दूर पड़ता है तथा जगदलपुर से 153 कि.मी. का दूरी पर है।

ग्राम भोंगापाल के उत्तर पूर्व में 3 कि.मी. दूर लसूरा नामक छोटी नदी के निकट सधन अरण्य में ईंट निर्मित प्राचीन टीले थोड़ी थोड़ी दूरी पर अवस्थित हैं। सभी टीले पेंड पौधे कंटीली झाड़ियां घास आदि से ढंके थे। बुद्ध प्रतिमा वाले टीले पर टीले के पूर्वी ढाल भाग पर एक द्विभुजी भू-स्पर्श मुद्रा



A STUDY ON TRIBES OF CHHATTISGARH

Ruchita Shrivastava

Shishir Shukla

Asst. Prof. Dept. Of Management Studies

D.P. Vipra College , Bilaspur (C.G.)

ABSTRACT: A tribe is a social division in a traditional society consisting of families linked by social, economic, religious, or blood ties, with a common culture and dialect. A tribe possesses certain qualities and characteristics that make it a unique cultural, social, and political entity. The tribes in India form an important part of the total population. It represents an element in Indian society which is integrated with the culture mosaic of our civilization. Chhattisgarh state is a tribal dominated state, a total of 42 tribes are found in Chhattisgarh, the main tribe of Chhattisgarh is Gond, Kanwar, Binjhar, Bhaina, Bhatra, Oraon, Munda, Kamar, Halba, Baiga, Bharia, Nagesia, Manjhar, Khairwar and Dhanwar tribes are also in large numbers. Before independence, out of 14 princely states under the state of Chhattisgarh, 4 princely states were Kawardha, Raigarh, Sarangarh and Shakti Gond state respectively. The Gonds have developed a superior aesthetic culture. Dancing and singing are their main entertainments. The Gond tribes of Bastar region are considered important for their cultural and social life. The Tribal Culture in Chhattisgarh is quite vast and varied with its unique ways and means. through this study, we can get information about the beautiful culture of the tribes of Chhattisgarh. Special provisions have been mentioned in the constitution of India to protect the tribes and for their development.

Introduction:

The tribes in India form an important part of the total population. It represents an element in Indian society which is integrated with the culture mosaic of our civilization. The tribal population of India constitutes nearly 8 percent of the total population. There are a number



Thoughts & Philosophy of Hazari Prasad Dwivedi

¹Dr.S.K. Tiwari,

²Dr. Ashish Sharma

¹Asstt. Prof., Dept. of English, D.P. Vipra College, Bilaspur

²Asstt. Prof., Dept. of English, D.P. Vipra College, Bilaspur

ABSTRACT :- While studying the literature of Hazariprasad Dwivedi, one element which repeatedly flashes before the eyes is his culture-contemplation. In which the personality and philosophy of life of Acharya Dwivedi developed, the national consciousness of the entire India was being inspired by the idealistic humanistic principles of Mahatma Gandhi at that time. The field of literature was getting illuminated at the same time by the talent of the poet Guru Rabindra. Therefore, it is natural that the ideals of these two great men influenced the thinking of Acharya Dwivedi. Along with this, while his family rites and education of Kashi introduced him to traditional current of thoughts, while teaching in Shantiniketan, his eclectic environment gave him a new vision to test the modern. From his native place of Ballia, he acquired devotion to duty and faith in public life.

Acharya Dwivedi, while accepting from the innermost the belief of 'Sabar Upre Manush Satya, Tahar Upre Nai', had achieved this truth that for the continuous progress of human life, it is very important for him to be culturally conscious. This is the reason that, even after selecting subjects from wide areas of life for his writings, the subject of 'culture' never departs from the center of his thinking. Whether he is contemplating on history or literature, whether he is observing the beauty of nature or discussing Sanskrit literature, whether he is engrossed in deep thought in the Guru's serious style or on a lightly interesting-entertaining subject. However, an undercurrent of culture-contemplation, flows



SHRITI SOMVANSHI ACUTE EFFECT OF MERCURIC CHLORIDE EXPOSURE IN THE FRESHWATER FISH GAMBUSIA AFFINIS.

Shriti Somvanshi
Department of Zoology,
D.P.Vipra College, Bilaspur

ABSTRACT:- The toxic effect of Mercury on freshwater fish *Gambusia affinis* was studied. The LC50 values of mercury in *Gambusia affinis* for 24, 48, 72 and 96 hours were 2.0, 1.5, 1.0 and 0.002 ppm respectively. *Gambusia affinis* fish was silvery white in body in the control group throughout the experiment. The body colour changed from original silvery white to dark colour in heavy metal treated fish. The fish maintained in freshwater behaved normal as usual. But when the fish was exposed to mercury, erratic swimming, abnormal posture, dis-balance, sluggishness, imbalance in posture, increase in surface activity, opercular movement, gradual loss of equilibrium and spreading of excess of mucus all over the surface of the body were observed.

Keywords: *Gambusia affinis*, Acute Toxicity, Mercury, LC50, Behaviour.

Introduction

Pollution is the result of the environment's negative feedback on living creatures. The aquatic ecosystem is not immune to pollution's negative impacts. Recently, there has been a surge of interest. Rivers and estuaries were chosen because they are major sources of pollutants in coastal oceans. As well as oceans Humans are to blame for marine contamination because they introduced new species. Hazardous waste compounds into the maritime environment, either directly or indirectly



खोजी पत्रकारिता-समस्याएँ, चुनौतियाँ एवं भविष्य

डॉ. सुषमा शर्मा

सहा.प्राध्यापक समाज शास्त्र

डी.पी. विप्र महाविद्यालय बिलासपुर (छ.ग.)

पत्रकारिता आधुनिक सभ्यता का एक प्रमुख व्यवसाय है जिसमें समाचारों को संकलित करना, लिखना, जानकारी प्राप्त करके पहुंचाना, सम्पादित करना और सत्यता के साथ प्रस्तुत करना आदि सम्मिलित है। एक नये विश्व समुदाय के निर्माण हेतु पत्रकारिता की भूमिका महत्वपूर्ण है। पत्रकारिता न केवल जनभावना की अभिव्यक्ति है बल्कि वह चौथा स्तम्भ है जनता का सजग प्रहरी भी है। तथ्यों पर आधारित खबर को खोज निकालना खोजी पत्रकारिता है। खोजी पत्रकारिता वह है जिसमें तथ्य जुटाने के लिए गहन पड़ताल की जाती है। बड़े घोटालों या किसी विभाग में हो रही लापरवाही को उजागर करना ही खोजी पत्रकारिता है। अमेरिका में इसे चैक बुक जर्नलिज्म भी कहते हैं।

खोजी पत्रकारिता का आशय -

खोजी पत्रकारिता से आशय उस पत्रकारिता से है जिसमें किसी ऐसी बात की गहराई से जांच पड़ताल करके वास्तविक तथ्यों और सूचनाओं को सामने लाया जाता है। जिस बात को दबाने का प्रयास किया जाता है उन बातों को सार्वजनिक कर अनियमितताओं को सामने लाने की कोशिश की जाती है।

प्रस्तुत शोध आलेख खोजी पत्रकारिता के उन तमाम पक्षों की दृष्टिगत रखते हुए समाज में हो रहे भ्रष्टाचार का पर्दाफाश करने वाली पत्रकारिता के महत्वों पर प्रकाश डालता है।



पं. दीनदयाल उपाध्याय जी का राष्ट्रवाद एवं एकात्मवाद चिंतन

डॉ. स्मृति रानी प्रकाश
सहायक प्राध्यापक (इतिहास विभाग)
डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

संस्कारशीलता के उपासक पं. दीनदयाल उपाध्याय जी एक पोषकता के धनी, शब्द अर्थ और नीति के द्योतक तथ्य पं. जी विचारों में प्रासंगिता प्रभावशीलता के धनी राष्ट्रवाद, मानववादी और एकात्मवाद के महान पालनकर्ता, राष्ट्रवाद में सांस्कृतिक राष्ट्रवाद, राजनीतिक राष्ट्रवाद, मानववादी राष्ट्रवाद, साहित्यिक राष्ट्रवाद और सांस्कृतिक भाषा राष्ट्रवाद के जन, एकात्मवाद और धर्म एकात्मकता और सामाजिक विचार, एकात्मवाद एक दर्शन एकात्मवाद एक चिंतन के प्रहरी, मानवीय मूल्यों के संवाहक भारतीय जीवन मूल्यों को व्यवस्थित करने वाले कारक पं. दीनदयाल उपाध्याय एक आदर्श पत्रकार एवं संपादक और पुरोधा वैचारिक विमर्ष एवं क्रांतिदर्षिता के प्रासंगिक चिंतनदृष्टा आधुनिक लोकतंत्र के जनक थे।

पं. दीनदयाल उपाध्याय जी बहुआयामी व्यक्तित्व के धनी सशक्त, सबल, बिल्पी, संगठनकर्ता शिक्षाविद् समाज चिंतन, समभावी, संरचनात्मकवादी, स्वरूपवादी सगुण, संपूर्णवादी, सिद्धांतवादी, स्वमेववाद, समय महत्वादी, समरूप, व्ययीता को प्रभावित करने वाली विषाल समुद्र मंथन में महारत हासिल करने वाले गोताखोर के रूप में वे एक प्रखर, प्रबल, कुशल, बुद्धिमतापूर्ण, विचार संपादक प्रकाशन, स्तंभलेख एक अति प्रभावशाली संचारक विद्वानों प्रवक्ताओं, चिंतकों, अध्यात्मिक, मानववादी, विचारक भारतीय विचारक अर्थशास्त्री, समाजशास्त्री, इतिहासकार, पत्रकार एवं राष्ट्रीय स्वयं सेवक राजनेता राष्ट्रीय मेधावी, वीर धार्मिक चिंतन, यथेष्ट, कुशल संगठनकर्ता,



**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

2018-19

D.P. Vipra College

Old High Court Road, Bilaspur

Chhattisgarh, India 495001



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Ref No- /

Date: 05.06.2018


To,

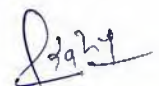
Prof. Richa Handa
Asst. Professor
Department of Computer Science


Subject: Sanction Letter for reimbursement of fees submitted for UGC/CPE Seminar/Workshop.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending UGC/CPE Seminar/Workshop K. N. College, Korba by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
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D.P. VIPRA COLLEGE
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Principal
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Date: 06.09.2018


To,

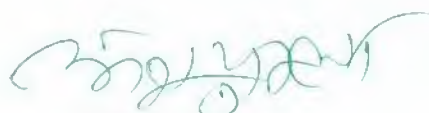
Dr. Manish Tiwari
Asst. Professor
Department of Biochemistry

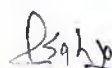
Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

We are pleased to inform you that the fees of Rs. 700/- (Rupees Seven hundred only) submitted for attending International Conference K.N.Mahavidyalaya, Nagpur & D.M.P.D.M. Science College, Nagpur by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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BILASPUR (C.G.)


Principal
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Bilaspur (C.G.)
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 15.12.2018

To,

Dr. R. N. Yadav
Asst. Professor
Department of Geography

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Govt. D.B. Girls College, Raipur by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 10.01.2019

To,


Dr. Anju Shuka
Asst. Professor
Department of Sociology


Subject: Sanction Letter for reimbursement of fees submitted for International Conference.

We are pleased to inform you that the fees of Rs. 700/- (Rupees Seven hundred only) submitted for attending International Conference G. S. College, Jabalpur by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
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Principal
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Date: 10.01.2019


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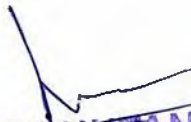
Prof. Vishwas Victor
Asst. Professor
Department of Computer Science


Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference Dr. C. V. Raman University, Kota Bilaspur by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Date: 04.02.2019


To,

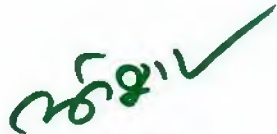
Dr. Sunita Yadav
Asst. Professor
Department of Political Science

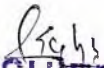
Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Kirodimal Govt. Arts & Science College, Raigarh by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 04.02.2019

To,

Dr. Suruchi Mishra
Asst. Professor
Department of Hindi

Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference Hindi Adhyayanshala Vikram Vishwavidyalaya, Ujjain by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

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Bilaspur (C.G.)
D.P. Vipra College
Bilaspur (C.G.)

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Date: 04.02.2019

To,

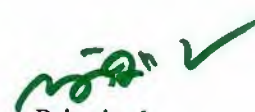
Dr. Abha Tiwari
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Dr. Babasaheb Ambedkar Marathwada University, Aurangabad by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

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BILASPUR (C.G.)


Principal
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Date: 02.05.2018


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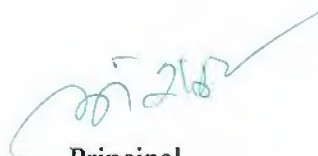
Dr. Sadhana Shome
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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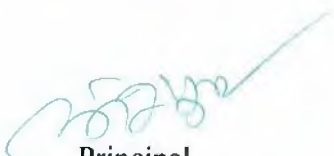
Dr. S. K. Tiwari
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018

To,


Dr. M. L. Jaiswal
Asst. Professor
Department of Botany

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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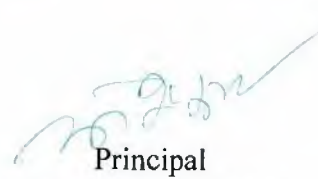
To,

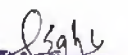
Dr. Sushma Sharma
Asst. Professor
Department of Sociology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018


To,

Dr. Renu Nayar
Asst. Professor
Department of Chemistry


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018


To,


Dr. Vivek Ambalkar
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 18.05.2019


To,

Dr. Oorja Ranjan Sinha
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in International Journal of Analytical & Experimental Model Analysis by you for the year 2018-19 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 02.05.2018


To,

Prof. Jayanta Roy
Asst. Professor
Department of Commerce


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018


To,


Prof. A. Shri Ram
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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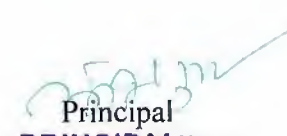
To,


Prof. Toshima Mishra
Asst. Professor
Department of Zoology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018


To,

Prof. Shriti Somvanshi
Asst. Professor
Department of Zoology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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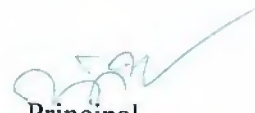
To,

Prof. Snehlata Mishra
Asst. Professor
Department of Maths


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018


To,

Dr. Ashutosh Pandey
Asst. Professor
Department of Maths


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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To,


Prof. Pradeep Jaiswal
Asst. Professor
Department of Chemistry


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Phone No.- 07752-424497, Web. – www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 02.05.2018

To,


Prof. Mayank Chandra
Asst. Professor
Department of Chemistry

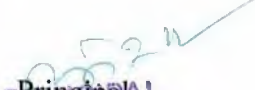
Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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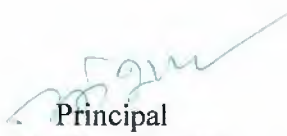
To,


Prof. Anju Halwai
Asst. Professor
Department of English

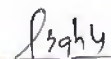
Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 02.05.2018

To,

Prof. Jharna Patel
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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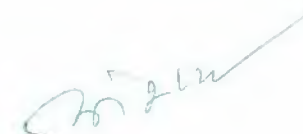
To,

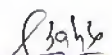
Dr. Ashish Sharma
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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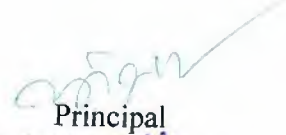
To,


Prof. Niraj Soni
Asst. Professor
Department of Microbiology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Ref No- /

Date: 02.05.2018

To,


Dr. Subhraj Pandey
Asst. Professor
Department of Microbiology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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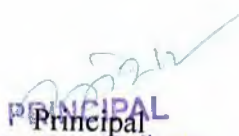
To,


Dr. K. B. Singh
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 02.05.2018

To,

Dr. Khagendra Soni
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Bilaspur (C.G.)

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BILASPUR (C.G.)

ACCOUNTANT
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 02.05.2018

To,


Prof. Kiran Dubey
Asst. Professor
Department of Public Administration

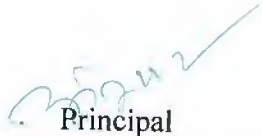
Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Digest by you for the year 2018-19 has been approved by the institution as per policy.

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Principal
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Date: 02.05.2018

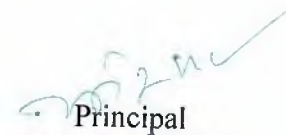
To,

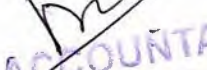
Prof. Rupendra Sharma
Asst. Professor
Department of Political Science


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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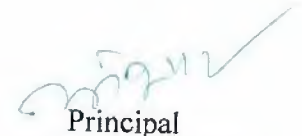
To,


Prof. Gendlal Banjare
Asst. Professor
Department of Geography


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Phone No. 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 02.05.2018

To,

Prof. Reena Tamrakar
Asst. Professor
Department of Geography

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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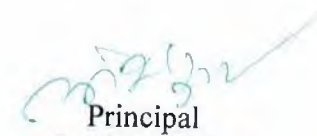
To,

Prof. Archana Singh Thakur
Asst. Professor
Department of Hindi


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Ref No- /

Date: 02.05.2018


To,

Dr. Vimal Patel
Asst. Professor
Department of Geography


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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CASHIER
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BILASPUR (C.G.)


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Ref No- /

Date: 02.05.2018

To,

Dr. Rashmi Sharma
Asst. Professor
Department of History

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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[Signature]
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BILASPUR (C.G.)

[Signature]
ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

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D.P. VIPRA COLLEGE
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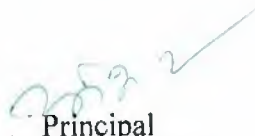
To,


Dr. Taru Tiwari
Asst. Professor
Department of History

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Kamla Nehru Mahavidhyalaya

Rani Road Korba (Chhattisgarh)

NAAC "B" Grade (CGPA-2.55)

UGC-CPE Seminar/Workshop

23.06.2018 to 30.06.2018

Appreciation Certificate

This is to Certify that Department of Computer Science and IT organized a one day Seminar/Workshop on the topic MATLAB by Miss RICHHA HANDA, D.P. Vidya College, Bilaspur (C.G.) sponsored by, UGC-CPE at Kamla Nehru Mahavidyalaya Korba (C.G.) on dated 23-06-2018

G.D. Sharma
Dr. G.D. Sharma
Vice Chancellor
Bilaspur University, Bilaspur

Dr. Bansilal Mahto
Member of Parliament, Korba
Chairman GB

Prashant Bopapurkar
Dr. Prashant Bopapurkar
Convener/UGC Incharge

K.J. Kaur
Mrs. K.J. Kaur
(I/C Principal)

Certificate

International Conference on Multifunctional Advanced Materials ICMAM-2018

Under the Auspices of Indian Association of Solid State Chemists and Allied Scientists (ISCAS), Jammu

Organised By

Kamla Nehru Mahavidyalaya, Nagpur

and

Dharampeth M. P. Deo Memorial Science College, Nagpur



This is to certify that Prof. /Dr. /Mr. /Ms. *Dr. Manish K tiwari*

of *DPV College Bilaspur*

has participated in the International Conference on *Multifunctional Advanced Materials* (ICMAM-2018) held
on 5th to 7th October 2018. He/She delivered Invited Talk/Chaired session/presented Oral/Poster paper entitled

Dr. M. Swaminathan
Dr. M. SWAMINATHAN
President (ISCAS)
ICMAM-2018

Dr. W. B. Gurnule
Dr. W. B. GURNULE
Convener
ICMAM-2018

Dr. Akhilesh Peshwe
Dr. AKHILESH PESHWE
Principal, Dharampeth Sci. College
Nagpur

Dr. A. I. Kamble
Dr. A. I. KAMBLE
Principal, KNM
Nagpur

Adv. Abhijit Wanjarri
Adv. ABHIJIT WANJARRI
Secretary, ASM
Nagpur



NATIONAL SEMINAR
ON
URBANIZATION AND ITS IMPACT

(WITH REFERENCE TO SMART CITY)

4-5 January 2019



CERTIFICATE


This is to certify that


Dr./Mr./Mrs./Ku.....डॉ. रम. यादव.....

has Chaired/delivered guest lecture/attended the technical Session/Presented paper entitled

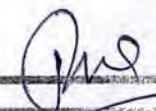
स्मार्ट सिटी - बिलासपुर नगर के संदर्भ में.....

in the Seminar organised under the aegis of C.G. Bhoogol Parishad and Department of
Geography, Govt. D.B. Girls P.G. Autonomous College, Raipur (C.G.)


Dr. Rekha Pandey
Principal


Dr. J.P. Shivhare
President CGBP


Dr. Sheela Shridhar
Convener





**Social Science &
Management Welfare
Association**

**GS College of Commerce
& Economics Jabalpur
(M.P.) INDIA**



3rd International Conference on Multidisciplinary Research in Sustainable Agriculture Development Opportunities & Challenges

Venue : Conference Hall, G. S. College, Jabalpur (M.P.)
Date : 10 / 02 / 2019, Sunday

Certificate

This is to certify that Prof/Dr/Shri/Mrs./Mr./Ku. ANJU SHUKLA
University / College / Organization D. P. VIJAYA COLLEGE BILASPUR
Registration No.127..... attended the 3rd International Conference on
Multidisciplinary Research in Sustainable Agriculture Development Opportunities &
Challenges, Two Days International conference jointly organized by SSMWA, Youth Economics
Association & G.S. College of Commerce & Economics (Affiliated to Rani Durgawati
Vishwavidyalaya, Jabalpur (M.P.) INDIA

He/She successfully attended/Participated / Presented / Resource Person / Subject Expert

a paper entitled उत्तीसगढ़ की कृषि व्यवस्था का समाजवादीय
अध्ययन

Jairus
Jairus Casian Mlowe
Vice President-Social Science &
Management Welfare Association
Tanzania, Africa

José R. Vázquez Hernández
Profesor Investigador miembro del Sistema Nacional de Investigadores
Centro University de
ciencias Economico Administrativas
universidad de Guadalajara, Mexico
Social Science & Management Welfare
Association

Prabha
Dr. Thoudam Prabha
University of Buraimi,
Sultanate of Oman

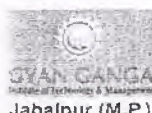
Dr. R. K. Acharya
Dr. R. K. Acharya
Principal MGPG College Kareli
Dean, Faculty of Commerce
R.D.V.V. & Executive Council
Member RDVV, Jabalpur (M.P.)
Member Advisory Board SSMWA

Dr. D. Vishwakarma
Dr. D. Vishwakarma
Convener
Social Science & Management
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(NCACSIT)
National Conference

On

Advances in Computer Science and Information Technology (NCACSIT)

Certificate

This is to Certify that Prof./Dr./Mrs./Ms./Mr. Vishwas Victor
of Research scholar, Dr. C.V. Raman University has Presented/Participated paper entitled
Various Scope of Microarray Data Analysis in National Conference on "Advances in Computer Science and
Information Technology (NCACSIT)" held on 22nd & 23rd February 2019 at Dr. C.V. Raman University, Kota, Bilaspur, Chhattisgarh, India.

Dr. R.P. Dubey
Vice- Chancellor

Mr. Gaurav Shukla
Registrar

Dr. Rohit Miri
Convener

Mr. Abhinav Shukla
Convener

किरोड़ीमल शास. कला एवं विज्ञान महाविद्यालय रायगढ़ (छ.ग.)

आयोजक : राजनीति विज्ञान विभाग

राष्ट्रीय शोध संगोष्ठी

26 फरवरी 2019

भारत में राजनीति का अपराधीकरण : स्वरूप एवं निदान

प्रमाण-पत्र

प्रमाणित किया जाता है कि प्रो. / डॉ. / श्री / श्रीमती / सुश्री सुनीता यादव

स्थान डी. पी. विप्र महावि. बिलासपुर (छ.ग.)

ने "भारत में राजनीति का अपराधीकरण: स्वरूप एवं निदान" विषय पर आयोजित एक दिवसीय राष्ट्रीय शोध संगोष्ठी में सत्राध्यक्ष / विषय विशेषज्ञ / प्रपत्र वाचक / प्रतिभागी के रूप में सहभागिता की।

शोध पत्र का विषय भारतीय राजनीति का अपराधीकरण एक चिंतनीय विषय

(डॉ. प्रीति बाला बैस)

संयोजक

(डॉ. कै. एल. टाण्डेकर)

प्राचार्य / संरक्षक

हिन्दी अध्ययनशाला, विक्रम विश्वविद्यालय, उज्जैन (म.प्र.)

(नेक द्वारा 'ए' ग्रेड प्रदत्त)



राष्ट्रीय शोध संगोष्ठी

NATIONAL RESEARCH CONFERENCE
सूचना प्रौद्योगिकी में हिन्दी : शक्ति और सम्भावनाएँ

28-29 मार्च 2019

महात्मा गांधी 150 वीं जयंती वर्ष

प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/सुश्री/डॉ. सुरुचि मिश्रा
संस्था डी. पी. विप्र. महा. बिलासपुर (छ.ग.) हिन्दी अध्ययनशाला, विक्रम विश्वविद्यालय
द्वारा 28-29 मार्च 2019 को 'सूचना प्रौद्योगिकी में हिन्दी : शक्ति और सम्भावनाएँ' विषय पर
अभिकेन्द्रित राष्ट्रीय शोध संगोष्ठी में सहभागिता की।

इन्होंने सूचना प्रौद्योगिकी में हिन्दी की उपादेयता विषय पर शोधपत्र प्रस्तुत किया/
व्याख्यान दिया/ सत्र की अध्यक्षता की।



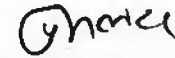
प्रो. शैलेन्द्र कुमार शर्मा

मुख्य समन्वयक

आचार्य एवं अध्यक्ष

हिन्दी अध्ययनशाला एवं कुलानुशासक

विक्रम विश्वविद्यालय, उज्जैन (म.प्र.)



प्रो. प्रेमलता चुटैल

मुख्य समन्वयक

आचार्य एवं पूर्व विभागाध्यक्ष

हिन्दी अध्ययनशाला

विक्रम विश्वविद्यालय, उज्जैन (म.प्र.)



Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
&



Ajintha Education Society's

Pandit Jawaharlal Nehru Mahavidyalaya, Aurangabad (M.S.) India

JOINTLY ORGANISED INTER-DISCIPLINARY

National Seminar

on

INDIAN FOREIGN POLICY AND PRESENT SCENARIO


Monday February 18 , 2019

Certificate

This is to certify that Mr./Mrs. / Prof. / Dr. ABHA TIWARI
of..... D.V. Vipra College Bilaspur C.G. participated / delivered a plenary lecture as Resource
Person / Chairperson / Presented a paper entitled भारत की विदेश नीति में राजनय का स्वरूप
in National Seminar on "INDIAN FOREIGN POLICY AND PRESENT SCENARIO" held at Ajintha Education
Society's Pandit Jawaharlal Nehru Mahavidyalaya, Aurangabad (M.S.).


Dr. Pandit S. Nalawade

Convener


Dr. Ganesh M. Agnihotri

Principal

बाल श्रम एक अभिशाप (वर्तमान परीपेक्ष में)

सार -

कोई भी शिशु जन्मजात व स्वभावतः बालश्रमिक व अपराधी नहीं होता। बच्चों को इन समस्याओं से निकालने व उभारने का काम अभिभावकों की जागरूकता ही कर सकती है। वर्तमान परिपेक्ष में बालश्रम की समीक्षा करें तो आज की आधुनिक जीवन शैली ने अभिभावकों और बच्चों के सेवेदनशील संबंधों को संक्रमण काल के दौर में लाकर खड़ा कर दिया है। पहले माता-पिता अभिभावक आपके बच्चों के सुख-दुख और अपनेपन के साथ-साथ थे, परन्तु आज माता-पिता संरक्षक, भौतिकता एवं महत्वाकांक्षा की अंधी-दौड़ में व्यस्त हो गए हैं।

बाल श्रमिक क्या है? या कौन है? ये जानने के लिए अगर पारिभाषिक दृष्टि से देखें तो एक बालश्रमिक वह है जो अपने घर चलाता है या माता पिता के नियंत्रण में है। मनोवैज्ञानिक भी इस बात को स्वीकारते हैं कि मानव परिस्थिति की या संस्थाएँ व्यक्ति पर प्रभाव डालती हैं और इसके दबाव और इसके तनाव के कारण वह बालश्रमिक बन जाता है। मानसिक रूप से परिस्थिति जन्य एवं सांस्कृतिक वातावरण बालकों द्वारा किए गए अधिकांश अपराधों में से लगभग 2-4 प्रतिशत बालश्रमिक ही पुलिस और न्यायालय के ध्यान में आते हैं।

शिक्षा मानव जीवन की आधारशिला है। शिक्षा ने मनुष्य की जन्मजात मुल प्रवृत्तियों को शोभित किया है उसमें विवेक उत्पन्न कर अन्वेषण की प्रकृति पैदा की, वर्तमान समय में बालश्रम एक अपराध के रूप में सामने दिखाई देता है जबकि बालश्रम स्वयं एक समस्या है। समाज में अनाथ और पिछड़े वर्ग के लोगों को गुलाम के रूप में उपयोग करना एक प्रचलन था किन्तु आर्य बालकों का प्रयोग प्रतिबंधित था। मानव संसाधन प्रबंध के पितामह रॉबर्ट ओवन तथा वैज्ञानिक क्रांति के जनक टेलन ने बालश्रमिकों के रूप में अपना जीवन आरंभ किया था, राष्ट्रपति महात्मा गांधी ने शिक्षा के संबंध में लिखा है कि शिक्षा से मेरा तात्पर्य उस प्रतिक्रिया से है जो बालक एवं मनुष्य के शरीर आत्मा और मन का सर्वोत्कृष्ट विकास कर सकें। स्वामी विवेकानंद कहते हैं अच्छी शिक्षा पाना बालक का हक है हमें उस शिक्षा की आवश्यकता है जिसके द्वारा चरित्र का निर्माण होता है, देश को बाल श्रमिकों से मुक्त कराने और इस समस्या के निराकरण हेतु अनेक प्रावधान नियम कानून, योजनाएँ एवं परियोजनाएँ

प्रचलित हैं। लेकिन विडम्बना यह है कि जितने बच्चों को विशेष प्रयास के माध्यम से श्रम बाजार से मुक्त कराया जाता है उससे अधिक बच्चे श्रमिक के रूप में बाजार में पहुँच जाते हैं और उनकी संख्या में वृद्धि हो जाती है।

यह माना जाता है कि भारत में कुल श्रमशक्ति का लगभग 3.6 प्रतिशत हिस्सा 14 साल से कम उम्र के बच्चों का है हमारे देश में 10 बच्चों में से 9 बच्चे काम करते हैं। भारत सरकार दूसरे राज्यों के सहयोग से बाल मजदूरी खत्म करने की दिशा में तेजी से प्रयासरत है। इस लक्ष्य को हासिल करने के लिए सरकार ने राष्ट्रीय बाल श्रम परियोजना (N.C.L.P.) जैसे महत्वपूर्ण कदम उठाई जिससे हजारों बच्चों को सुरक्षित बचाया गया है।

किसी भी नियुक्ता को एक निश्चित आयु से कम के बच्चे को किराये पर रखने की अनुमति नहीं है। न्यूनतम आयु देश पर निर्भर करता है जैसे संयुक्त राष्ट्र अमेरिका में बालश्रम कानून से किसी प्रतिष्ठान में बिना माता-पिता को सहमति न्यूनतम उम्र 16 वर्ष निर्धारित किया है। 1990 के दशक में दुनिया के प्रत्येक देश

ने सोमालिया और संयुक्त राष्ट्र अमेरिका को छोड़कर बाल अधिकार के समेलन के दौरान हस्ताक्षर किये। एक प्रभावशाली समाचार में बालश्रम के अर्थशास्त्र पर अमेरिकी आर्थिक समीक्षा 1998 में कौशिक शिशु वस्तु और हुआंग वान का तर्क है कि बाल श्रम का मूल कारण माता-पिता की गरीबी है।

बालश्रम एक चिंतनीय समस्या है। इसे रोकने के लिए हमें सबसे पहले निम्न कार्य करने होंगे - सबसे पहले बच्चों से उनके कार्य पर जाने का कारण जानना होगा, फिर श्रमिक क्यों हैं, क्या मजबूरी है, उसके पश्चात् यह भी जानना होगा कि बच्चों को क्यों नहीं पढ़ाया जाता ? इस विषय पर विचार विमर्श करना होगा।

सन् 1779 में सरकार में गुरु स्वामी समिति का गठन किया गया था। जिसका उद्देश्य उन कारणों का पता लगाना था जिसके कारण बाल मजदूरी फैलती जा रही है। इस समिति के अनुसार बाल मजदूरी का मुख्य कारण गरीबी है। वर्ष 2008 में सरकार ने बालश्रम को अपराध घोषित किया। जिसके

डॉ. साधना सोम, सहायक प्राध्यापक - समाजशास्त्र, डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

AN OVERVIEW OF ASIAN ENGLISH LITERATURE

ABSTRACT:

Some keratinophilic fungi i.e. *Acremonium* species, *T. rubrum*, *C. indicum*, *Malbranchea* species, *Microsporum*, *fulvum* have been studied for their nutritional requirement. The complex organic nitrogen sources were found good for the growth and development of keratinophilic fungi under test. They differ in their ability to utilize inorganic and simple organic nitrogen sources.

One symposium was organized jointly by the British Council and the Hongkong University held in Hong Kong in April 1990, brought together a number of Asian and ex-patriate Asian writers writing in English. Since then this phrase Asian English Literature came in prominence. Asian-English literary writing was defined as novels, short stories and poetry created directly into English by Asian writers. In preparing for the Symposium the organizers needed to decide what exactly was to be included under the heading, 'Asian.' A definition was arrived at based on the inclusion of all Asian countries other than the Arab-Asian countries belonging to the Middle East and the Soviet Asian Republics. A more accurate title for the Symposium might have been 'Indian Sub-Continental, South-Eastern and Far Eastern Voices in English.' This paper will follow the same definition of 'Asian' as was employed in the Symposium. Reference to Asian literature in translation is not included in this discussion. This does not indicate a prejudice against translation; good translation is, in its own way, as creative as the original composing process itself. However,

a survey of good translations of Asian literature is not within the scope of this paper. All discussion will, therefore, be exclusively about Asian- English literature written in English.

The most significant source of Asian English literature is India. Of all the Asian countries it is perhaps the only one to have a substantial and internationally recognized literature in English. Both Indian writers writing at home such as N.K.Narayan, Nayantara Saghil, Raja Rao, Anita Desai, A.K. Ramanujan, Nissim Ezekiel, Attia Hosain and Indian writers from other countries such as V.S. and the late Shiva Naipal, Vikram Seth, Mulk-Raj Anand, Amitav Ghosh, and, of course, Salman Rushdie have achieved international readerships. There is already a considerable critical literature on the works of some of these Indian writers, Narayan and Naipal, and many have received international literary prizes. That India has a rich and well established literature in English is a well known fact.

There are two other Asian countries, apart from India, that can lay claim to a broad based contemporary literature in English. There are the

Philippines and Singapore. Well established writers writing in English include : in the Philippines, Nick Joaquin, Francisco Sionil Jose, Cesar Ruiz A. Yuson, and in Singapore, Catherine Lim, Gopal Baratham, S.Kon Masuri Bin Sulikun, Ma Llangkannan, Dr. Wong Yoon Wah, Wong Meng Woon, Arthur Yapp and Rebecca Chua. It may be noted here that in the three countries with the most developed literature in English India, the Philippines, and Singapore the English language itself has official status. Hong Kong seems to be an exception in that, although English is an official language, there is no significant contemporary literature in English, although Timothy MO, a Hong Kong novelist living in the UK, is achieving international recognition.

Other Asian-English Literatures

The Symposium included a range of writers from a broad spectrum of other Asian countries, as well as India, Singapore, and the Philippines who, for their own particular reasons, have elected to write either exclusively in English or to write in English as well as their native language. It also focussed on the fact that certain Asian countries

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PHYTOPLANKTON POPULATION OF BANDHAWA POND WATER OF KOTA

ABSTRACT:

ABSTRACT:-The aim of this research is to carry out an ecological survey of the phytoplankton of Bandhawa pond. Phytoplanktons are ubiquitous components of the algal species near the surface water of pond. Phytoplankton species are photosynthetic and are grazed upon by zooplankton and other aquatic organisms. Bandhawa pond contains variety of Phytoplankton species which represents the major division of algae including chlorophyta, basillariophyta, euglenophyta and myxophyta.

Key Words:- *Phytoplankton, chlorophyta, basillariophyta, euglenophyta and myxophyta.*

Introduction -

Phytoplankton are ubiquitous component of the algal species near the surface water. they have often been considered as the indicators of water quality (Rawsen, 1956 malak 1979) Phytoplankton species are photosynthetic and are grazed upon by zooplankton and other aquatic organisms (Clesceri et al 1998). Phytoplankton sometimes develop noxious blooms, creating an offensive taste, odour and toxic conditions that may result in animal death & human illness (Carmich ael 1981). Phytoplankton occurs in unicellular, colonial or filaments forms and because of their short life cycle they respond quickly even to the slight fluctuation in the physiceh. hemical environment resulting in alterate population abundance species composition in the surface water in which they are found Phytoplankton community are abundant in the surface water of tropical ponds and play an important role in

maintaining ecology of water quality of fresh water ecosystem (Parker hatcher, 1974).

In the present work Bhandhawa pond of Kota Tehsil is selected for Phytoplankton study.

Material and Methods:-

The Phytoplankton sample are collected monthly 02 month July

& August from three different sites of the pond. The Phytoplankton samples were collected by plankton net of No. 20 silk bolting cloth (Mesh size0076mm) and preserved in 1% formalin solution. The identification of Phytoplankton on the base of their morphological feature, up to the level of species according to literature in

Table
Phytoplankton Species found in two months.

No.	Algal Species	July	August
	Chlorophyta		
1	Chlamydomonas Sps.	40	60
2	Oedogonium Sps	40	65
3	Eudorina Sps	10	15
4	Pithophora sps	20	20
5	Hydrodictyon reticulatum	15	20
6	Pediastrum Sps	15	18
7	Scendesmus sps	10	15
8	Zygnema sps	15	17
9	Coleocheate sps	15	18
10	Spirogyra sps	10	15
	Euglenophyta		
11	Euglena sps	10	12
	Myxophyta		
12	Microcystis sps	8	10
13	Nostoc sps	10	15
14	Anabaena sp	8	15
15	Spirullina sps	4	15
	Total	230	330

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भारत में साइबर अपराध एवं रोकथाम हेतु अपनाए गए उपाय - एक समाजशास्त्रीय विश्लेषण

सार -

भारत में साइबर अपराधों की संख्या अन्य विकसित देशों की अपेक्षा काफी कम है। धीरे-धीरे इसमें निरंतर वृद्धि हो रही है। जैसे कि स्पैम ईमेल, किसी जानकारी की हैकिंग, वाइरस फैलाना, साइबर प्राइवेसी, फर्जी बैंक कॉल्स, सोशल नेटवर्किंग साइटों पर अफवाह फैलाना, साइबर बुलिंग आदि खतरनाक अपराध शामिल हैं। प्रारंभिक स्तर पर साइबर क्राइम पकड़ में नहीं आता है, लेकिन अपने परिणामों के साथ यह सभी की नजर में आ ही जाता है। इसके माध्यम से जानकारी और डेटा का अवैध हस्तांतरण किया जा सकता है। कुल मिलाकर इसका उपयोग गलत काम या आपराधिक घटना को अंजाम देने के लिए किया जाता है। साइबर अपराध, साइबर अपराधियों द्वारा किया जाने वाला दण्डनीय अपराध है। यह एक अपराधिक कृत्य है, यह किसी संगठन, व्यक्ति, या सरकार को भी नुकसान पहुँचाने की दृष्टि से किया जाता है।

आज का युग सूचना प्रौद्योगिकी का युग है। आज जीवन के प्रत्येक क्षेत्र में सूचना और संचार प्रौद्योगिकी (Information and Communication Technology) ने अपनी पहुँच बना ली है। भारत में पिछले कुछ वर्षों में सूचना एवं संचार प्रौद्योगिकी के क्षेत्र में उल्लेखनीय प्रगति हुई है। साइबर अपराध मुख्यतः इलेक्ट्रॉनिक संचार माध्यमों द्वारा सूचनाओं के आदान-प्रदान, विशेष रूप से ई-मेल एवं ई-व्यापार के दुरुपयोग से संबंधित हैं। यह अपराध केवल भारत में ही नहीं बल्कि सभी देशों में चिंतनीय है। सभी देश इसके रोकथाम हेतु प्रयत्नशील हैं। संचार व्यवस्था में डिजिटल तकनीक से क्रांतिकारी परिवर्तन हो रहे हैं। आज उपभोक्ता एवं व्यापारी कम्प्यूटरों में सभी प्रकार की सूचनाएँ सुरक्षित रख रहे हैं। कागज एवं फाइल खराब हो सकते हैं इसलिए कम्प्यूटर में सभी प्रकार की सूचनाएँ सुरक्षित रख रहे हैं। साइबर अपराध का संबंध सूचना का किसी अनाधिकृत व्यक्ति द्वारा दुरुपयोग है या जिसमें गैर-कानूनी कार्यों हेतु कम्प्यूटर को एक हथियार अथवा निशान के रूप में प्रयोग किया जाता है।

साइबर अपराध के रूपों पर दृष्टिपात

करें तो यह स्पष्ट होता है कि यह अनेक रूपों में विद्यमान है। वैसे तो इसके अनेक रूप हैं लेकिन तीन को प्रमुख माना जाता है, जैसे-

1. कम्प्यूटर आधारित प्रलेखों के साथ हेर-फेर (Tempering with Computer Source Documents)
2. कम्प्यूटर सिस्टम को अपने नियंत्रण में लेना (Tracking with computer system)
3. अश्लील सामग्री का प्रकाशन (Publishing of obscene material)

भारत में साइबर अपराधों की संख्या अन्य विकसित देशों की अपेक्षा काफी कम है। धीरे-धीरे इसमें निरंतर वृद्धि हो रही है। जैसे कि स्पैम ईमेल, किसी जानकारी की हैकिंग, वाइरस फैलाना, साइबर प्राइवेसी, फर्जी बैंक कॉल्स, सोशल नेटवर्किंग साइटों पर अफवाह फैलाना, साइबर बुलिंग आदि खतरनाक अपराध शामिल हैं। प्रारंभिक स्तर पर साइबर क्राइम पकड़ में नहीं आता है, लेकिन अपने परिणामों के साथ यह सभी की नजर में आ ही जाता है। इसके माध्यम से जानकारी और डेटा का अवैध हस्तांतरण किया जा सकता है।

कुल मिलाकर इसका उपयोग गलत काम या

आपराधिक घटना को अंजाम देने के लिए किया जाता है। साइबर अपराध, साइबर अपराधियों द्वारा किया जाने वाला दण्डनीय अपराध है। यह एक अपराधिक कृत्य है, यह किसी संगठन, व्यक्ति, या सरकार को भी नुकसान पहुँचाने की दृष्टि से किया जाता है।

इस शोध आलेख के जरिए हमारे द्वारा साइबर अपराध और जागरूकता संबंधी जानकारी प्रदान कर जनमानस को सचेत करने का प्रयत्न किया गया है।

साइबर अपराध और जागरूकता -

1. साइबर अपराध के भयानक दुष्परिणामों से बचने के हेतु विभिन्न सुरक्षा उपायों का पालन किया जाना चाहिए।
2. पासवर्ड मजबूत एवं जटिल होना चाहिए, जिसका अनुमान लगा पाना संभव न हो सके।
3. सिस्टम को लगातार अपडेट करते रहना चाहिए।
4. स्वयं को स्मार्ट एवं एक्टिव रहना होगा ताकि हमारी महत्वपूर्ण जानकारी चोरी न हो जाए।
5. अभिभावकों को अपने बच्चों को इंटरनेट से संबंधित जानकारी देनी होगी ताकि वे

डॉ. सुषमा शर्मा, सहायक प्राध्यापक - समाजशास्त्र, डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

ENVIRONMENTAL REMEDIATION BY IRON NANOTECHNOLOGY: APPLICATIONS FOR WASTEWATER TREATMENT

ABSTRACT :

Nanomaterial is an emerging compound with advance technological impacts in various applications. It's a great opportunity in different areas including wastewater remediation. Industrial wastewater is generated with anthropogenic activities and is the most environmental threat that needs remediation to protect the environmental damages and reducing affect to human health. Now advance wastewater treatment techniques are applied and the utilization of nanomaterials for pollutant removal is an emerging technology. In this work, the overview of the synthesis of iron-based nanoparticles, such as iron-oxides and iron hydroxide, nanoparticles are reviewed. In addition to the detailed discussion on the preparation of iron-based nanoparticles, their application on waste water treatment and its removal mechanisms. Iron-based nanoparticles' removal efficiency for specific pollutants and perspective in environmental remediation are also analysed. The advancements and future perspectives of iron-based nanoparticles are also highlighted.

The nano iron oxides have been synthesized by almost all the known wet chemical methods which include precipitation at elevated temperatures, surfactant mediation, micro-emulsion, electro-deposition etc. Iron oxides in nano-scale have exhibited great potential for their applications as wastewater treatment adsorbents. Nano magnetite Fe_3O_4 , and maghemite $\gamma\text{-Fe}_2\text{O}_3$, exhibiting excellent magnetic properties find applications for biomedical purposes and they are being evaluated for their applications in water purification for the removal of toxic ions.

Introduction -

Water is the most important and restrained aid on Earth, which has been contaminated due to the fast growth of industrialization combined with the increasing population, through the releasing of heavy metals and many organic and inorganic components [1]. The contaminants pose several concerns to the environment and human health that strengthen the application challenges of conventional treatment technologies [2], [3]. The chief sources of water and soil contamination are sewage water,

industrial wastewater, and improper use of pesticides, fertilizers, and oil spills in the agricultural systems. The quick growth of nanotechnology has added a lot of intrigue in the use of nanomaterial in enhanced systems for controlling and cleaning contaminants in the water, soil, and air segments [4], [5].

Nanomaterial is an emerging material with potential technological impacts in various applications. It imposes great opportunities in various disciplines including wastewater remediation. Industrial wastewater is generated with

anthropogenic activities and is the most environmental threat that needs remediation to overcome the environmental damages, thereby reducing human risks. Now day by day advance wastewater treatment techniques are applied Nano based oxide of iron is a promising tool for removing of carcinogenic contaminants from wastewater and water for drinking water production and irrigation [6]. Due to its cost-effective and environmentally friendly manner, nanotechnology has attracted tremendous attention in enhancing oil recovery [5], [7]. The

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STUDY OF DEPOSITION AND CHARACTERIZATION OF GA-N CO-DOPED ZnO THIN FILMS

ABSTRACT:

Zinc Oxide is an inorganic Compounds with the formula of ZnO. ZnO Is a wide band gap of semiconductor of the II-IV semiconductor group. ZnO is a very promising material for semiconductor device application. It has a direct and wide band gap ,and zinc oxide crystallize in the wurtzite structure the same of GaN, but ZnO is available as large bulk single crystal.

Introduction:

Zinc oxide ZnO is a wide band gap (3.47eV) semiconductor which has broad range of potential uses in optical and electrical applications such as in solar energy conversion, thin film transistors, photocatalysis, nonlinear optics, gas sensors, pigments, cosmetic, LED, anti-UV and low-emission coatings, and photoluminescent and sensor materials [1-8]. ZnO crystal are almost always n-type, the cause of which has been a matter of extensive debate and research. With the recent success of nitrides in optoelectronic, ZnO had been considered as a substrate to GaN, to which it provides a close match.

Literature Review :

Review of Literature

(1) **GHAO Hongsheng, GU Yudan, ZHANG Nan, Gao Yahong:** Based on the Density Functional theory, the structure of pure ZnO, N doped, and GaN- co-doped wurtzite ZnO was calculated by using First principle plane wave ultrasoft pseudopotential method. it is hoped that these theoretical results may provide reliable reference for future experiment and theoretical investigations.

(2) **Suhakar shet :** In this study; band

gap reduce p - type ZnO thin films were synthesized through Cu and Ga co-doping. The ZnO (Cu,Ga) films were synthesized by RF magnetron sputtering in O₂ Gas ambient at room temperature and then annealed at 500 deg C in air for 2 hour. it can optimize the carrier concentration and thus dramatically enhance PEC response for the band gap - reduced p type ZnO thin film.

(3) **G.X. Liu, F.K. Shan, B.C. Shin and W.J. Lee:** Pulsed laser deposition (PLD) technique is very powerful method for fabricating laser various oxide thin films due it's native merit. In this study, gallium and nitrogen ZnO thin films (0.1 at %) were deposited at different temperature (100-600) on sapphire (001) substrates by using PLD. X-ray diffractometer, atomic force microscopy spectroscopy were used to characterized the structure, the morphological and the optical properties of thin film.

(4) **Prof. Dr. C.Klingshirn :** The work on Properties of Zinc Oxide and its application with suitable condition. Zinc Oxide has wide application in (transparent) electronics or optoelectronics is not yet clear. since prophecy is notoriously difficult task nobody now can give a definite answer, but

perspective are exciting that it makes sense to invest idea, money and work in this field during the next year's.

(5) **K.Nakahara, H.Takasu, P.fons, A.Yamada, K.Iwata, K Matsubra :** It has been therortically predicated that the co-doping of an acceptor (nitrogen) and donor (aluminium, gallium, indium) in 2:1 Ratio can able the fabrication of low resistivity p-type ZnO due to reduction of the made lung energy making the nitrogen acceptor energy level shallower. we have been growing N-doped and Ga+N co-doped ZnO films by radical -source molecular beam epitaxy . nitrogen and oxygen radical were separately supplied via radio -frequency radical cells. nitrogen did not incorporate in ZnO films at the high substrate temperature of 6001 C : Lower substrate temperature were concentration also depend.

However, from SIMS and XRD measurements, the formation of a non-ZnO phase was confirmed, which is identified as ZnGa₂O₄. The presence of the additional phase makes unambiguous determination of carrier type difficult and will undoubtedly place severe restrictions on the practical utilisation of the co-doping.

Conclusion :

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Bhagwat Kaushik, Assistant Professor, Department of Physics, D.P.Vipra College, Bilaspur (C.G.)

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HOW DO ALPHABETS DETERMINE SPELLING AND PRONUNCIATION ?

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There is a right and a wrong way to pronounce a word, and there is also right and a wrong way to write down the spelling of a word. For example, the correct spelling of the word is y-o-g-a but it is wrongly pronounced as **yoga**(y-o-g-a-a). On the other hand, the english word pronounced as Wensday is written down as "Wed-nes-day". There are, in fact, countless words which are not pronounced the way their spellings suggest. There are reasons, and one such reason is to keep harmony of letters in pronunciation. As we know, the letters *r* and *d* sound hard and until their utterance in the pronunciation of the word is necessary they are not to be pronounced. If *b* that follows *m* is the last letter of the word, then it is not pronounced. Unless the listener knew these rules he would feel baffled if he hears his speaker say his words keeping silent the letters shown in brackets thus: *a(d)jective*, *adve(r)b*, *baa(r)d*, *toom(b)*.

As compared to Hindi, English has certain deficiencies in its alphabet, which create difficulties in proper pronunciation and correct spelling in words. The Urdu alphabet is also deficient and, as a result, we cannot pronounce words the way we do.

There is a right and a wrong way to pronounce a word, and there is also right and a wrong way to write down the spelling of a word. For example, the correct spelling of the word is y-o-g-a but it is wrongly pronounced as **yoga**(y-o-g-a-a). On the other hand, the english word pronounced as Wensday is written down as "Wed-nes-day". There are, in fact, countless words which are not pronounced the way their spellings suggest. There are reasons, and one such reason is to keep harmony of letters in pronunciation. As we know, the letters *r* and *d* sound hard and until their utterance in the pronunciation of the word is necessary they are not to be pronounced. If *b* that follows *m* is the last letter of the word, then it is not pronounced. Unless the listener knew these rules he would feel baffled if he hears his speaker say his words keeping silent the letters shown in brackets thus: *a(d)jective*, *adve(r)b*, *baa(r)d*, *toom(b)*.1

As compared to Hindi, English has certain deficiencies in its alphabet, which create difficulties in proper pronunciation of words. The Urdu alphabet is also deficient and, as a result, we cannot pronounce words the way we do. For example, we cannot write 'Surendra' in Urdu script; the valid combination of Urdu letters can only yield such names as 'Sur-ind-er, D-v-ind-er, Manind-er'.

The purpose of my study is to work out the influence of alphabets to show how 'yoga' came to be called yogaa, Dehali, the original name of the capital, as Delhi, Surendra as Surinder and Lakhanau as Lucknow. Now, I first take up the case of above-mentioned word "yoga" that is written down correctly but pronounced wrongly, which means that I plan to deal first with English deficiencies *vis-a-vis* English alphabet to show how its alphabet puts upon the language limitation or restrictions as to spelling and pronunciation of words. Every letter of the Hindi alphabet begins with the specific sound of the letter and ends with 'a'-sound, which means the half sound of the particular letter plus a-sound give the complete sound.² Thus, the complete sound of the letter 'g' as 'ga' will be obtained if this letter is followed by another letter 'a' (giving the sound - a). If the sound of "a" were to prolong English should use double 'a'---i.e. "aa" (i.e., 'aa- matra). Hindi / Sanskrit or any other language following the devanaagaree script uses instead the symbol "I", vertical line) which they call aa-matra. It should be clear now that to pronounce "yoga" as "yogaa" is wrong. There is difficulty in the pronunciation of words in English, and it is at least for two reasons—firstly, the language has adopted foreign words with their spellings and pronunciations and secondly, as compared to our alphabet English has almost half the number of letters in their alphabet. It combines two or more letters to obtain a sound and uses a letter to represent more than one sound. All this can cause confusion and English has had to devise methods for proper pronunciation. One method is the use of silent letters. With insertion of a silent letter a jumble of letters can yield a word. Some words that can be pronounced all right are not uttered in full, and this may mislead a learner-- as for example, if you utter word like 'toom' or 'baad', how can you understand that you are talking about tomb and bard.³

English does not have half letters as we have. However, while reading out a word we do get half sounds but we do not have a way to represent half sound. In Hindi, we have half letters to represent half sound in the middle of a word, and if the last letter gives half sound we can use "halant" below the letter. Halant is a small diagonal line drawn from left to right below the last letter of the word to signify that the letter gives half sound in utterance.

English is deficient in many ways but it has invented a method to reduce the sound of the last letter to half. It puts a silent letter proximate to the last letter of

the word: see, for example, placing the letter "I" before 'm' in the words 'calm' and 'palm' and placing the letter "n" after 'm' in the words 'damn' and 'hymn'.

There are other issues, but I leave them for want of space. I now talk about the Urdu alphabet to show the difference in pronunciation of the same words by Urdu and Hindi speakers. I have cited above the examples of the same names being pronounced quite differently by these speakers. Not that they cannot pronounce the same way. But, those whose mother tongue is Urdu and also those who have had their education in Urdu or great liking for the language and culture follow the Urdu alphabet which, by its very nature, draws limits to their way of speaking. None of them will call Surendra by this name but will address him as Surinder. What is the reason for this? Urdu alphabet has certain letters that will follow other letters, but which would not allow other letters to follow them are 'alif' (A), 'vaao' (b), 'daal' (d), 're' (r). Now, Surendra will be written in Urdu thus: Su(r)-in(d)-er = Sur-ind-er = Surinder; Devendra will be written as 'daal' (D)-e(v)in(d)-er = D-v-ind-er = Davinder. One might ask: how is it that Dehali came to be pronounced as Delhi?. An Urdu poet from Dehalee could choose his pen name after his town, and his name "Dahalawee" could easily be pronounced. But, perhaps, the difficulty arose when the starting sound of the word was taken to be 'd'sounding as in 'doll' and not 'd' as in 'daal'.

Another example: The Hindi word for income is Aamdani. We can write the word in Hindi as a continuous whole and pronounce it accordingly, but in Urdu it will be written down thus: a (pronounce as aa) -ma (d)-nee = aa-mad-nee.

In contrast with English and Urdu, Hindi is the language each letter of which has a single definite sound and each sound has a single definite letter to represent it. This means we can exactly write what we speak out and also rightly pronounce the word we write. If this is so, we can write the spelling of foreign words in Hindi--or, for that matter, in any other language following the Sanskrit- Hindi alphabet. Actually, the practice of writing down the pronunciation of English and other foreign words in Hindi can help learners of English learn the language pretty early.

References:

1. Consult Oxford Dictionary English- English -Hindi
2. See a Hindi grammar book to confirm a particular half sound of letter+A-sound yield letters of the alphabet K, Kh, G etc.
3. Consult dictionary to confirm how these words are spelled out and pronounced

CHANGING RETAIL BUSINESS FROM TRADITIONAL TO MODERN TRADE IN INDIA

Retail is a pretty simple business, but what adds complexity is the size and scale. We couldn't do it without technology.

- Bob Nardelli (American businessman)

ABSTRACT:

The retail industry in India is one of the fastest growing industries in the whole world. In fact, retail accounts for nearly 10% of the nation's GDP and employs over 8% of the workforce. India has witnessed a dramatic shopping revolution, ever since the country was opened to globalization. Traditional trade is associated with a spread-out distribution network of small retailers, dealers, stockists, wholesalers, and distributors. Its an intricate network which serves localized customer demand through regular orders with short lead times and varying fill rates. Fill rate (fulfillment rate) is the immediate customer demand which can be met with in-stock inventory. It is also calculated in terms of the total order delivered out of the total orders requested. Lead time is the time it takes for a delivery to fulfilled once the order is successfully recorded.

INTRODUCTION:

Indian retail industry has emerged as one of the most dynamic and fast-paced industries due to the entry of several new players. Total consumption expenditure is expected to reach nearly US\$ 3,600 billion by 2020 from US\$ 1,824 billion in 2017. It accounts for over 10% of the country's gross domestic product (GDP) and around eight% of the employment. India is the world's fifth-largest global destination in the retail space. India ranked 73 in the United Nations Conference on Trade and Development's Business-to-Consumer (B2C) E-commerce Index 2019. India is the world's fifth-largest global destination in the retail space and ranked 63 in World Bank's Doing Business 2020. India is the world's fifth-largest global destination in the retail space. In FDI Confidence Index, India ranked 16 (after US, Canada, Germany, United Kingdom, China, Japan, France,

Australia, Switzerland, and Italy).

OBJECTIVES :

The overall objective of retail marketing is creating and developing services and products that meet the specific needs of customers and offering these products at competitive, reasonable prices that will still yield profits. Businesses must realize that, in retail, the customer lies at the center of any organization's marketing efforts, determining the overall success of the product or service.

LITERATURE REVIEW :

In today's era, the places in the cities have become congested, infrastructure has changed, transport facilities have increased, and the speed of exchanging information has become extremely fast. Retailers are adopting new technology. Society is changing, consumers are changing and so are the retailers. Retailing has

managed to keep itself paced with the changing times.

Changing Nature of Retailing

Retailers are changing their business formats, store designs, modes of communication with customers and ways of handling commercial dealings.

- Modern retailers are adapting new technology for marketing, retail operations, and business transactions.
- Forward-thinking retailers are using social media to communicate with the consumers.
- With the space crunch, modern retailers have learnt how to use every inch of the floor constructively.
- Apart from opening online retail store, the retailers take the help of Augmented Reality such as 3D mock-ups to let the customer try the products on

Jayanta Roy, Assistant Professor, Department of Commerce, D.P.Vipra College, Bilaspur (C.G.)

INNOVATIONS IN MICRO-FINANCE

ABSTRACT:

Abstract: Initially microfinance has been a form of voluntary help to underprivileged people. But at present it acts as a development and economic tool in bringing about financial inclusion in India. Microfinance emerged as a financial assistance to the people so that their immediate requirement can be fulfilled. Microfinance needs to evolve as a judicious blend of finance and development to address the many dimension of poverty. Microfinance provides financial services to individuals and small businesses that are unable to access the conventional banking and related services. The institutions that are providing microfinance services such as credit, saving and remittance services to the poor are called Microfinance Institutions (MFIs). Innovations in Microfinance institutions provide better services to low-income people. The Government of India and RBI make significant changes in microfinance institutions by introducing the NBFC-MFIs guidelines. Innovation in microfinance institutions is also noteworthy in the context of increasing competitive environment. Microfinance institutions bridge the gap between the poor and the banks by providing micro-credit to grow their tiny businesses. In this context the present study aims at analyzing the innovations that have taken place in microfinance institutions.

Keywords: *Microfinance, Financial inclusion, MFIs, NBFC.*

Introduction -

Finance is considered as an important factor for eradicating poverty. It is an effective source that helps them to fight against the financial crunch. Microfinance helps in providing very small loans to very poor families in order to assist and engage them in productive activities or grow their businesses. The scope of microfinance over the period has changed immensely it includes insurance, micro savings, credit etc. It has been witnessed that the banking sector reforms in recent years have made an unpredictable growth in banking system and try to reach the poor of the poorest. In spite of that the importance of microfinance cannot be neglected. Traditionally microfinance helps in providing the standardized credit to the poor. But the present scenario

broadened the scope of microfinance by introducing the easy accessible credit to the poor people who were deprived of the current banking system. In this context the innovations in microfinance is more significant to meet the present financial requirement of the poor people. The financial services offered by the microfinance institutions who manage funds in association with NGO are an innovative effort to reach the end clients.

Motivation of the study:

Earlier studies reflects on the various dimensions of microfinance specially relates to Self-Help Groups, NBFC etc. with respect to the present prevailing scenario in the developing economy like India. In the year 1980 Microfinance was introduced in

India in order to help the poor and empower women who are unable to access the formal banking system. The present study focuses on the innovations that taken place in the microfinance institutions which aims to reach the end clients who are deprived of the present banking system.

Review of Literature:

Indian Institute of Banking & Finance (2009) made a study on different perspectives and operating systems of microfinance in India. It has analyzed the profitability, efficiency & productivity of the MFIs. It concluded that a minimum amount of profit or surplus is essential for the MFIs to ensure sustainability. Most of the MFIs in their initial stage of operations have to incur high amount of fixed cost

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PINEAL GLAND AND ITS SECRETION

ABSTRACT:

The pineal gland was described as the "Seat of the Soul" by Renee Descartes and it is located in the center of the brain. The main function of the pineal gland is to receive information about the state of the light-dark cycle from the environment and convey this information to produce and secrete the hormone melatonin. The rhythmic production of melatonin, secreted only during the dark period of the day, is extensively used as a marker of the phase of the internal circadian clock. Melatonin itself is used as a therapy for certain sleep disorders related to circadian rhythm abnormalities and for the alleviation of jet lag. It might have more extensive therapeutic applications in the future, since multiple physiological roles have been attributed to melatonin. It exerts physiologic immediate effects during night or darkness and prospective effects at daytime when melatonin levels are undetectable. In addition to its role in regulating the circadian system and sleep patterns, melatonin is involved in cell protection, neuroprotection, and the reproductive system, among other functions. Pineal gland function and melatonin secretion can be impaired due to accidental and developmental conditions, such as pineal tumors, craniopharyngiomas, injuries affecting the sympathetic innervation of the pineal gland, and rare congenital disorders that alter melatonin secretion.

Pineal Anatomy and Structure

The pineal gland in humans is a small (100-150mg), highly vascularized, and a secretory neuroendocrine organ. It is located in the mid-line of the brain, outside the blood-brain barrier and attached to the roof of the third ventricle by a short stalk. In humans, the pineal gland usually shows a degree of calcification with age providing a good imaging marker (1). The principal innervation is sympathetic, arising from the superior cervical ganglia (2). Arterial vascularization of the pineal gland is supplied by both the anterior and posterior circulation, being the main artery supplying the lateral pineal artery, which originates from the posterior circulation (3). In mammals, the main cell type are pinealocytes (95%) followed by scattered glial cells (astrocytic and phagocytic subtypes) (4). Pinealocytes are responsible for

the synthesis and secretion of melatonin.

Main Function of the Pineal Gland

The main function of the pineal gland is to receive and convey information about the current light-dark cycle from the environment and, consequently produce and secrete melatonin cyclically at night (dark period). Although in cold-blooded vertebrates (lower-vertebrate species), the pineal gland is photosensitive, this property is lost in higher vertebrates. In higher vertebrates, light is sensed by the inner retina (retinal ganglion cells) that send neural signals to the visual areas of the brain. However, a few retinal ganglion cells contain melanopsin and have intrinsic photoreceptor capability that send neural signals to non-image forming areas of the brain, including the pineal gland through complex neuronal connections. The photic

information from the retina is sent to the suprachiasmatic nucleus (SCN), the major rhythm-generating system or "clock" in mammals, and from there to the hypothalamus. When the light signal is positive, the SCN secretes gamma-amino butyric acid, responsible for the inhibition of the neurons that synapse in the paraventricular nucleus (PVN) of the hypothalamus, consequently the signal to the pineal gland is interrupted and melatonin is not synthesized. On the contrary, when there is no light (darkness), the SCN secretes glutamate, responsible for the PVN transmission of the signal along the pathway to the pineal gland. The PVN nucleus communicates with higher thoracic segments of spinal column, conveying information to the superior cervical ganglion that transmits the final signal to the pineal gland through sympathetic

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EFFECT OF MERCURIC CHLORIDE ON THE GONAD (OVARY) IN GAMBUSIA AFFINIS

ABSTRACT :

Mercury exists in a number of inorganic and organic form in water, Methylmercury the most common organic form of mercury, quickly enters the aquatic food chain. In most adult fish, 90% to 100% of the mercury is methylmercury. Methylmercury is found primarily in the fish muscle bound to proteins. Skinning and trimming the fish does not significantly reduce the mercury concentration in the fillet, nor is it removed by cooking process.

Key words : Mercury, fish, skinning, trimming

Introduction -

Mercury is found in the environment in the metallic form and in different inorganic and organic forms. Most of the mercury in the atmosphere is elemental mercury vapour and inorganic mercury. Most of the mercury in water, soil, plants and animals is inorganic and organic mercury.

Mercury forms few organic compound and it was believed that the mercury although poisonous would not get into food chain but microbial action converted inorganic mercury into methyl mercury. Fish absorb methyl mercury from water 100 times then they absorb including the amount and route of intake, the duration of exposure and the species affected.

The aquatic organism convert normal mercury ions into methyl mercury reduce the compounds into the water. Fish abstract it through their gills or through their digestive tracts. When they feed and the poison accumulates in their tissue bigger fishes are more dangerous to eat because they prey upon smaller fishes and have longer life spans during which methyl mercury can build in their system.

The work done on the fishes related to their reproductive biology is considered as one of the pioneering works related to fishes. Geiser, S.W. (1921) have critically described the seasonal changes in the testis of *Gambusia affinis* in 1931. Craig Benvelt, M.A. worked on the reproductive cycle of the three spined stickle back. More recently the work of Mukherjee (2000), Cengiz et (2001) Tilak (2001) Yadav (2001) Ozmen (2003) Barnhoorn et al (2004) Cerrillo (2005) Cek (2006), Soni & Gupta (2006) have contributed more to the field of pesticide toxicology in different species of fishes.

Material & Methods :

For the present study, the

fresh water fish *Gambusia affinis* was selected. The collection of fishes was made for one complete reproductive cycle The ten adult fishes were collected in the last week of each month. Equal number of fishes will be brought to laboratory and kept in sub-lethal concentration of mercury chloride.

After the completion of experimental period, fishes will be scarified and their gonads will be dissected out and fixed in the fixative.

The collection of fishes was made for one complete reproductive cycle. The temperature of the water was recorded (at the time of collection) by means of CO Celsius thermometer and expressed in degree

Table showing average weight of ovaries of fish during different month of reproductive cycle in female *G. affinis*.

S.No.	Months	Mean value of the weight of normal fish in (mg)	Mean value of the weight of ovaries of fish controlled
1.	May	111	108
2.	June	107	106
3.	July	104	103
4.	Aug.	103	102
5.	Sept.	102	101

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■ DIFFERENTIAL EQUATIONS AND IT'S APPLICATIONS

ABSTRACT:

In mathematics, a differential equation is an equation that relates one or more functions and their derivatives. In applications, the functions generally represent physical quantities, the derivatives represent their rates of change, and the differential equation defines a relationship between the two. Such relations are common; therefore, differential equations play a prominent role in many disciplines including engineering, physics, economics and biology.

Keywords- *Differential Equations, Ordinary Diff. Equation, Partial Diff. Equation , Applications.*

1. INTRODUCTION

Differential equation is a branch of mathematics that starts with one or many- many recorded observations of change & ends with one or many functions that predicts future outcomes. Differential equation is a fantastic tool for modelling situation in any field of or industry. Differential equations begin with Leibnitz, The Bernoulli's brother and others from 1680s not long after Newton fluxional equations in the 1670s.

In mathematics, the history of differential equation traces the development of 'differential equation' from calculus, which itself was independently invented by German Mathematician Gottfried Leibnitz and English Physicist Issac Newton.

Bernoullis' contribution to differential equations spanned the late seventeenth and eighteenth century. Nikolaus Bernoulli was the progenitor of this family of mathematicians. James I. John I. And Daniel I. Are the best known members of the Bernoulli family who made many contributions to this new field of differential equations.

In 1690, James Bernoulli solved the problem of the isochrone. This problem involved the isochronous curve, along which a body will fall with uniform vertical velocity. This problem led him to a differential equation expressing the equality of two differentials. From this James Bernoulli concluded that the integrals of the two members of the equation were equal used the word integral for the first time on Acta Eruditorum in 1696. Bernoulli equation was proposed for solution by James Bernoulli in Dec. 1695.

In 1694, G. W. Leibnitz solved the problem of quadrature of the hyperbola which is a process of finding a square equal in area to the area under the curve on a given interval. also in 1694, John Bernoulli gave us the explicit process and the term separation of variables, but this process failed because it led to $1/y \, dy = 1/x \, dx$ and $1/x$ had not yet been integrated. Later, John Napier work on logarithms made possible Leibnitz rendition of the integration of the differential $1/x \, dx$ as $\log x$.

In 1696, John Bernoulli solved Brachistochrone problem that is the process to find the equation of

the path down which a particle will fall from one point to another in the shortest time.

In 1698, John Bernoulli solved the problem of orthogonal trajectories of a one parameter family of curves which is a process of finding a curve which cuts all the curves of a family of curves at right angles.

In 1701, Daniel Bernoulli solved the isoperimetric problem which is a problem in which it is required to make one integral a maximum or minimum while keeping constant the integral of a second given function.

Jacopo Riccati's (1676-1754) discussion of special cases of curves whose radii of curvature were dependent solely upon the corresponding ordinates resulted in his name being associated with the equation $y' = P(x) + Q(x)y + R(x)y^2$

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WATER POLLUTION AND TREATMENT IN VILLAGE IN SONSARY IN JANJGIR CHAMPA (C.G.)

ABSTRACT :

Five elements namely Earth, Water, Air, Fire and Space constituted universe. Today all these life sustaining elements are subjected to pollution by human being in the name of Industrial Development. The waste material of the Industries are polluting these essential elements of human life (without which human body can't survive) .Among these life sustaining elements water has a unique place-the total volume of water on earth is about 1400 million km³ of which only 2.5 percent or about 35 million km³ is freshwater. The Principle sources of water are lakes, river and relatively shallow ground water basins. The usable portion of these sources is only about 2, 00,000 km³ of water -less than 1 percent of all fresh water. Water is sustenance of the life cycle. It must be preserved and protected from all types of pollutants. The human body and other living organisms require it, but in its pure form not in any type of contamination. But man is polluting water bodies viz. rivers, wells, streams, seas. On land the natural water system is being polluted by the addition of industrial wastes, urban wastes, pesticides and related pollutants. Sea water specially that close to land or continent, is likewise being polluted by industrial and urban wastes mostly brought by rivers. With the fast growing human population and rapid industrialization it is doubtful whether we will be able to get enough and pure water for our consumption for long. Drinking water is directly essential for human life. Water is also indirectly essential, for instance, as an indispensable input in agriculture. Yet, despite the central role that water has always played in sustaining life, human lives and human economies, the development of formal water law has been relatively slow and often patchy. At the domestic level, colonial legislation first focused on the regulation of water for economic reasons, for instance, through the development of legislation concerning irrigation and navigation. Over the past few decades, increasing water pollution and decreasing per capita availability have led to the development of other measures such as water quality regulation and an emphasis on water delivery, particularly in cities, as well as environment-related measures.

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Water is sustenance of the life cycle .It must be preserved and protected from all type of pollutants. The human body and other living organisms require it, but in its pure form not in any type of contamination but man is polluting water bodies viz. rivers, wells, streams, seas. On land the natural

water system is being polluted by the addition of industrial wastes, urban wastes, pesticides and related pollutants. In India, water law is made up of different components. It includes international treaties, federal and state acts. It also includes a number of less formal arrangements, including water and water-related policies as well as

customary rules and regulations. This working paper maps out the relevant legal framework concerning water in India. The first section delineates water law as it evolved until recently. The second section then examines proposed and ongoing water law reforms that are in the process of completely redrawing India's water legal

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FILMS: ITS EFFECT ON HUMAN PSYCHE

ABSTRACT:

Films & Theaters are the most influential part of the human psyche. They bring written literature to life through sound, music, visuals and involve actors and actresses. Thus they have more effective quality and influence on human psychology than the written literature. Theaters are more popular and have great effect on the psyche of our youth in comparison to other countries. Here more than 1000 Films in various languages produced every year. Thus Films play the most important part to lead our youth. So the main function of a Film must be to entertain and to leave moral effect on the mind of the spectators. In the beginning of the Bollywood industry Films fulfilled the above functions but gradually it is deviating from its purpose and started misleading & immoralizing the psyche of our youth & children by their misconduct & the attire of the female actresses. Now the actresses have only become the object of lust which is opposite to our culture and more representative of western culture. Now children are losing their innocence and purity too due to the effect of Films.

Several Films like "Taare Zamin Pe", "Toilet", "PK", "3 Idiots" and the Biopics of all the great achievers fulfill all the function of a Film. They entertain as well as moralize and present our social life which is sufficient for a spectator. But there are some other Films like "Hate Story", "Grand Masti", "Kabeer Singh" etc. which leave no moral effect but only arise erotic feelings in the spectators' mind, and corrupting them. Thus a question arises that "what is the need to produce this type of Films?"

Introduction -

Films and theaters are the most influential part in the modern society. A Film brings written literature to life through sounds, music visuals and involves actor and actresses. Thus it is more effective and influential than written literature, and having more influence on the psychology of human mind. Theaters are very popular in India which began and established during the mid 19s with the production of the Film Raja Harishchandra and which is known as Bollywood. Now more than 1000 Films are produced in various languages every year. Bollywood is the world's largest Film industry. Our youth, children and the people of all ages have keen interest to watch Films and admire them.

They follow the hero as their ideal and try to become like him. Thus the main character must have the moralized personality so that people too become moral and well behaved by following them. If the main character or the hero of the particular Film has immoralized personality so they may corrupt the minds of the spectator too and mislead them and have massive influence on today's society.

Functions of Film and Theatre:

The main function of a Film must be to entertain and to give moral influence to the spectator. In the beginning of the Bollywood Film industry, the Films fulfill the above functions but gradually it is deviating from the purpose and most of the Films misleading the youth. The Film

must also focus on the eminent political social and cultural issues of our country and should also present the life of great achievers through their Biopics, so that the people may get inspirations. They may entertain the people by producing variety of movies showcasing different spheres of Indian life in various theme and kinds of Film like comedy, romance, thriller, horror, action, suspense, tragedy etc. Films are the reflection of society. There are several social issues like caste discrimination, women exploitation, corruption, untouchability, dowry, feticide, and some other paradoxical rituals which must be leave and eradicate. These issues are the obstacle in the way of our progress. Thus to arouse awareness into the minds of the

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INDIAN CULTURE AND TRADITION

ABSTRACT :

India is considered the birthplace of some of the world's major religions: Buddhism, Hinduism, Jainism and Sikhism. Today, other religions such as Muslim and Christianity have worked their way into the population as well, though Hinduism remains the most popular.

Indian culture is the heritage of social norms, ethical values, traditional customs, belief systems, political systems, artifacts and technologies that originated in or are associated with the Indian subcontinent. The term also applies beyond India to countries and cultures whose histories are strongly connected to India by immigration, colonization, or influence, particularly in South Asia and Southeast Asia. India's languages, religions, dance, music, architecture, food and customs differ from place to place within the country.

Indian culture, often labelled as a combination of several cultures, has been influenced by a history that is several millennia old, beginning with the Indus Valley Civilization. Many elements of Indian culture, such as Indian religions, mathematics, philosophy, cuisine, languages, dance, music and movies have had a profound impact across the Indosphere, Greater India.

INTRODUCTION:

India has often been recognized as a country of unique and distinct culture. With many languages, religions, music, dance, foods, architecture which differ from state to state, the Indian culture is an amalgamation of several cultures.

Indian-origin religions Hinduism, Jainism, Buddhism, and Sikhism, are all based on the concepts of dharma and karma. Ahimsa, the philosophy of nonviolence, is an important factor of India.

FESTIVALS :

India, being a multi-cultural, multi-ethnic and multi-religious society, celebrates holidays and festivals of various religions. In addition, many Indian states and regions have local festivals depending on prevalent religious and linguistic demographics. Popular

religious festivals include the Hindu festivals of Navratri, Janmashtami, Diwali, Maha Shivratri, Ganesh Chaturthi, Durga Puja, Holi, Rath Yatra, Ugadi, Vasant Panchami, Rakshabandhan, and Dussehra. Several harvest festivals such as Makar Sankranti, Sohrai, Pusna, Hornbill, Chapchar Kut, Pongal, Onam and Raja sankranti swinging festival are also fairly popular.

India celebrates a variety of festivals due to the large diversity of India. Many Religious festivals like Diwali (Hindu) Eid (Muslim) Christmas (Christian), etc. are celebrated by all. The government also provides facilities for the celebration of all religious festivals with equality and grants road bookings, security, etc. providing equality to the diverse religions and their festivals..

CLOTHING :

Traditional clothing in India greatly varies across different parts

of the country and is influenced by local culture, geography, climate, and rural/urban settings. Popular styles of dress include draped garments such as sari and mekhela sador for women and dhoti or lungi or panche (in Kannada) for men. Stitched clothes are also popular such as churidar or salwar-kameez for women, with dupatta (long scarf) thrown over shoulder completing the outfit. The salwar is often loose fitting, while churidar is a tighter cut. The dastar, a headgear worn by Sikhs is common in Punjab.

FOOD :

India is known for its love of food and spices. Indian cuisine varies from region to region, reflecting the local produce, cultural diversity, and varied demographics of the country. Generally, Indian cuisine can be split into five categories - northern, southern, eastern, western, and northeastern. The diversity of Indian

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STAGE ADOPTABILITY OF THE PLAYS OF JAI SHANKAR PRASAD

ABSTRACT:

Some plays gives pleasure in reading, some other gives delight in watching. Shakespeare's plays became very popular because of their stage adoptability. Some critics lay accusation that Prasad's plays are not suitable for stage. It means that as per critics Jai Shankar Prasad's plays are not good in stage adoptability. Common accusation is that script is not stage friendly rather it is difficult to transmit in terms of acting and action. This paper deeply probe these accusations.

Introduction:

Prasad first composed such plays whose theatrical craft was completely new to Hindi and in which the adult literary form of the play was born. Jaishankar Prasad emerged as the architect of these new changes taking place in the field of theatrical craft. This was the era of real rise of Hindi drama. Prasad wrote about a dozen plays Sajjan, Kalyani-parinay, Karunalaya, Prayashchit, Rajyashree, Visakha Janamejaya's Nagyagna, Ajatashatru, Skandagupta, Chandragupta, Dhruvaswamini, all these plays are based on historical plots, whereas Kamna is a symbol-oriented play and 'Ek ghoot is one act play'. In these, ancient Indian history has been presented through various stories ranging from Mahabharata to Janamejaya's Naagyagya from the seventh century. In these plays, Prasad has depicted the most grand and bright forms of ancient Indian pride, civilization, culture, tradition, etc. In composing these plays, Prasad aimed to inculcate a sense of pride, self-respect and affection for his country and Indianness in his readers.

The plot combination of his

plays, character imagination, historical environment, depicting the conflict of characters and presenting their character, Sanskrit implied Pranjali language etc. is such a feature which has made his plays a literary work of the best quality. Prasad had made a revolutionary change in the Hindi theatrical field by giving his plays a very attractive, beautiful and epoch-making new and grand form. For this reason, many scholars had declared him the best playwright of Hindi. Natak Samrat (King of Drama). In the era in which Prasad picked up the pen, art is for art or for life. This dispute was going on in the field of literature. Art is for art - Its editors considered the ultimate aim of art to give pleasure (Rasa-feeling), while art is for life, its followers looked at art from the point of view of utilitarianism. Needless to say that Prasad was related to the first school.

The poetic creation of Prasad has taken place in the form of a gradual development, which was not like the Romantic artists who express the prevailing tradition of literature in their first rebellious voice. Prasad ji is an active creator. He has tried to reach his goal and each step is indicative of a new art. He developed

his talent progressively and made use of all the study material. The poet of Chitrachar is influenced by the ritual tradition. The subject material of the narrative poems has also been done by Kalidas etc. Prasad is seen searching for an ideal on this occasion. as well as get their interest. There is also the side of new items. Subjects like dejection, imagination - happiness, loveless love etc. are indicative of knowing the secret of his new direction. From the very beginning, Prasad can be seen taking the feeling and feeling more strongly. The area on which their stand is not limited, they desire everything. In the initial phase of Prasad, his personality is not fully known, but the lines of his development are definitely marked.

The question of whether to act in Prasad's play or not always arises. The playfulness of a play can be proved only by its use. The full culmination of a playwright's success is reflected only in the performance of his works. The evidence of the success and failure of a theatrical work is considered social. The social is not limited to a particular class, in any acting school, the audience gathered from different levels of the society collectively enjoy the work

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A STUDY ON EFFECT OF BIOACTIVE COMPOUNDS ON HUMAN HEALTH

ABSTRACT:

Bioactive compounds are extranutritional constituents that typically occur in small quantities in foods that have an impact on physiological and cellular activities in the humans that consume such compounds. They are mainly found in fruits and vegetables; have antioxidant, anti-inflammatory, and anti-carcinogenic effects; and can be protective against various diseases and metabolic disorders. Such compounds are flavonoids, anthocyanins, tannins, betalains, carotenoids, plant sterols, glucosinolates etc. Natural bioactive compounds have been used as conventional medicines to treat human diseases for decades; recent scientific findings identified functional food's health advantages and presented the basic mechanisms of their behaviors. Various bioactive compounds in common food and their health benefits is discussed in this study.

Keyword: : Bioactive, Antioxidant, anti-inflammatory, anti-carcinogenic

Introduction:

A bioactive compound is a compound having some biological activity. As the name suggests (Greek 'bios' means life and Latin 'activus' means dynamic or full of energy), a bioactive compound (or substance) has its direct physiological or cellular effects on a living organism. Such effects may be positive or negative depending on the nature of the substance, its dose, and its bioavailability. Accordingly, bioactive food components are components in foods or dietary supplements, other than those necessary to meet the basic nutritional needs, which can change the health status of the humans or animals that consume them. Several definitions attribute the term 'bioactive compound' directly to compounds derived from foods (products, or present in food, or part of the food chain) in such a way that it is presented as synonymous with

'bioactive food', and even more specifically, limited to plants or food crops [1].

Bioactive compounds from food have been investigated to elucidate their biological activity in the human body systems, and functional foods have emerged as promising options for preventing and treating various diseases. Scientists estimated that unhealthy lifestyles and stress have a combined impact on the immune system, raising the risk of multiple cardiovascular disorders, cerebrovascular conditions, infections, and diseases like cancer. In response to the rising awareness of diet's influence on health, demand for functional foods and nutraceuticals has increased significantly. For their anti-microbial roles and humoral and cell-mediated immune functions, specific bioactive components have been integrated as additives in functional foods, nutraceuticals, and pharmaceuticals,

where their biological activities can assist in disease control and prevention.

It seems that today's world is coming to clasp with the ancient excerpt, 'Let food be the medicine and medicine be the food' more than ever before. Functional foods are any natural or refined food that has health benefits and disease prevention activities above its simple nutritional value. These different nutritional constituents in foods are the bioactive compounds that usually exist in limited concentrations. Nutraceuticals are foods and food supplements that contain bioactive compounds in a standardized form with therapeutic properties. The medicinal potential of functional foods and nutraceuticals are due to some unique functional groups produced due to food metabolism and their molecular variants. Components of functional foods are usually present in different forms.

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हर्बल में उत्पादन का सामाजिक एवं सांस्कृतिक जीवन पर प्रभाव

सार -

हर्बल उत्पादन स्वास्थ्य पर और सामाजिक एवं सांस्कृतिक जीवन पर बहुत ही अच्छा प्रभाव डालता है। यह हर्बल उत्पादन और इसका उपयोग प्राचीन काल से मानव जीवन पर बहुत ही उपयोगी है, आज के समय हृदय रोग, मधुमेह, सर्दी, बुखार, पीलिया आदि पूरे हमारे देश में महामारी की तरह फैलता जा रहा है, और इस सभी प्रकार के बीमारियों का धीरे-धीरे जड़ से खत्म कर सकते हैं, औषधि बहुत ही उपयोगी है, मानव जीवन के लिए।

प्रस्तावना :-

हर्बल उत्पादन स्वास्थ्य पर और सामाजिक एवं सांस्कृतिक जीवन स्तर पर बहुत ही अच्छा प्रभाव डालता है। यह हर्बल उत्पादन और इसका उपयोग प्राचीन काल में मानव जीवन पर बहुत ही उपयोगी है। आज के समय में हृदय, मधुमेह, सर्दी, बुखार, पीलिया आदि पूरे हमारे देश में महामारी की तरह फैलता जा रहा है और इस सभी प्रकार के बीमारियों का हम आसानी से हर्बल एवं औषधि जड़ी-बूटी आदि से हम सभी बीमारियों का धीरे-धीरे जड़ से खत्म कर सकते हैं औषधि बहुत ही उपयोगी है, मानव जीवन के लिए।

हर्बल औषधि का अध्ययन विषय पर सम्पूर्ण जानकारी :-

आयुर्वेदिक औषधियाँ आज पूरे देश-विदेश में इसकी बहुत मात्राओं में प्रचलन है, आयुर्वेदिक औषधि मानव एवं सांस्कृतिक कार्यों में भी इसका बहुत ही उपयोग किया जाता है। आयुर्वेदिक दवाओं में बहुत से वैज्ञानिक नये-नये बीमारियों के बारे में शोध कर रहे हैं, और हर्बल दवा पूरे जड़ से बीमारियों को नष्ट करता है। आयुर्वेदिक दवा में कोई नुकसान शरीर को नहीं होता है।

तुलसी औषधि का महत्व :-

जैसे कि भारतीय संस्कृति और धर्म में तुलसी को उसके महान गुणों के कारण ही सर्वश्रेष्ठ स्थान दिया गया है। भारतीय संस्कृति

में यह पूज्य है। तुलसी का धार्मिक महत्व तो है ही, लेकिन विज्ञान की दृष्टिकोण से तुलसी एक औषधि है। आयुर्वेद में तुलसी को संजीवनी बूटी के समान माना जाता है। तुलसी में कई ऐसे गुण होते हैं, जो बड़ी-बड़ी जटिल बीमारियों को दूर करने और उनकी रोकथाम करने में सहायक है। हृदय रोग हो या सर्दी, जुकाम, भारत में सदियों से तुलसी का इस्तेमाल होता चला आ रहा है। इसके प्रभाव से मानसिक शांति घर में सुख समृद्धि और जीवन में अपार सफलताओं को द्वार खुलता है। यह ऐसी रामबाण औषधि है, जो हर प्रकार की बीमारियों में काम आती है।

जैसे स्मरण शक्ति, हृदय रोग, कफ, श्वास के रोग, प्रतिष्वास खून की कमी, खोंसी जुकाम, दमा, दंत रोग, धवल रोग आदि में चमत्कारी लाभ मिलता है। वातावरण का भी शोधन करती है, तथा पर्यावरण संतुलन बनाती है। इस औषधि के विषय में जितना लिखा जाए कम है।

तुलसी एक रामबाण औषधि है, यह प्रकृति की अनूठी देन है इसकी जड़, तना, पत्तियाँ तथा बीज उपयोगी होते हैं, यह कुष्ठ रोग का शमन करती है, इसमें कीटाणुनाशक अपार शक्ति है। वैज्ञानिकों का मत है कि, तपेदिक, मलेरिया या प्लेग के कीटाणुओं को नष्ट करने की क्षमता तुलसी में विद्यमान है। एक वर्ष तक निरन्तर इसका सेवन करने से

सभी प्रकार के रोग दूर हो सकते हैं।

कई रोगों को दूर करें - "हर्बल टी" :-

आयुर्वेद में 6000 साल पहले से रोगी के उपचार और तंदुरुस्ती के लिए हर्बल टी का इस्तेमाल हो रहा है। हर्बल टी न सिर्फ तन-मन को तरोताजा करती है, बल्कि स्वस्थ और रोग मुक्त भी रखती है।

हर्बल चाय पारंपरिक चाय की तरह कैमेलिया सिनेसिस पौधे से नहीं बनती है। यह कई तरह के ताजे फूल, बीज, जड़ और औषधियों को सुखाकर बनाई जाती है। इसके जरिए हमें ऐसे तत्व मिलते हैं, जो कई तरह की बीमारियों में असर कारक और शरीर को स्वस्थ रखने में सहायक होते हैं आयुर्वेद विशेषज्ञों के अनुसार हर्बल टी में एंटी आक्सीडेंट और लेवोनॉयड भरपूर मात्रा में होते हैं जो हृदय और कैंसर के अलावा अनेक रोगों में लाभकारी हैं। लेवोनॉयड खून को जमने से रोकते हैं और कैंसर के खतरा को घटाते हैं। इसमें पाये जाने वाला एलाथेयनाइन नामक एमीनो एसिड वजन कम करने और रोग प्रतिरोधक क्षमता बढ़ाने में मददगार होता है।

कैंसर रोकने के कारगर :-

वैज्ञानिकों के एक टीम ने हर्बल टी में एक तीव्र कैंसर रोधी तत्व का पता लगाया है जो कैंसर कोशिकाओं को फैलने से रोकता है, इसमें मौजूद सक्रिय तत्व के प्रयोग से कैंसर कोशिकाओं की बढ़ोत्तरी रुक जाती है और वे

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वर्तमान शिक्षा में नवाचार

सार -

शिक्षा एक ऐसा गुण है। जो किसी व्यक्ति के साथ पूरी जीवन भर साथ-साथ चलता है। एक समूह के आधार पर देखा जाये तो शिक्षित जनता किसी देश की बुद्धिजीवी पूंजी विकास को वृद्धि करने वाला और नैतिकता की बुनियाद निश्चित करने वाला होता है। नवाचार याने नए तरीके से सीखने की प्रक्रिया के माध्यम से शिक्षा के वर्तमान ढांचे में नयापन आता है। यह रोजगार की संभावनाएं बढ़ाने और बेहतर भविष्य की बुनियाद तैयार करने में कारगर भी होते हैं। मानव संसाधन विकास मंत्रालय के कुल बजटीय परिव्यय को 2014-2015 के 34 प्रतिशत से बढ़ाकर 2018-2019 में 42 प्रतिशत किये जाने से स्पष्ट है कि शिक्षा पर महत्वपूर्ण जोर दिया गया है। बजट में शिक्षा के लिए कुल 99311 करोड़ रुपये के आबंटन में स्कूली शिक्षा के लिए 59845 करोड़ रुपये और उच्च शिक्षा के लिए 39466 करोड़ रुपये आबंटित किये गये हैं। वर्तमान बजट के इस आबंटन से भी इस निरंतर प्रतिबद्धता का संकेत मिलता है। शासन -प्रशासन एवं राजनीतिक दल शिक्षा की गुणवत्ता सुधारने के लिए कोई ठोस योजना बनाने में अब तक असफल ही साबित हुए हैं बढ़ती जनसंख्या भी वर्तमान शिक्षा की बहुत बड़ी चुनौती है यही वजह है कि शिक्षा के क्षेत्र में अपार संपत्ति खर्च करने के बाद भी हमारे देश की वर्तमान शिक्षा गांधी जी के बताये शिक्षा के अनुकूल है। शैक्षणिक विचारों का शिक्षा के आधुनिक संदर्भों में विशेष स्थान है। उन्होंने सृजनशीलता, आत्मअभिव्यक्ति, प्रतिभा विकास के साथ-साथ शिल्प, कला, स्वास्थ्य आध्यात्म आदि को भी शिक्षा से जोड़ना चाहा जिससे राष्ट्र शिक्षा के सार्वभौमिक उद्देश्यों की कसौटी पर खरा-उतर सके। हमारी नवीन शिक्षा पद्धति बुद्धि शरीर और आत्मा तीनों का विकास करती है। इसकी तुलना में सामान्य शिक्षा पद्धति केवल बुद्धि की ओर ध्यान देती है।

प्रस्तावना -

शिक्षा एक ऐसा गुण है। जो किसी व्यक्ति के साथ पूरी जीवन भर साथ-साथ चलता है। एक समूह के आधार पर देखा जाये तो शिक्षित जनता किसी देश की बुद्धिजीवी पूंजी विकास को वृद्धि करने वाला और नैतिकता की बुनियाद निश्चित करने वाला होता है। पृथक-पृथक क्षेत्रों और विषयों की अध्यापन इस विविधता वाले समाज को एकत्र करती है और इसी से जनताओं में विभिन्न प्रकार की व्यापक विशेषज्ञता आती है। शिक्षा के अधिकार से समस्त शिक्षा तक तमाम योजनाएं और कार्यक्रम तैयार करने में शिक्षा हमेशा प्राथमिकता वाला रहा है।

प्राचीनकाल से ही भारत शिक्षा का मुख्य केन्द्र रहा है। पुरातन काल में भी यहां नालंदा और तक्षशिला जैसे संस्थान मौजूद थे। यह हमारे देश का सौभाग्य है कि वर्तमान

में हमारे पास युवा आबादी का भंडार है। इस युवा आबादी को शिक्षा के क्षेत्र में सही अवसर और कौशल प्रदान कराकर उनका बेहतर उपयोग लिया जा सकता है। नेल्सन मंडेला ने कहा था " शिक्षा सबसे बड़ा हथियार है जिससे आप दुनिया को बदल सकते हैं।" लैंगिक असमानता समाप्त करने गरीबी कम करने देश-विदेश में शांति बनाये रखने और बीमारियों और इससे होने वाले मृत्यु दर को रोकने में शिक्षा का महती भूमिका है। जहां तक भारत की बात है तो नवाचार के जरिए ही शिक्षा के क्षेत्र में अहम बदलाव का मार्ग प्रशस्त हो सकता है।

नवाचार याने नए तरीके से सीखने की प्रक्रिया के माध्यम से शिक्षा के वर्तमान ढांचे में नयापन आता है। यह रोजगार की संभावनाएं बढ़ाने और बेहतर भविष्य की बुनियाद तैयार करने में कारगर भी होते हैं। सीखने के

ब्लैकबोर्ड और बातचीत मॉडल से अब बात आधुनिक डिजिटल प्राणाली तक पहुंच चुकी है। नवाचार की ताकत इसकी सादगी प्रसंगिकता और कम लागत है। शिक्षा के क्षेत्र में नवाचार वाले माडल को टिकाऊ पहुंच के योग्य और परिणाम आधारित बनाना होगा। ऐसे माडलों के जरिये सीखने का माहौल तैयार करना आवश्यक है, जहाँ मौलिक सोच और रचनात्मकता को बढ़ावा देने के साथ-साथ सबसे निचले सामाजिक-आर्थिक पायदान पर मौजूद लोगों तक शिक्षा पहुंचाने की बात हों।

शोध प्रलेख का उद्देश्य :-

शोध प्रलेख का उद्देश्य प्रलेख को सही दिशा में निर्दिष्ट करता है और शोधकर्ता को मार्ग प्रशस्त करता है इस प्रकार है-

- भारतीय शिक्षा का दर्शन कराना
- प्राचीन शिक्षा पद्धति में आयी समस्या का उजागर करना

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बजट का महत्व-देश के आर्थिक विकास के लिए

सार -

देश का वार्षिक बजट सरकार के आर्थिक प्रबंधन का अच्छा संकेतक है। इस दृष्टि से अगर देखे तो केन्द्र सरकार का वर्ष 2021-22 का बजट शानदार है। यह मेहनत से तैयार किया गया, समावेशी, पारदर्शी और विकास केन्द्रित बजट है जिसमें भारतीय अर्थव्यवस्था को नया स्वरूप देने और बुनियादी रूप से मजबूत तथा आत्मनिर्भर बनाने संकल्प साफ नजर आता है। इस बजट ने अनेक अपेक्षाएं पूरी की हैं और उम्मीद जगाई है। बजट में स्वास्थ्य सेवाओं के लिए काफी धन की व्यवस्था एक बड़ा सकारात्मक कदम है। 'आत्मनिर्भर स्वस्थ भारत योजना' प्रारम्भ किए जाने से प्राथमिक, द्वितीयक और उच्च स्तर पर स्वास्थ्य सेवा का ढांचा मजबूत होगा और नए संस्थान खुल सकेंगे जिनसे कमी वाले स्थानों पर भी स्वास्थ्य सेवाएं सुलभ हो सकेंगी। भारत के नागरिकों के स्वास्थ्य और आरोग्य के लिए यह महत्वपूर्ण निवेश है।

इस बजट प्रस्तावों में न्यूनतम सरकार, अधिकतम शासन के तौर-तरीकों के साथ-साथ देश में कोरोनार करने तथा जीवन-यापन की सुगमता बढ़ाने पर बल दिया गया है। 2021-22 के केंद्र सरकार के बजट ने देश में उम्मीद का माहौल बनाया है और इससे आर्थिक प्रगति की संभावनाएं बढ़ गई हैं।

ऐसे समय में, जब अर्थव्यवस्था एक गंभीर संकट से बस उबर रही थी और इस संकट के प्रभावों को झेल रही थी, सभी लोगों की निगाहें सरकार पर टिकी थी कि वह कैसे विकास को गति देती है। एक तरफ ये उम्मीदें थी कि सरकार द्वारा घोषित नीतियों और कार्यक्रमों से ऐसा सकारात्मक वातावरण बनेगा जिसमें समाज के हर वर्ग को पर्याप्त अवसर मिलेंगे ताकि वह अपनी क्षमताओं का बेहतरीन इस्तेमाल करते हुए राष्ट्र-निर्माण में योगदान कर सके। दूसरी ओर, यह अपेक्षा भी थी कि सरकार यह सुनिश्चित करेगी कि नागरिकों की आवश्यकताएं और आंकांक्षाएं पूरी करने के अवसर बनें और कहीं कमियां रह गई हों तो सरकार सीधा हस्तक्षेप करके उन्हें दूर करें। इन आशाओं-अपेक्षाओं की पूर्ति के लिए सभी की निगाहें वर्ष 2021 के बजट पर टिकी थी।

देश का वार्षिक बजट सरकार के आर्थिक प्रबंधन का अच्छा संकेतक है। इस

दृष्टि से अगर देखे तो केन्द्र सरकार का वर्ष 2021-22 का बजट शानदार है। यह मेहनत से तैयार किया गया, समावेशी, पारदर्शी और विकास केन्द्रित बजट है जिसमें भारतीय अर्थव्यवस्था को नया स्वरूप देने और इसी बुनियादी रूप से मजबूत तथा आत्मनिर्भर बनाने संकल्प साफ नजर आता है। इस बजट ने अनेक अपेक्षाएं पूरी की हैं और उम्मीद जगाई है।

महामारी की वजह से स्वास्थ्य के बुनियादी ढांचे, मेडिकल शिक्षा और अनुसंधान और विकास सहित समूची स्वास्थ्य-सेवा प्रणाली को ही मजबूत बनाने की आवश्यकता सामने आ गई थी। बजट में स्वास्थ्य सेवाओं के लिए काफी धन की व्यवस्था एक बड़ा सकारात्मक कदम है। 'आत्मनिर्भर स्वस्थ भारत योजना' प्रारम्भ किए जाने से प्राथमिक, द्वितीयक और उच्च स्तर पर स्वास्थ्य सेवा का ढांचा मजबूत होगा और नए संस्थान खुल सकेंगे जिनसे कमी वाले स्थानों पर भी स्वास्थ्य सेवाएं सुलभ हो सकेंगी। भारत के नागरिकों के स्वास्थ्य और आरोग्य के लिए यह महत्वपूर्ण निवेश है।

इसके साथ ही, बजट में घोषित स्वच्छ पर्यावरण से जुड़े प्रयासों- 'शहरी स्वच्छ भारत 2.0 मिशन' जल जीवन शहरी मिशन' और 'मिशन पोषण 2.0' से भी लोगों को

बेहतर स्वास्थ्य तथा आरोग्य सेवाएं मिल सकेंगी। कोविड-19 टीके के लिए 35,000 करोड़ रुपये का जो प्रावधान रखा गया है उससे कोविड टीकाकरण अभियान को बल मिलेगा जो न केवल लोगों की जीवन-रक्षा के लिए बेहद जरूरी है, बल्कि इससे अर्थव्यवस्था को भी फिर से पटरी पर लाने में भी मदद मिलेगी।

अर्थव्यवस्था को तुरंत सही करने और मध्यकालीन प्रगति पर समान बल दिया गया है। राजकोषीय प्रभावों की बजाय प्रगति और विकास को प्राथमिकता देकर बजट में अर्थव्यवस्था को तेजी से सामान्य बनाने का मार्ग प्रशस्त किया गया है।

बजट की दूसरी बड़ी खूबी प्रगति और विकास पर बल दिया गया है। अर्थव्यवस्था को तुरंत सही करने और मध्यकालीन प्रगति पर समान बल दिया गया है। राजकोषीय प्रभावों की बजाय प्रगति और विकास को प्राथमिकता देकर बजट में अर्थव्यवस्था को तेजी से सामान्य बनाने का मार्ग प्रशस्त किया गया है। पूंजीगत व्यय को जोरदार तरीके से बढ़ावा दिया गया है और भौतिक तथा सामाजिक बुनियादी ढांचे को संभालने पर खास जोर दिया गया है। इससे उपभोग और निवेश के चक्र में फिर से नई

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भगवत गीता का राजनीतिक दर्शन

उद्देश्य -

भगवत गीता के राजनीतिक दर्शन का विवेचना तथा विश्लेषण करना।

सार -

भगवत गीता के विषय में कहा जाता है कि यह केवल एक ग्रन्थ नहीं अपितु पूरा जीवन दर्शन है। इसमें जीवन के प्रत्येक पहलू व रहस्यों को समाहित किया गया है। एक मनुष्य के समस्त सामाजिक राजनीतिक, मनोवैज्ञानिक, दार्शनिक आध्यात्मिक प्रश्नों के उत्तर भगवत-गीता में उपलब्ध है। आजकल तो व्यावसायिक और कारपोरेट सेक्टर में भी अपने कर्मचारियों की कार्य क्षमता में वृद्धि करने के लिये गीता के अध्ययन-अध्यापन का कार्य किया जाता है। जेल में बंद कैदियों के अपराधिक प्रवृत्ति को समाप्त कर उन्हें एक अच्छा नागरिक बनाने व समाज में पुनः स्थापित करने हेतु गीता के अध्ययन से प्रयास किया जाता है। मेरा स्वयं का भी यह मानना है कि जीवन की सभी समस्याओं का हल भगवत गीता में छुपा है फिर वो चाहे किसी भी क्षेत्र से संबंधित हो।

की वर्ड :- राजनीतिक दर्शन, गीता का ज्ञान, निष्काम कर्म।

अवधारणात्मक परिचय :-

गीता का अध्ययन लगभग सभी महान राजनीतिज्ञों के द्वारा किया गया है। गांधी जी के राजनीतिक विचारों पर सबसे ज्यादा प्रभाव गीता का ही पड़ा है। राजा राम मोहन राय, लाला लाजपत राय, बाल गंगाधर तिलक, विवेकानंद, रविन्द्र नाथ टैगोर, लाल बहादुर शास्त्री, जवाहर लाल नेहरू, अटल बिहारी वाजपेयी तथा वर्तमान में प्रधानमंत्री नरेन्द्र मोदी तक के राजनीतिक विचारधारा में गीता का प्रभाव दिखाई पड़ता है।

जब कौरवों और पांडवों के बीच कुरुक्षेत्र की भूमि में महाभारत का युद्ध लड़ा जाने वाला था उसके पूर्व ही अर्जुन ने श्री कृष्ण जो अर्जुन के रथ के सारथी थे उनसे कौरवों और पाण्डवों की सेना के ठीक बीच में रथ ले जाने का आग्रह किया। अर्जुन युद्ध से पूर्व यह जानना चाहते थे की असल में उन्हें किन योद्धाओं से युद्ध करना है और किनका वध करना है। महाभारत के युद्ध के विषय में सभी को पता है कि यह एक ही परिवार के दो भाईयों की संतानों की बीच लड़ा जाने वाला

युद्ध था। कौरव और पांडव आपस में चचेरे भाई थे। युद्ध के बीज दुर्योधन के अंतर्मन में बचपन से ही बोया गया था, कभी मामा शकुनी के द्वारा तो कभी अंधे पिता धृतराष्ट्र के उच्च महत्वकांक्षाओं और शारीरिक दुर्बलता के द्वारा। धृतराष्ट्र स्वयं सत्ता के लोभरुपी दलदल में फंसा हुआ था। उसके अंधे होने के कारण ज्येष्ठ कुरु पुत्र होने के बाद भी उसे राजगद्दी प्राप्त नहीं हुई। उसके स्थान पर छोटे भाई पांडू को राजा बना दिया गया। पांडू शारीरिक रूप से कमजोर और निर्बल था और एक श्राप के कारण अल्प आयु में ही उसका देहांत हो गया। उसके बाद अंधे धृतराष्ट्र को ही हस्तिनापुर का राजा बनाया गया परंतु उसे हमेशा भय था कि जब पाण्डव के पुत्र बड़े होंगे तो उसे पाण्डव पुत्रों को उनके पिता का राजपद प्रदान करना होगा और वे यह नहीं चाहते थे। अपनी महत्वाकांक्षाओं को उन्होंने अपने बड़े और शक्तिशाली पुत्र दुर्योधन को हस्तारित किया।

दुर्योधन जो स्वभाव से ही छली, कपटी और धूर्त था जिसने बाल्यकाल से ही

पांडवों को मारने के अनेक षड्यंत्र किये। वह पांडवों को प्रारंभ से ही अपना भाई मानने के बजाये अपना प्रतिस्पर्धी तथा शत्रु मानता था। वह किसी कीमत पर पांडवों को उनका राज वापस नहीं करना चाहता था। बल्कि द्युतक्रीड़ा के माध्यम से पाण्डवों को हराकर उनका समस्त राज्य छीन लिया। उनकी पत्नी द्रौपदी का चीर हरण किया। उन्हें 12 वर्ष का वनवास और एक वर्ष का अज्ञातवास करने को मजबूर किया। महाभारत वेद व्यास के द्वारा रचित और गणेश भगवान के द्वारा लिखित पुराण माना जाता है। गीता इसी पुराण का एक महत्वपूर्ण भाग है। गीता के ज्ञान को स्वयं भगवान कृष्ण ने अपने मित्र अर्जुन को महाभारत युद्ध से ठीक पहले कुरुक्षेत्र में दिया था।

गीता में 18 अध्याय तथा 700 श्लोक हैं। प्रत्येक अध्याय दर्शन व अध्यात्म से परिपूर्ण है। जब अर्जुन का रथ भगवान श्री कृष्ण कौरवों और पांडवों की सेना के मध्य में ले जाकर खड़े करते हैं। तो अर्जुन कौरवों की तरफ से अपने ही भाई बंधुओं रिश्ते नातेदारों को देखकर भावुक हो जाते हैं। कौरवों की तरफ अपने

डॉ. आमा तिवारी, सहायक प्राध्यापक - डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

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सार -

किसी क्षेत्र के संसाधनों का उचित दोहन करते हुए संतुलित विकास से ही क्षेत्र का संपूर्ण विकास संभव है। उपरोक्त क्षेत्र में प्राप्त संसाधनों का चातुर्यपूर्ण दोहन कर संतुलित विकास को प्राप्त किया जा सकता है।

औद्योगीकरण से जहां एक ओर विकास होता है, वहीं दूसरी ओर विनाश भी होता है। मानव जीवन की समस्त आवश्यकताओं की पूर्ति करने में सक्षम औद्योगीकरण मानव जीवन को विभिन्न प्रकार के भयंकर प्रदूषणों से भरता जा रहा है। मानव विकास को नवीन दिशा प्रदान करते-करते औद्योगीकरण ने इस जिले की खाद्यान्नोत्पादक कृषि भूमि की उर्वरता का विनाश प्रारंभ कर दिया है। वर्तमान एवं भविष्य में जनसंख्या की खाद्यान्न संबंधी समस्याओं के निराकरण तथा प्रदूषण रहित सुरक्षित जीवन हेतु इस समस्या का निदान अत्यंत आवश्यक है।

'मानव स्वयं एक संसाधन है।' इस तथ्य द्वारा मानव की क्षमता एवं दक्षता की पुष्टि होती है। मानव समाज अपनी आवश्यकताओं की पूर्ति हेतु उद्योगों की स्थापना करता है। मानवीय आवश्यकताएं दिन-प्रतिदिन बढ़ती जाती हैं, उसी प्रकार औद्योगीकरण भी विकसित अवस्था में स्थापित होते जा रहे हैं।

प्रस्तुत शोध पत्र का उद्देश्य मानव समाज पर औद्योगीकरण के प्रभाव का अध्ययन करना है। प्रस्तुत अध्ययन क्षेत्र छत्तीसगढ़ राज्य का विकसित कृषि प्रधान जिला जांजगीर-चांपा जिला है। यह जिला प्रदेश का सर्वाधिक खाद्यान्न उत्पादक जिला है। इस क्षेत्र पर वनों का प्रतिशत न्यून है। जिले में उपजदायी मृदा पायी जाती है। इस जिले का कुल क्षेत्रफल 4,467 वर्ग कि.मी. है। तापमान उच्च रहता है तथा अनुकूल जलवायु की उपस्थिति भी खाद्यान्नोत्पादन को संभव बनाती है। जिले में कृषि भूमि का क्षेत्रफल व्यापक है तथा पर्याप्त सिंचाई सुविधाएं हैं।

एक ओर यह जिला कृषि भूमि के रूप में उपयुक्त एवं सर्वाधिक खाद्यान्नोत्पादक जिले के रूप में विख्यात है, वहीं दूसरी ओर इस उपजदायी भूमि पर वर्तमान में विशाल

मात्रा में औद्योगीकरण किया जा रहा है। इस क्षेत्र पर उद्योगों के स्थानीकरण की समस्त सुविधाएं उपलब्ध हैं, यथा:- हसदो नदी द्वारा जल की प्राप्ति, कोरबा, अकलतरा एवं रायगढ़ जैसे भण्डारों से कोयले की प्राप्ति, एन.टी.पी. सी. से विद्युत शक्ति की प्राप्ति तथा विशाल जनसंख्या द्वारा श्रम शक्ति सरलता एवं सहजता से प्राप्त हो जाती है। यातायात व संचार के साधनों का विकास तथा बाजार की निकटता भी यहां औद्योगीकरण को सहायता प्रदान करते हैं।

मानव समाज हेतु कृषि एवं औद्योगीकरण दोनों ही पक्ष उन्नतिदायी हैं किंतु कृषि भूमि पर औद्योगीकरण के इस आक्रमण के फलस्वरूप मानव समाज एवं प्रकृति पर सकारात्मक एवं नकारात्मक, दोनों ही प्रभाव परिलक्षित होते हैं, जो अग्रलिखित हैं -

सकारात्मक प्रभाव-

1. शिक्षा का विकास,
2. रोजगार के अवसरों की प्राप्ति,
3. सामाजिक आत्मनिर्भरता में वृद्धि,
4. क्षेत्रीय संसाधनों का उचित उपयोग,
5. सामाजिक मांग पूर्ति के साधनों की प्राप्ति,

6. उचित दर पर वस्तुओं की प्राप्ति,
7. जिले का औद्योगिक विकास,
8. जन आकर्षण केन्द्र के रूप में,
9. यातायात एवं संचार के साधनों का विकास,
10. अप्रवास बहुल क्षेत्र के रूप में विकसित।

नकारात्मक प्रभाव-

1. जैव विविधता को हानि,
2. वायु, जल एवं मृदा प्रदूषण,
3. हरित गृह गैसों के उत्सर्जन के फलस्वरूप जलवायु परिवर्तन,
4. मृदा अपरदन,
5. खाद्यान्नों की सीमित उपलब्धता,
6. बाजार पर आश्रितता,
7. कुटीर एवं लघु उद्योगों का पतन,
8. ग्रामीण जनसंख्या का उत्प्रवास,
9. प्राकृतिक संसाधनों पर दुष्प्रभाव,
10. कृषि भूमि के क्षेत्रफल में कमी।

निष्कर्ष-

किसी क्षेत्र के संसाधनों का उचित दोहन करते हुए संतुलित विकास से ही क्षेत्र का संपूर्ण विकास संभव है। उपरोक्त क्षेत्र में प्राप्त

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सार -

किसी क्षेत्र के संसाधनों का उचित दोहन करते हुए संतुलित विकास से ही क्षेत्र का संपूर्ण विकास संभव है। उपरोक्त क्षेत्र में प्राप्त संसाधनों का चातुर्यपूर्ण दोहन कर संतुलित विकास को प्राप्त किया जा सकता है।

औद्योगीकरण से जहां एक ओर विकास होता है, वहीं दूसरी ओर विनाश भी होता है। मानव जीवन की समस्त आवश्यकताओं की पूर्ति करने में सक्षम औद्योगीकरण मानव जीवन को विभिन्न प्रकार के भयंकर प्रदूषणों से भरता जा रहा है। मानव विकास को नवीन दिशा प्रदान करते-करते औद्योगीकरण ने इस जिले की खाद्यान्नोत्पादक कृषि भूमि की उर्वरता का विनाश प्रारंभ कर दिया है। वर्तमान एवं भविष्य में जनसंख्या की खाद्यान्न संबंधी समस्याओं के निराकरण तथा प्रदूषण रहित सुरक्षित जीवन हेतु इस समस्या का निदान अत्यंत आवश्यक है।

‘मानव स्वयं एक संसाधन है।’ इस तथ्य द्वारा मानव की क्षमता एवं दक्षता की पुष्टि होती है। मानव समाज अपनी आवश्यकताओं की पूर्ति हेतु उद्योगों की स्थापना करता है। मानवीय आवश्यकताएं दिन-प्रतिदिन बढ़ती जाती हैं, उसी प्रकार औद्योगीकरण भी विकसित अवस्था में स्थापित होते जा रहे हैं।

प्रस्तुत शोध पत्र का उद्देश्य मानव समाज पर औद्योगीकरण के प्रभाव का अध्ययन करना है। प्रस्तुत अध्ययन क्षेत्र छत्तीसगढ़ राज्य का विकसित कृषि प्रधान जिला जांजगीर-चांपा जिला है। यह जिला प्रदेश का सर्वाधिक खाद्यान्न उत्पादक जिला है। इस क्षेत्र पर वनों का प्रतिशत न्यून है। जिले में उपजदायी मृदा पायी जाती है। इस जिले का कुल क्षेत्रफल 4,467 वर्ग कि.मी. है। तापमान उच्च रहता है तथा अनुकूल जलवायु की उपस्थिति भी खाद्यान्नोत्पादन को संभव बनाती है। जिले में कृषि भूमि का क्षेत्रफल व्यापक है तथा पर्याप्त सिंचाई सुविधाएं हैं।

एक ओर यह जिला कृषि भूमि के रूप में उपयुक्त एवं सर्वाधिक खाद्यान्नोत्पादक जिले के रूप में विख्यात है, वहीं दूसरी ओर इस उपजदायी भूमि पर वर्तमान में विशाल

मात्रा में औद्योगीकरण किया जा रहा है। इस क्षेत्र पर उद्योगों के स्थानीकरण की समस्त सुविधाएं उपलब्ध हैं, यथा:- हसदो नदी द्वारा जल की प्राप्ति, कोरबा, अकलतरा एवं रायगढ़ जैसे भण्डारों से कोयले की प्राप्ति, एन.टी.पी. सी. से विद्युत शक्ति की प्राप्ति तथा विशाल जनसंख्या द्वारा श्रम शक्ति सरलता एवं सहजता से प्राप्त हो जाती है। यातायात व संचार के साधनों का विकास तथा बाजार की निकटता भी यहां औद्योगीकरण को सहायता प्रदान करते हैं।

मानव समाज हेतु कृषि एवं औद्योगीकरण दोनों ही पक्ष उन्नतिदायी हैं किंतु कृषि भूमि पर औद्योगीकरण के इस आक्रमण के फलस्वरूप मानव समाज एवं प्रकृति पर सकारात्मक एवं नकारात्मक, दोनों ही प्रभाव परिलक्षित होते हैं, जो अग्रलिखित हैं -

सकारात्मक प्रभाव-

1. शिक्षा का विकास,
2. रोजगार के अवसरों की प्राप्ति,
3. सामाजिक आत्मनिर्भरता में वृद्धि,
4. क्षेत्रीय संसाधनों का उचित उपयोग,
5. सामाजिक मांग पूर्ति के साधनों की प्राप्ति,

6. उचित दर पर वस्तुओं की प्राप्ति,
7. जिले का औद्योगिक विकास,
8. जन आकर्षण केन्द्र के रूप में,
9. यातायात एवं संचार के साधनों का विकास,
10. अप्रवास बहुल क्षेत्र के रूप में विकसित।

नकारात्मक प्रभाव-

1. जैव विविधता को हानि,
2. वायु, जल एवं मृदा प्रदूषण,
3. हरित गृह गैसों के उत्सर्जन के फलस्वरूप जलवायु परिवर्तन,
4. मृदा अपरदन,
5. खाद्यान्नों की सीमित उपलब्धता,
6. बाजार पर आश्रितता,
7. कुटीर एवं लघु उद्योगों का पतन,
8. ग्रामीण जनसंख्या का उत्स्राव,
9. प्राकृतिक संसाधनों पर दुष्प्रभाव,
10. कृषि भूमि के क्षेत्रफल में कमी।

निष्कर्ष-

किसी क्षेत्र के संसाधनों का उचित दोहन करते हुए संतुलित विकास से ही क्षेत्र का संपूर्ण विकास संभव है। उपरोक्त क्षेत्र में प्राप्त

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महिला शिक्षा और विकास

सार -

किसी भी राष्ट्र के सामाजिक और आर्थिक विकास में महिलाओं की भूमिका को अनदेखा नहीं किया जा सकता। महिला और पुरुष दोनों समान रूप से समाज के दो पहियों की तरह कार्य करते हैं और समाज की प्रगति की ओर ले जाते हैं। दोनों की समान भूमिका को देखते हुए यह आवश्यक है कि उन्हें शिक्षा सहित अन्य सभी क्षेत्रों में समान अवसर दिये जाएँ, क्योंकि यदि कोई एक पक्ष भी कमजोर होगा तो सामाजिक प्रगति संभव नहीं हो पाएगी। परंतु देश में व्यावहारिकता शायद कुछ अलग ही है, वर्ष 2011 की जनगणना के अनुसार, देश में महिला साक्षरता दर मात्र 64.46 फीसदी है, जबकि पुरुष साक्षरता दर 82.14 फीसदी है। उल्लेखनीय है कि भारत की महिला साक्षरता दर विश्व के औसत 79.7 प्रतिशत से काफी कम है।

भारत में महिला शिक्षा वर्तमान परिदृश्य भारत में पुरुषों की तुलना में महिलाओं की साक्षरता दर काफी कम है। वर्ष 2011 की जनगणना के आँकड़े दर्शाते हैं कि राजस्थान (52.12 प्रतिशत) और बिहार (51.50 प्रतिशत) में महिला शिक्षा की स्थिति काफी खराब है।

जनगणना आँकड़े यह भी बताते हैं कि देश की महिला साक्षरता दर (64.46 प्रतिशत) देश की कुल साक्षरता दर (74.04 प्रतिशत) से भी कम है।

बहुत कम लड़कियों का स्कूलों में दाखिला कराया जाता है और उनमें से भी कई बीच में ही स्कूल छोड़ देती हैं। इसके अलावा कई लड़कियाँ रुढ़िवादी सांस्कृतिक रवैये के कारण स्कूल नहीं जा पाती हैं।

कई अध्ययनों के अनुसार, भारत में 15-24 वर्ष आयु वर्ग की युवा महिलाओं की बेरोजगारी दर 11.5 प्रतिशत है, जबकि समान आयु वर्ग के युवा पुरुषों के मामले में यह 9.8 प्रतिशत है।

वर्ष 2018 में राष्ट्रीय बाल अधिकार संरक्षण आयोग द्वारा जारी रिपोर्ट में कहा गया था कि 15-18 वर्ष आयु वर्ग की लगभग 39.4 प्रतिशत लड़कियाँ स्कूली शिक्षा हेतु किसी भी संस्थान में पंजीकृत नहीं हैं और इनमें से अधिकतर या तो घरेलू कार्यों में संलग्न होती

हैं या भीख मांगने जैसे कार्यों में।

आँकड़े यह भी बताते हैं कि भारत में अभी भी लगभग 145 मिलियन महिलाएँ हैं, जो पढ़ने या लिखने में असमर्थ हैं। उल्लेखनीय है कि भारत के ग्रामीण क्षेत्रों में शहरी क्षेत्रों की अपेक्षा स्थिति और अधिक गंभीर है।

भारत में महिला शिक्षा का इतिहास

भारत में महिला शिक्षा की वर्तमान स्थिति को समझने के लिये आवश्यक है कि इतिहास में इसकी विकास यात्रा को भी समझा जाए। इसे मुख्यतः 3 भागों (1) प्राचीन वैदिक काल, (2) ब्रिटिश इंडिया और (3) स्वतंत्र भारत में विभाजित कर देखा जा सकता है।

प्राचीन वैदिक काल

भारत में महिला शिक्षा का इतिहास प्राचीन वैदिक काल से जुड़ा हुआ है। उल्लेखनीय है कि लगभग 3000 से अधिक वर्ष पूर्व वैदिक काल के दौरान महिलाओं को समाज में एक प्रतिष्ठित स्थान प्राप्त था और उन्हें पुरुषों के समान समाज का एक महत्वपूर्ण अंग समझा जाता था।

वैदिक अवधारणा के स्त्री शक्ति सिद्धांत के अनुसार, महिलाओं की देवी के रूप में पूजा शुरू हुई- उदाहरण के लिये शिक्षा की देवी सरस्वती। वैदिक शास्त्र कहते हैं कि "लड़कों के साथ लड़कियों को उचित देखभाल

के साथ पोषित और प्रशिक्षित किया जाना चाहिये।"

वैदिक साहित्य में उन महिलाओं का भी उल्लेख किया गया है जिन्होंने वैदिक अध्ययन का रास्ता चुना।

ब्रिटिश इंडिया

इस काल में पहला ऑल-गर्ल्स बोर्डिंग स्कूल वर्ष 1821 में दक्षिण भारत के तिरुनेलवेली में स्थापित किया गया था।

वर्ष 1840 तक स्कटिश चर्च सोसाइटी द्वारा दक्षिण भारत में निर्मित छह स्कूल मौजूद थे जिनमें कुल 200 लड़कियों का नामांकन कराया गया था। वर्ष 1848 में पुणे में गर्ल्स स्कूल की शुरुआत करने वाले ज्योतिबा फुले और उनकी पत्नी सावित्री बाई पश्चिमी भारत में भी महिला शिक्षा के क्षेत्र में अग्रणी थे। पश्चिम भारत में महिला शिक्षा की शुरुआत पुणे में गर्ल्स स्कूल के निर्माण के साथ हुई जिसे वर्ष 1848 में ज्योतिबा फुले और उनकी पत्नी सावित्री बाई ने शुरू किया था। उल्लेखनीय है कि 1850 तक मद्रास मिशनरियों ने स्कूल में लगभग 8,000 से अधिक लड़कियों का नामांकन कराया था।

ईस्ट इंडिया कंपनी के कार्यक्रम बुड्स डिस्पेंच ने वर्ष 1854 में महिलाओं की शिक्षा और उनके लिये रोजगार की आवश्यकता को

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भूगोल में नारीवादी

सार -

प्रस्तुत शोध पत्र भूगोल में नारीवादी खोज का एक तरीका है। जो महिलाओं के बीच लैंगिकता, पहचान एवं मतभेदों के बीच ध्यान केंद्रित करता है। यहाँ नारीवाद की अवधारणा उनके सिद्धांतों एवं विकास क्रम का अवलोकन करने का प्रयास किया गया है। इसके अतिरिक्त महिलाओं की मानवीय संवेदनाओं को अपने में समेटे हुए नारीवाद स्त्री-पुरुष की मानसिकता और बुद्धि कौशल को बदलने की बात करता है। आज के संदर्भ भूगोल में नारीवाद विचारधारा को स्वायत्त रूप से विकसित होती हुई विचार शृंखला के रूप में देखना उचित होगा।

प्रस्तावना (INTRODUCTION) :-

भूगोल में नारीवादी खोज का एक तरीका है जो महिलाओं के बीच लैंगिक पहचान एवं मतभेदों की ओर ध्यान केन्द्रित करता है। जिसे सामाजिक राजनीतिक चिन्तन तथा उसकी आधारभूत संरचनाओं व मान्यताओं पर आधारित भौगोलिक अध्ययन है इस दृष्टिकोण में नारीवादी भूगोलवेत्ताओं ने इसे शरीर की सूक्ष्म भूगोल, मोबाइल पहचान, दूरी की भिन्नता, तथा स्थानों के अध्ययन पर बल दिया है। जिसे आधुनिक समय में कल्पनाओं का भूगोल, उपनिवेशवाद और पर्यावरण एवं प्रकृति के स्वरूप पर आधारित हैं। आज नारीवादी भूगोलवेत्ताओं का मानना है कि स्त्री और पुरुष के अधिकार एवं कर्तव्य में विभेद की समस्या ही सामाजिक संबंधों के निर्धारण एवं स्थानीय भौगोलिक, सामाजिक एवं आर्थिक कारणों को प्रभावित करता है। नारीवादी चिन्तन पाश्चात्य देशों में नारी मुक्ति आंदोलन के साथ 1960 के दशक में ही प्रारम्भ हुआ और भौगोलिक नारीवादी का अध्ययन 1970 के दशक के मध्य से हुआ है।

ब्रिटिश कालीन भूगोलवेत्ताओं के अनुसार :-

“नारीवादी भूगोल की एक शाखा है जो अपने विश्लेषण में सामाजिक व्यवस्था के लिंग भेद पर आधारित संरचना तथा उसके सामाजिक एवं भौगोलिक परिणामों पर ध्यान

केन्द्रित करती है और लिंग भेद से उत्पन्न दुष्परिणामों को तत्काल सुधारने तथा कालान्तर में लिंग भेद को समाप्त करके पूर्ण लैंगिक समानता स्थापित करने की दिशा में सक्रियता के साथ कटिबद्ध है।”

लेबी स्ट्रास ने महिलाओं की भूमिकाओं के बारे में यह मानते हैं कि समाज की रचना की क्रिया के दौरान स्त्री ने अधीनता की स्थिति ग्रहण की है। उनके अनुसार संस्कृति का विकास स्त्री-पुरुषों के विनिमय से प्रारम्भ हुआ जिसके द्वारा परिवारिक बंधन मजबूत हुए और समाज का निर्माण हुआ।

उद्देश्य (OBJECTIVE) :-

- (1) नारीवादी भूगोल में स्त्री और पुरुषों के अधिकार एवं कर्तव्य की असमानता को स्पष्ट करना।
- (2) सामाजिक समानता की अवधारणाओं का मूल्यांकन करना।
- (3) नारीवादी भूगोल में नारियों की नेतृत्व एवं प्रशासनिक पहलुओं को आकलन करना भी एक उद्देश्य है।

नारीवादी भूगोल का स्वरूप :-

नारीवादी भूगोल का स्वरूप समयानुसार परिवर्तनशील हो रहा है फिर भी सुविधा की दृष्टि कोण से इसके दो भाग हैं :-

(1) क्रांतिपरक नारीवादी भूगोल :-

इसमें केवल उग्रता या आंदोलनकारी नारीवादी भूगोलवेत्ताओं को शामिल किया गया

है। जो यह मानते हैं कि समाज में महिलाओं के शोषण का कारण मुख्यतः पितृप्रधान सामाजिक व्यवस्था है। जिसमें परिवार व समाज में पुरुष को मुख्य एवं स्त्रियों का गौण स्थान दिया जाता है अतः क्रांतिपरक नारीवादी चिंतक महिलाओं के उत्थान के लिए सामाजिक प्रयासों में पुरुषों को सबसे बड़ी बाधा मानते हैं।

(2) समाजवादी नारीवादी भूगोल :-

यह मुख्यतः सैद्धांतिक रूप से मार्क्सवाद से प्रभावित है और समाजवादी, नारीवाद, असमानता की व्याख्या करना चाहता है इनका मानना है कि लिंग भेद समाज में व्याप्त कुरीतियों अर्तद्वन्द्वों तथा विरोधाभासों का अंग माना गया है। नारीवादियों के अनुसार वर्तमान अन्यायपूर्ण सामाजिक व्यवस्था का ही एक अंग है और समयानुसार महिलाओं में सुधार के लिए सकारात्मक पहल ही एक विकल्प है जिससे महिलाओं और पुरुषों के बीच पूर्ण सहयोग बना रहें। महात्मागांधी जी ने समाज के पुनर्निर्माण में महिलाओं की भूमिका को विशेष महत्व दिया।

(3) नारीवादी भूगोल का विकास :-

नारीवादी भूगोल मानव व्यवहार के अध्ययन से संबंधित है जहाँ सामाजिक व्यवहार के क्षेत्र विश्वव्यापी सिद्धांतों का प्रतिपादन नहीं करता है बल्कि स्थानीय समस्याओं के पक्षधर के साथ गुणात्मक अध्ययन पद्धति को अपनाने की आग्रह करता है। इस दिशा में नारीवादी

डॉ. आर.एन.यादव, सहायक प्राध्यापक भूगोल - डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

डॉ. विमल पटेल, डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

बौद्ध धर्म का विकास - छत्तीसगढ़ के संदर्भ में (बौद्ध केन्द्र - सिरपुर तथा अन्य केन्द्र)

सारांश -

अतीत से ही हिन्दुस्तान के हृदय स्थल म.प्र. के दक्षिण पूर्वी भूभाग पर स्थित "हिन्दुस्तान" का एक विशिष्ट सांस्कृतिक एवं ऐतिहासिक महत्व रहा है। धान के कटोरा को सदैव परिपूर्ण रखने वाला गढ़ों का यह क्षेत्र "छत्तीसगढ़" देश की खुशहाली का प्रतीक रहा है।

रायपुर नगर से लगभग 50 मील दूर महानदी के पूर्वी तट पर बसा हुआ सिरपुर ग्राम में अनेक मंदिर तथा मंदिरों के अवशेष विद्यमान हैं। सिरपुर किसी समय दक्षिण कोसल की राजधानी थी। वहाँ के तत्कालीन शासकों ने शैव तथा वैष्णव धर्म के अतिरिक्त बौद्ध धर्म को राजश्रय दिया था। यहाँ बौद्धों के दो विघटों के भी अवशेष प्राप्त हुए हैं। यहाँ बुद्ध की विशाल प्रतिमा मिली है। आनंद प्रभु नायक एक भिक्षु द्वारा यहां शिवगुप्त के राज्यकाल में एक बौद्ध मठ बनवाये जाने का उल्लेख किया गया है।

सिरपुर में भगवान बुद्ध की दो विशालकाय पाषाण प्रतिमाएं हैं। सिंहासन पर भूमि स्पर्श बैठे दिखलाये गये हैं। सिरपुर में धर्मचक्र मुद्रा में बुद्ध की दो पाषाण प्रतिमाएं प्राप्त की गयी हैं।

अवलोकितेश्वर की तीन प्रतिमाएं उत्खनन से प्राप्त हुई हैं तथा लाल बलुआ पत्थर की बुद्ध प्रतिमा वरद मुद्रा में है। सिरपुर उत्खनन से प्राप्त बुद्ध की मिट्टी प्रतिमा सबसे महत्वपूर्ण है जो रायपुर संग्रहालय में प्रदर्शित है।

रायपुर नगर से लगभग 50 मील दूर महानदी के पूर्वी तट पर बसा हुआ है। इस ग्राम में अनेक मंदिर या मंदिरों के अवशेष विद्यमान है।

सिरपुर किसी समय दक्षिण कोसल की राजधानी थी। ईसा की चौथी शताब्दी में गुप्तवंशीय राजाओं की राजधानी मांडक (जिला चांदा) में थी। इसी वंश की एक शाखा सिरपुर चली आयी और वहां उसने अपनी राजधानी स्थापित की। इसके पश्चात् सातवीं शताब्दी में सिरपुर में पाण्डुवंशी राजाओं को राज्य था। सिरपुर में प्राप्त मंदिर और मूर्तियों से यह प्रमाणित होता है। वहां के तत्कालीन शासकों ने शैव तथा वैष्णव धर्म के अतिरिक्त बौद्ध धर्म को भी राजश्रय दिया था और प्रजा को पूर्व धार्मिक स्वतंत्रता प्रदान की गई थी। तभी तो तीनों धर्म की अनुरंजित कलात्मक मूर्तियां प्राप्त हुई हैं। यहाँ बौद्धों के दो बिहारों के भी अवशेष प्राप्त हुए हैं। जिनकी रूपरेखा से ज्ञात होता

है इनका निर्माण अत्यंत सुनियोजित ढंग से हुआ था। यहां बुद्ध की विशाल प्रतिमा भी मिली है। जो चंद्रासन पर आसीन भूमि स्पर्श मुद्रा में है। बौद्ध धर्म से संबंधित अन्य प्रतिमाएं जैसे पद्मपाल, स्वर्णदित्य, मैत्रेय, अवलोकितेश्वर तथा बौद्ध बोधिसत्व भी यहां प्राप्त हुई हैं।

सिरपुर में उपलब्ध प्राचीन अवशेष -

सिरपुर प्राचीन सिरपुर, रायपुर से 36 मील उत्तर पूर्व में रायपुर जिले की महासमुंद तहसील में महानदी के दाहिने किनारे में अवस्थित है। वर्तमान सिरपुर नदी और रायकेड़ा तालाब के मध्यवर्ती स्थान में बसा हुआ है। इसमें लगभग 45 झोपड़िया हैं। जिनमें लगभग 150 प्राणी रहते हैं जो अधिकतर खेती तथा धान की फसल पर गुजर बसर करते हैं। सातवीं ईसवी शताब्दी से पूर्व इस स्थान के प्राचीन इतिहास का कुछ भी ज्ञान नहीं है। सातवीं शताब्दी के अंतिम चरण में श्रीपुर में

शरभपुर या सोमवंशी की राजधानी स्थापित हुई थी। इस संबंध में सबसे प्राचीन उत्कीर्ण लेख संबंध साक्षी महासुदेव राजा के सारंगढ़ ताम्रपत्र और उसके उत्तराधिकारी महाप्रवर राजा के ठाकुर दिया ताम्रपत्रों से उपलब्ध होती है। दोनों ही ताम्रपत्र श्रीपुर से प्रसारित किये गये थे न कि परिवार की प्राचीन राजधानी शरभपुर से।

आठवीं शताब्दी से श्रीपुर के उल्लेख बहुत अधिक मिलते हैं। इनमें अधिकांश श्रीपुर से प्राप्त उत्कीर्ण लेख ही हैं। सिरपुर में खोजबीन के सिलसिले में मुझे अन्य तीन उत्कीर्ण लेख भी प्राप्त हुए। इनमें से एक गंधेश्वर मंदिर के फर्श में लगा हुआ मिला। इसमें महाविगुप्ता द्वारा एक बिहार बनाये खाने का उल्लेख किया गया है। 1955 वर्ष के प्रारंभ में अपनी खुदाई के सिलसिले में मुझे पूर्णतया सुरक्षित एक 14 पंक्तियों का उत्कीर्ण लेख प्राप्त हुआ है। इसमें आनंद प्रभु नामक

डॉ. रश्मि शर्मा, सहायक प्राध्यापक - इतिहास विभाग, डी.पी. विप्र महाविद्यालय, बिलासपुर (छ.ग.)

I.C.T. IN HISTORY

ABSTRACT:

History can be viewed as a stored information of human activities in ancient period. The people of the present are always eager to know about the happenings in the past. History is either stored in the form of books, print media, electronic media or in the mind of Historians which can be told in words face to face. Telling history to others is a communication, which is performed by various means. Thus, ICT is closely related with history.

ICT helps pupils learning history by providing quick and effective access to large quantities of information. It can help them to investigate, organize, edit and present information in many different ways. ICT therefore, supports and enhances many of the processes in the development of the pupils historical knowledge, skills and understanding.

INTRODUCTION:

Information as an object and communication is a means. Communication is a process of transmitting ideas, facts, opinions, activities etc. from one person to another person. History is narration of past events and activities which occur in the life of human civilization. Events like war, natural calamities, peace and other important happenings of ancient period are predominantly described in history. History is also a information which passes from elders to youngsters. Various developments of human beings, which occur gradually in the past, become history. History, in the form of information, is communicated from one generation to another generation on continuous basis. Thus ICT has to play important role in the subject of history.

INFORMATION:

Information, we mean, development of human activities in past and present period. The new information gets generated due to different human activities. It is a

continuous process of information. People always communicate their opinion and thoughts to the public in manuscript and form of tales. In this way knowledge continuously gets enriched. Information is a powerful source which affects the human life. The print media is the most powerful source of information in all parts of the world.

INFORMATION TECHNOLOGY:

The technique which helps in receipt, storage, collection and transmission of information from different activities and source, is called Information Technology (IT). To achieve the above objective help is taken from many auxiliary means and management expertise. Generally it is told that we are living in the IT era. Many high - tech equipments like computers, telecommunication, microelectronics etc. are involved in IT.

The developments which we observe in modern age in the field on IT are mainly due to micro - electronic equipment e.g. computer science, the application of technology and engineering in

regularization and motivation efforts are expressed as information technology.

COMMUNICATION OF INFORMATION:

The receipt and transmission of informational activities are known as communication. Stored information has no use without communication. Communication performs the work of transfer of information from one place to another place. Therefore, we can say that the communication is an activity of information exchange.

HISTORY:

History is the collection of events, activities, in the life of human society of the past, hundreds and thousands of years ago. It is not only a story of waxing & waning of states or country, victory & defeat in a war, social debacles or growth in human civilization but it is a story of gradual development of human Society. It is a strong believable collection of events occurred in the past, hundreds of years ago, in human life. In words of famous historian " RAIKAR "

Dr. Taru Tiwari, Assistant Professor, Department of History, D.P.Vipra College, Bilaspur (C.G.)



**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

2017-18

D.P. Vipra College

Old High Court Road, Bilaspur
Chhattisgarh, India 495001



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D. P. VIPRA COLLEGE, BILASPUR (C.G.)

Accredited "A" by NAAC, ISO-9001:2015 Certified

Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 02.11.2017

To,

Dr. Subhraj Pandey
Asst. Professor
Department of Microbiology

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Bhilai Mahila Mahavidyalaya by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

PRINCIPAL
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D.P. Vipra College
Bilaspur (C.G.)

CASHIER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

ACCOUNTANT
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 15.11.2017

To,

Dr. M. S. Tamboli
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference University of Madras, Chennai by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

Principal
D.P. Vipra College
Bilaspur (C.G.)

CASHIER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

ACCOUNTANT
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 15.11.2017

To,

Prof. Kiran Dubey
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

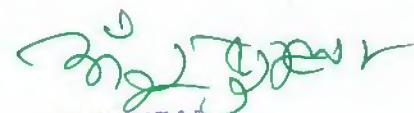
We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference University of Madras, Chennai by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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ACCOUNTANT
D.P. VIPRA COLLEGE
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 30.12.2017

To,

Dr. R. N. Yadav
Asst. Professor
Department of Geography

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Dr. C. V. Raman Vishwavidyalaya, Kota Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

Principal
D.P. Vipra College
Bilaspur (C.G.)
PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)

CASHER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)

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Ref No- /

Date: 30.12.2017

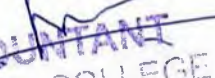
To,

Dr. Manish Tiwari
Asst. Professor
Department of Biochemistry


Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference Dr. C. V. Raman Vishwavidyalaya, Kota Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


CASHIER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
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Ref No- /

Date: 02.11.2017


To,


Dr. Anju Shukla
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Pt. Sundarlal Sharma Open University, Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
D.P. Vipra College
PRINCIPAL
Bilaspur (C.G.)
D.P. Vipra College
Bilaspur (C.G.)


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 09.10.2017


To,


Dr. Sanjay Tiwari
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for State Level Workshop.

We are pleased to inform you that the fees of Rs. 300/- (Rupees Three hundred only) submitted for attending State Level Workshop Bilaspur University, Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)


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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 12.10.2017

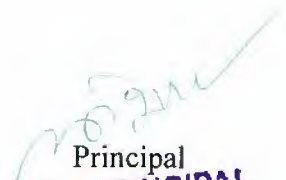
To,

Prof. Neha Meghani
Asst. Professor
Department of Biochemistry


Subject: Sanction Letter for reimbursement of fees submitted for National Workshop.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Workshop Bilaspur University, Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)


CASHIER
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)



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D. P. VIPRA COLLEGE, BILASPUR (C.G.)

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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 02.11.2017


To,


Dr. Sunita Yadav
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Pt. Sudarlal Sharma Open University, Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
D.P. Vipra College
Bilaspur (C.G.)
Bilaspur (C.G.)


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 29.09.2017

To,

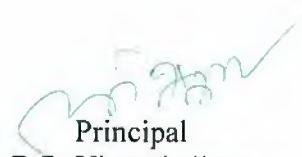
Prof. Richa Handa
Asst. Professor
Department of Computer Science

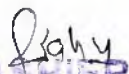
Subject: Sanction Letter for reimbursement of fees submitted for State Level Workshop.

We are pleased to inform you that the fees of Rs. 300/- (Rupees Three hundred only) submitted for attending State Level Workshop Bilaspur University, Bilaspur by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
D.P. Vipra College
Bilaspur (C.G.)
D.P. Vipra College
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 10.01.2018


To,

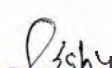
Dr. Abha Tiwari
Asst. Professor
Department of Political Science


Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Govt. Pataleshwar Mahavidyalaya, Masturi by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 12.12.2017

To,

Dr. Suruchi Mishra
Asst. Professor
Department of Hindi

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Prawasi Sahitya Visheshank by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

Principal
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Bilaspur (C.G.)

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Ref No- /

Date: 03.01.2018

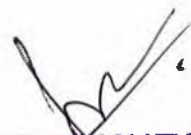
To,


Prof. Prachi Tiwari
Asst. Professor
Department of Biotechnology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Journal of Pharmacognosy and Phytochemistry by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
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BILASPUR (C.G.)


Principal
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Bilaspur (C.G.)


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 04.10.2016


To,

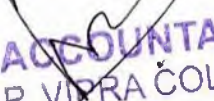
Dr. Renu Nayar
Asst. Professor
Department of Chemistry


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Journal of Fluorescence by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)
D.P. Vipra College
Bilaspur (C.G.)


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Ref No- /

Date: 02.06.2017

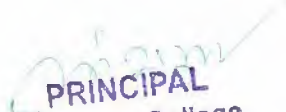
To,


Prof. Ashutosh Pandey
Asst. Professor
Department of Maths


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication International Journal of Scientific Research in Computer Science, Engineering and Information Technology by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


PRINCIPAL
D.P. Vipra College
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Principal
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Bilaspur (C.G.)


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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

RefNo- /

Date: 08.03.2018


To,

Dr. K. B. Singh
Asst. Professor
Department of Sociology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


PRINCIPAL
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Ref No- /

Date: 08.03.2018

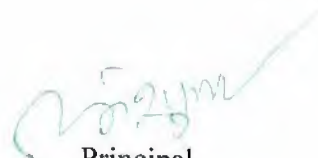
To,

Dr. Oorja Ranjan Sinha
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
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Ref No- /

Date: 08.03.2018

To,

Dr. Vimal Patel
Asst. Professor
Department of Geography

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

Principal
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Bilaspur (C.G.)

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Ref No- /

Date: 08.03.2018

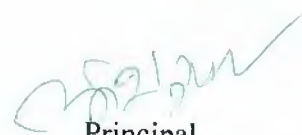
To,


Dr. Sadhana Shome
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)
D.P. Vipra College
Bilaspur (C.G.)


ACCOUNTANT
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 08.03.2018


To,

Dr. Sushma Sharma
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)


CASHIER
D.P. VIPRA COLLEGE
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 08.03.2018


To,


Dr. Shikha Pahare
Asst. Professor
Department of Botany


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
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PRINCIPAL
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 08.03.2018

To,

Dr. M. L. Jaiswal
Asst. Professor
Department of Botany

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

Principal
D.P. Vipra College
Bilaspur (C.G.)

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Ref No- /

Date: 08.03.2018

To,

Prof. Rupendra Sharma
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

Principal
D.P. Vipra College
Bilaspur (C.G.)

ACCOUNTANT
D.P. VIPRA COLLEGE
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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

RefNo- /

Date: 05.02.2018

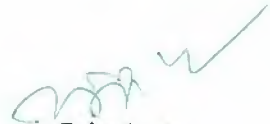
To,

Dr. Ashish Sharma
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 700/- (Rupees Seven hundred only) submitted for Paper Publication EDU WORLD by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)


CASHIER
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BILASPUR (C.G.)


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Ref No- /

Date: 08.03.2018


To,


Dr. Vivek Ambalkar
Asst. Professor
Department of Physics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)
PRINCIPAL
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Ref No- /

Date: 08.03.2018

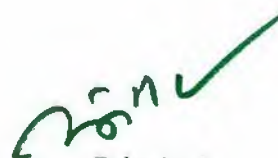
To,

Prof. Pradeep Kumar Jaiswal
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)
Bilaspur (C.G.)


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Ref No- /

Date: 08.03.2018

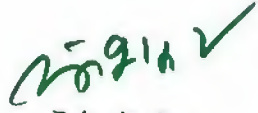
To,


Dr. Khagendra Soni
Asst. Professor
Department of Commerce


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
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Ref No- /

Date: 04.12.2017

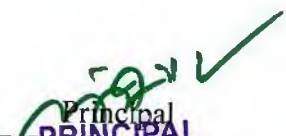
To,


Dr. K. K. Sharma
Asst. Professor
Department of Economics

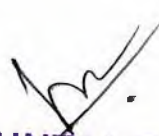
Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Naveen Shodh Sansar by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)


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RefNo- /

Date: 08.03.2018


To,


Prof. Vishwas Victor
Asst. Professor
Department of Computer Science

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
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Phone No.- 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

RefNo- /

Date: 08.03.2018


To,


Prof. Asha Roy
Asst. Professor
Department of Economics

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Swadeshi Research Foundation by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)
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Ref No- /

Date: 08.03.2018

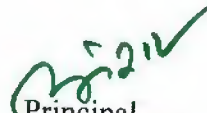
To,

Prof. Anju Halwai
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 08.03.2018

To,

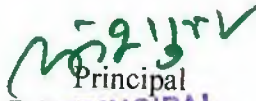
Prof. Toshima Mishra
Asst. Professor
Department of Zoology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

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Bilaspur (C.G.)
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Ref No- /

Date: 08.03.2018


To,


Prof. Shriti Somvanshi
Asst. Professor
Department of Zoology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

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Ref No- /

Date: 08.03.2018

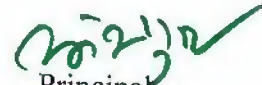
To,

Dr. Smriti Rani Prakash
Asst. Professor
Department of History


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

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Ref No- /

Date: 08.03.2018


To,

Prof. Rajni Kujur
Asst. Professor
Department of Sociology


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

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Ref No- /

Date: 08.03.2018

To,

Prof. A. Shri Ram
Asst. Professor
Department of Commerce

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for Paper Publication Research Digest by you for the year 2017-18 has been approved by the institution as per policy.

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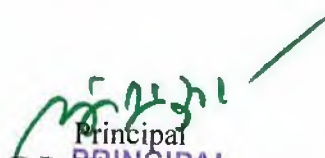
To,

Dr. Rashmi Sharma
Asst. Professor
Department of History


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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**Chhattisgarh Environment Conservation Board, Raipur &
Bhilai Education Trust, Bhilai**

Sponsored

NATIONAL SEMINOR

ON

**CURRENT DEVELOPMENT OF ENVIRONMENTAL SCIENCES
IN CHHATTISGARH STATE**

30th November & 1st December

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This is to Certify that Prof./ Dr./ Mr./ Ku. Dr. Shubhraj Pandey

D.P. Vipra Mahavidyalaya, Bilaspur

has actively participated in the National Seminar on 'Current Development of Environmental Sciences in Chhattisgarh State' organized by Department of Chemistry, Botany, Biotechnology and Microbiology Bhilai Mahila Mahavidyalaya, Bhilai from 30th Nov. & 1st Dec. 2017.

He/She chaired the session/ delivered guest lecture / attended technical sessin/presented poster / paper titled

Madhuika Shrivastava
Convenor

Dr. Pratiksha Pandey
Co-Convenor

Dr. Bhawana Pandey
Organizing Secretary

Dr. Zehra Hasan
Patron & Principal



INDIAN POLITICAL SCIENCE ASSOCIATION

57th ALL INDIA POLITICAL SCIENCE CONFERENCE

on

Emerging India

15th - 17th December, 2017



17-18
This is to certify that Prof./Dr./Mr./Ms. Dr. M.S. TAMBOLI

.....has participated

and presented a paper titled "G.S.T. - ARTHVAYASTHA KO NAYA ROOP"

.....in the 57th All India

Political Science Conference on **Emerging India** during 15th - 17th December, 2017 organized at Anna Centre for Public Affairs, University of Madras, Chennai, Tamil Nadu.

Sushma Yadav

President
IPSA

P. Madurai Veeran
Vice - President, IPSA
Local Organizing Secretary

Sanjeev Kumar Sharma
General Secretary and Treasurer
IPSA



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57th ALL INDIA POLITICAL SCIENCE CONFERENCE

on

Emerging India

15th - 17th December, 2017



CERTIFICATE

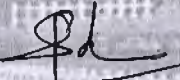
This is to certify that Prof./Dr./Mr./Ms. Prof. KIRAN DUBEY


.....has participated

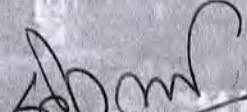
and presented a paper titled....."G.S.T. - GARTHVAYASTHA KO NAYA Roop".....

.....in the 57th All India

Political Science Conference on **Emerging India** during 15th - 17th December, 2017 organized at Anna Centre for Public Affairs, University of Madras, Chennai, Tamil Nadu.


Sushma Yadav
President
IPSA


P. Maduraiveeran
Vice - President, IPSA
Local Organizing Secretary


Sanjeev Kumar Sharma
General Secretary and Treasurer
IPSA



राष्ट्रीय शोध संगोष्ठी
"संसाधन एवं प्रादेशिक विकास"

जनवरी 22-23, 2018



आयोजक
भूगोल विभाग,

डॉ. सी.वी. रामन विश्वविद्यालय, कोटा
एवं
छत्तीसगढ़ भूगोल परिषद

✽ प्रमाण-पत्र ✽

प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती/प्रो./डॉ. आर. एन. यादव

महाविद्यालय/संस्था डी. पी. विप्र. रत्नालकोटर महा. निलासपुर (द.ग.)

ने दिनांक 22-23 जनवरी, 2018 को आयोजित राष्ट्रीय शोध संगोष्ठी में 'छत्तीसगढ़ के नगरीय विकास में प्रादेशिक असमानता' शीर्षक में अपना शोध पत्र प्रस्तुत किया।

हम आपके उज्ज्वल भविष्य की कामना करते हैं।

डॉ. जे.पी. शिवहरे
अध्यक्ष
छत्तीसगढ़ भूगोल परिषद

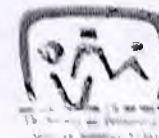
डॉ. प्रशांत गौरहा
विभागाध्यक्ष/संयोजक
डॉ. सी.वी. रामन विश्वविद्यालय

डॉ. आर.पी. दुबे
कुलपति

डॉ. सी.वी. रामन विश्वविद्यालय, कोटा



DR. C.V. RAMAN UNIVERSITY



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(AGCSMME-18)

National Conference On

ADVANCEMENTS & GLOBALIZATION OF CHEMICAL SCIENCES FOR MAN, MATERIAL & ENVIRONMENT

In joint collaboration with

The Society for Promotion of Material Sciences (SPMS) Nagpur

9th & 10th March 2018

Organized By: The Department of Chemistry

Certificate
Manish Tiwari

1778
This is to certify that *Dr. Manish Tiwari* has delivered an invited talk & shared his
research work presented the paper (Oral Poster) Participated in the National Conference on ADVANCEMENTS & GLOBALIZATION OF
CHEMICAL SCIENCES FOR MAN, MATERIAL & ENVIRONMENT AGCSMME-18 held on 9-10 March 2018 organized by the Department of
Chemistry, Dr. C.V. Raman University, Bilaspur, India His presentation topic was _____

[Signature]
10/3/2018

[Signature]
10/3/2018

[Signature]
10/3/2018

क्रमांक : 253



संस्कृति विभाग, छत्तीसगढ़ शासन

पण्डित मुन्डलाल शर्मा (मुक्त) विश्वविद्यालय छत्तीसगढ़, बिलासपुर

शाश्वत भारत

विषय पर तीन दिवसीय

ICSSR राष्ट्रीय-संगोष्ठी

(सहयोग : संस्कृति विभाग, छत्तीसगढ़ शासन)

18-20 नवम्बर, 2017

प्रमाण - पत्र

प्रमाणित किया जाता है कि डॉ. अंजू शुक्ला (सहा. प्राध्यापक)
संस्था डॉ. पी. विष्णु महाविद्यालय एकीकृतसपुर (छ.ग.)
ने दिनांक 18.11.2017 से 20.11.2017 तक 'शाश्वत भारत' विषय पर आयोजित
राष्ट्रीय संगोष्ठी में सहभागिता की / अपना शोध-आलेख प्रस्तुत किया।

प्रतिपादित विषय : "भारतीय संस्कृति"

R. K. Sharma

डॉ. राजकुमार सचदेव
कुलसचिव

Dr. B. S. Gopal Singh

डॉ. बंश गोपाल सिंह
कुलपति

One Day State-level Workshop On



Examination Reform : Digitization and online Evaluation 26th October 2017

:: Organized By ::

Bilaspur University, Bilaspur (C.G.)

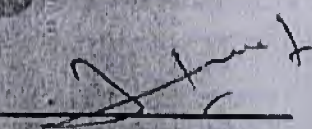
Certificate

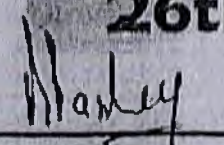
This is to certify that Prof./Mr./Mrs./Dr. SANJAY KUMAR TIWARI


of D.P. VIPRA COLLEGE, BILASPUR Participated in Our Day State-level


Workshop on Examination Reform : Digitization and Online Evaluation.

26th October 2017


Convenor
DR. H.S. HOTA


COE
DR. P.K. PANDAY


Registrar
DR. INDU ANANT


Vice-Chancellor
PROF. G.D. SHARMA

NATIONAL WORKSHOP
ON
"MEDICAL LAB TECHNOLOGY: RECENT ADVANCES IN LAB DIAGNOSTICS"

07-13 NOVEMBER, 2017



Sponsored By :

INDIAN COUNCIL OF MEDICAL RESEARCH, (ICMR), NEW DELHI
&
CHHATTISGARH COUNCIL OF SCIENCE & TECHNOLOGY (CGCOST), RAIPUR



Organized By :

Department of Microbiology and Bioinformatics
BILASPUR UNIVERSITY, BILASPUR (C.G.)

17-18

CERTIFICATE

This is to certify that Prof./Dr./Mr./Ms./Mrs Neha Meghani
of Bilaspur University, Bilaspur has delivered an invited talk/Chaired the session/
participated /presented paper on _____ in
Seven days National Workshop on "MEDICAL LAB TECHNOLOGY: RECENT ADVANCES IN LAB
DIAGNOSTICS", Organized by Department of Microbiology & Bioinformatics, Bilaspur University, Bilaspur
held on November 7-13, 2017.

G. D. Sharma
(Prof. G.D. Sharma)
Vice Chancellor

Latika Bhatla
(Dr. Latika Bhatla)
Convener

Dr. DSVEN Kaladhar
(Dr. DSVEN Kaladhar)
Organizing Secretary

क्रमांक : 039



पण्डित मुन्शलाल शर्मा (मुक्त) विश्वविद्यालय छत्तीसगढ़, बिलासपुर

शाश्वत भारत

विषय पर तीन दिवसीय

ICSSR राष्ट्रीय-संगोष्ठी

(सहयोग : संस्कृति विभाग, छत्तीसगढ़ शासन)

18-20 नवम्बर, 2017

प्रमाण - पत्र

प्रमाणित किया जाता है कि डॉ. (श्रीमती) सुनीता शादवा
संस्था श्री. पी. विश्व महाविद्यालय, बिलासपुर
ने दिनांक 18.11.2017 से 20.11.2017 तक 'शाश्वत भारत' विषय पर आयोजित
राष्ट्रीय संगोष्ठी में सहभागिता की / अपना शोध-आलेख प्रस्तुत किया।

प्रतिपादित विषय : "भारतीय संस्कृति के गौरवशाली
त्व"

R. W. Sharma
डॉ. राजकुमार सचदेव
कुलसचिव

Bansh Gopal Singh
डॉ. बंश गोपाल सिंह
कुलपति



One Day State-level Workshop On

Examination Reform : Digitization and online Evaluation 26th October 2017

:: Organized By ::

Bilaspur University, Bilaspur (C.G.)

Certificate

This is to certify that Prof. Mr. Mrs. Dr. *Richa Flanda*
of *D. P. Vipra College, Bilaspur* Participated in Our Day State-level

Workshop on Examination Reform : Digitization and Online Evaluation.

26th October 2017

[Signature]
Convenor

[Signature]
COE

[Signature]
Registrar

[Signature]
Vice-Chancellor

राष्ट्रीय शोध संगोष्ठी

आई क्यू.ए.सी. एवं नैक समिति

शासकीय पातालेश्वर महाविद्यालय मस्टूरी

जिला-बिलासपुर (छ.ग.)

17-18

नैक द्वारा प्रदत्त - 'बी' ग्रेड

प्रमाणपत्र

दिनांक 02.02.2018

प्रमाणित किया जाता है कि सुश्री / श्री / श्रीमती / डॉ / प्रो.....**आभा तिवारी**.....


महाविद्यालय / विश्वविद्यालय ..**डी. पी. विप्र स्ना. को. महा. बिलासपुर**.....

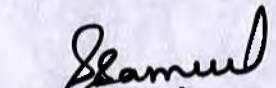
ने "राष्ट्र विकास के विविध आयाम" विषय पर आयोजित राष्ट्रीय शोध संगोष्ठी में.....**प्रतिभागी**.....

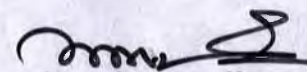
के रूप में सहभाग किया। आपने **श्रमिक चलायन** के सामाजिक एवं आर्थिक प्रभाव.....

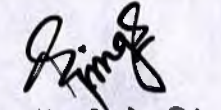
.....शीर्षक पर अपना शोध पत्र / पोस्टर प्रस्तुत कर संगोष्ठी को गरिमामय बनाया है।

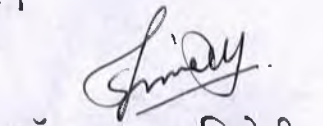
आपकी बौद्धिक सक्रियता संस्तुत्य है। हम आपके उज्ज्वल भविष्य की कामना करते हैं।


डॉ. किरण ठाकुर
सचिव


डॉ. सुजाता सेमुअल
सहसचिव


प्रो. राजेश चतुर्वेदी
संयोजक


डॉ. डी.के. सिंह
सह संयोजक

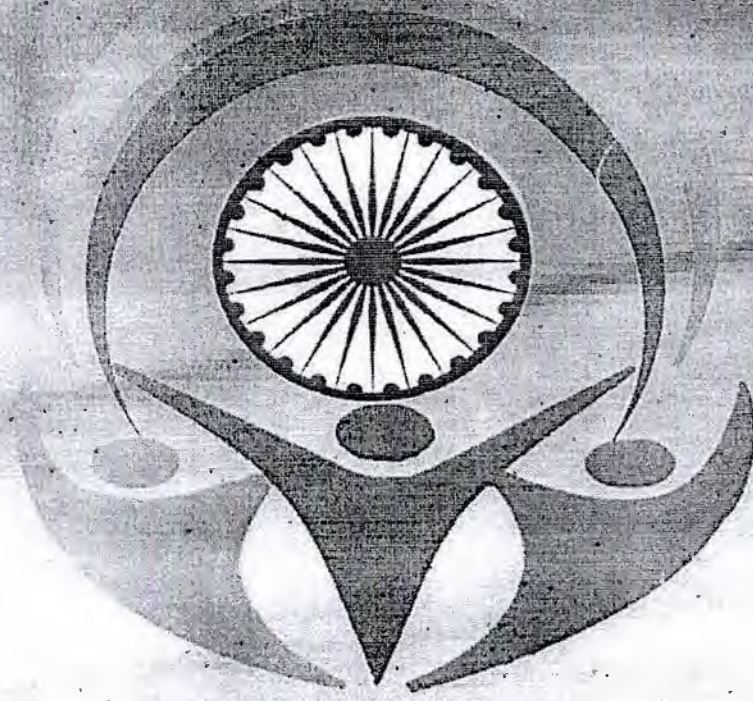

डॉ. एस.एम. तिमोथी
प्राचार्य/संरक्षक

अंक 276 वर्ष 57

भाषा

जनवरी-फरवरी 2018

प्रवासी साहित्य विशेषांक



सत्यमेव जयते



एक कदम स्वच्छता की ओर

केंद्रीय हिंदी निदेशालय
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23



24. समकालीन प्रवासी महिला कथा-लेखन पर एक दृष्टि	डॉ. रमेश तिवारी	129
25. स्मृतियों के झरोखे से	शकुंतला बहादुर	134
26. मॉरिशस की प्रथम प्रवासी पत्रिका 'दुर्गा'	सोना पाठक	137
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कनाडा का प्रवासी साहित्य और स्नेह ठाकुर

डॉ. सुरुचि मिश्रा

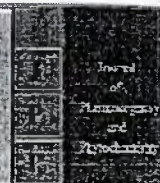
कनाडा में हिंदी साहित्य एवं पत्र-पत्रिकाओं की स्थिति उल्लेखनीय है। इस दिशा में 'हिंदू इस्टीमेट ऑफ लर्निंग' जैसी अनेक संस्थाओं की भूमिका अत्यंत महत्वपूर्ण है। हिंदी पत्रिकाओं में रघुवीर जोशी 'विश्व भारती' और हिंदी त्रैमासिक पत्रिकाओं में स्नेह ठाकुर वसुधा का महत्वपूर्ण स्थान है। 'हिंदी पत्रिका' कनाडा की हिंदी कवियों में स्नेह ठाकुर, श्री गौरीशंकर आदेश, डॉ. गौतम सचदेव, अभिनव शुक्ल आदि विशेष रूप से चर्चित हैं। हिंदी के लिए यह गौरव का विषय है कि आज हिंदी लेखन न केवल भारत में अपितु विश्व के अनेक देशों में गतिमान है। मॉरिशस, फ्रांस, पुर्तगाल आदि देशों में भारतीय मूल के लोगों की संख्या लाखों में है। इसके अतिरिक्त मलेशिया, ब्रिटेन, जर्मनी, स्वीडन, डेनमार्क, कनाडा आदि देशों में भी आप्रवासी भारतीय लेखकों ने अपना स्थान बनाया है।

कनाडा के यशस्वी रचनाकारों का सर्जनात्मक लेखन को क्षेत्र में महत्वपूर्ण योगदान है। इनमें श्रीमती स्नेह ठाकुर का सदैव यह प्रयत्न रहा है कि भारतीय मूल के लोग अपनी संस्कृति एवं परंपराओं च्युत न हो सकें, अपितु उसके प्रति जागरूक बने रहें। कनाडा में विशेष रुचि लेने के साथ-साथ उन्होंने साहित्य की लगभग प्रत्येक विधा में लेखन किया है। उनके इन्हीं आग्रहों पर कनाडा की 'इंटरनेशनल सोसायटी ऑफ वाचमैन' की ओर से तथा अमेरिका की हिंदू यूनिवर्सिटी कॉलेजोर्निया संस्थान की ओर से उन्हें सम्मानित किया जा चुका है। वसुधा उनकी बहुत लोकप्रिय पत्रिका है, जो उन्होंने स्वयं संपादित एवं प्रकाशित की है। यह नियमित रूप से 14 साल से विश्व के कई देशों में

भेजी जा रही है। यह पत्रिका अपनी बौद्धिक संपदा में कनाडा और भारत में सेतु का कार्य कर रही है।

स्नेह ठाकुर भारतीय मूल की हैं। वर्तमान में कनाडा की प्रवासी हैं। श्रीमती स्नेह ठाकुर ने भारत, इंग्लैंड एवं कनाडा में अध्ययन किया है। स्नेह ठाकुर के पिता पुलिस में अधिकारी थे। विभिन्न स्थानों पर स्थानांतरण होते रहने के कारण उन्होंने कई स्थानों पर अध्ययन किया। भारत के कई क्षेत्रों में प्रवास एवं शिक्षण किया है। स्नेह जी की प्रारंभिक शिक्षा हिंदी माध्यम में हुई। इनका जन्म 1942 चित्रकूट में हुआ था। वर्तमान में कनाडा में रह रही हैं। अपने स्कूली शिक्षाकाल में इन्होंने लेख प्रारंभ कर लिया था। शिक्षा-दीक्षा के बाद इनका विवाह ठाकुर साहब से हुआ। उनके साथ वे लंदन चली गईं। उन्होंने वहाँ शिक्षिका के रूप में कार्य किया। इसके पश्चात् वे अपने पति के साथ कनाडा चली गईं और वर्तमान में अपने पति और दो पुत्रों के साथ कनाडा में ही निवास कर रही हैं।

स्नेह जी का परिवार आधुनिक विचारों का था। अतः उनके पिताजी का मानना था कि लड़कियों को लड़कों की तरह शिक्षित होना चाहिए। स्नेह ठाकुर एक सहज, संस्कारक्षम एवं संवेदनशील महिला हैं। कनाडा में रहते हुए भी वे भारतीय संस्कृति एवं मूल्यबोध से पूरी तरह जुड़ी हुई हैं। उनकी आत्मा भारत में बसती है। उन्होंने अनेक देशों का भ्रमण किया। इंग्लैंड, अमेरिका, कनाडा, स्विट्जरलैंड एवं जर्मनी का उन्होंने विधिवत बौद्धिक भ्रमण किया है। इस भ्रमण के पीछे उनका जिज्ञासु मन मानवता की दृष्टि से विश्व को निहारने के लिए प्रयत्नशील रहता है। भारत के प्रति उनका समर्पण उन्हीं के शब्दों में इस प्रकार है—



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Phytochemical analysis of different parts of *Achyranthes Aspera*

Prachi Tiwari, Pooja Gond and Satyendra Koshale

Abstract

The qualitative study of *Achyranthes Aspera* reveals that the presence of number of secondary metabolites. Active component of different parts of *Achyranthes aspera* was extracted by two methods i.e. shaking and boiling. As plant extract contain several secondary metabolites so the extract was used for different test. Test was performed using both extract prepared by shaking and boiling method and documented. Steroid was found to be absent in all extracts prepared by using solvents (methanol, ethanol, acetone, water and diethyl ether) by both methods. Tannin is present in shoot and root of several extracts isolated by different solvent using shaking as well as boiling method. Terpenoid is absent in all part of the plant. Alkaloid is present in methanolic, ethanolic and water extracts of both methods. Phenol was absent in all extract made by shaking method and present in extract using methanol, ethanol and water as solvent and using boiling method. Leaf and inflorescence contain flavanoid. Saponin was present in root and stem parts by shaking method where as it was found in leaf and inflorescence extract by boiling method. Coumarin was found in all extract except diethyl ether. The phytochemical studies with solvent i.e. methanol, ethanol, acetone, diethyl ether and water extracts of various parts of the plant by shaking and boiling method showed to possess secondary metabolites. Medicinal plants have received great attention as potential antiperoxidative agent. Plant products are also known to their protective effects by scavenging free radicals and modulating carcinogen detoxification and antioxidant defence system. The qualitative study of *Achyranthes Aspera* reveals that the presence of number of secondary metabolites.

Keywords: *Achyranthes Aspera*, Secondary metabolites, solvents.

Introduction

Nature is a source of medicinal agents for thousands of years and an impressive number of modern drugs have been isolated from natural sources. Plant-derived substances have recently become a great interest owing to their versatile applications. *Achyranthes aspera* is a perennial herb belonging to the family of Amaranthaceae (Hossain *et al.* 2013) [1]. It is known as "Prickly chaff flower" in English and "Chirchita", "Onga", "Latjeera" or "Apamarga" in local language (Hasan 2014) [2]. It is an erect, annual herb, distributed in the hilly districts of India (Londonkar *et al.* 2011) [3]. The medicinally active plant compounds are usually their secondary metabolites like terpenoids, quinones, flavonoids, tannins etc that are responsible for protecting the plants from microorganisms, insects and other natural pests. *Achyranthes aspera* was reported to contain many phytochemicals like alkaloids, flavonoids, tannins, terpenoids, saponins, glycosides, steroids (yalavarthi *et al.* 2013) [4].

Materials and Methods

Collection of plant material

The fresh, healthy, mature plants were collected from roadside area of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). The plant materials were identified, on the basis of flower and inflorescence part of *Achyranthes Aspera*. The leaves, stem and roots were washed and used for the present study.

Preparation of plant extract

The fresh plant parts (leaf, inflorescence, stem and root) were collected and washed with tap water. The sample were dried under sunlight for two days after that partially dried root, shoot, and inflorescence were dried in hot air oven at 50 °C for 24, 24 and 6 hour respectively. The dried plant material was powdered with mixer grinder and stored in air tight poly bags for further use.

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Synthesis and Luminescence Characterization of $\text{LaBO}_3:\text{Dy}^{3+}$ Phosphor for Stress Sensing Application

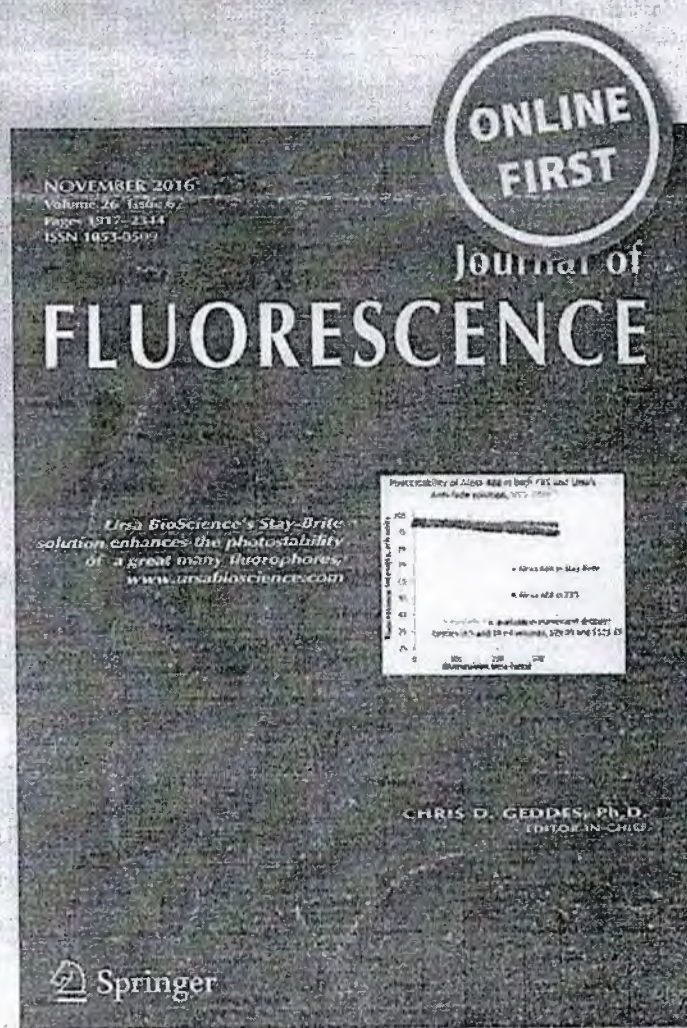
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Synthesis and Luminescence Characterization of $\text{LaBO}_3:\text{Dy}^{3+}$ Phosphor for Stress Sensing Application

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Abstract $\text{LaBO}_3:\text{xDy}^{3+}$ ($\text{x} = 0.05$ mol%, 0.1 mol%, 0.2 mol%, 0.5 mol%, 1 mol% and 2 mol%) phosphors were synthesized by solid-state reaction method. X-ray diffraction technique was used to confirm the formation of compound. Photoluminescence emission spectra shows two emission peaks at 470 nm and 575 nm when excitation wavelength is set at 352 nm. Photoluminescence intensity increases upto 1 mol % of Dy^{3+} and then starts decreasing. Dipole-dipole interaction is found to be responsible for concentration quenching of photoluminescence intensity. Commission Internationale de l'Eclairage (CIE) chromaticity diagram demonstrates that the phosphor emits in bluish white region of the visible spectrum. Critical energy transfer distance between dopant ions was determined. The mechanoluminescence characteristics were studied by the impact method. The peaks of both the mechanoluminescence (ML) intensity and the total ML intensity of the UV exposed phosphors increases with increasing impact velocity for 1 mol % concentration of Dy^{3+} . The ML sensitivity of the $\text{LaBO}_3:\text{Dy}^{3+}$ ($\text{Dy}^{3+} = 1$ mol %) phosphor is comparable with the reported ML of various inorganic phosphors. The thermoluminescence characteristics of the samples were also investigated. Thermoluminescence glow peaks were recorded with 480 Gy, 80 Gy and 20 Gy dose of γ -irradiation from Co^{60} source. TL trapping parameters were determined by

Chen's peak shape method and glow curve deconvolution method. $\text{LaBO}_3:\text{Dy}^{3+}$ phosphors were found to be good mechanoluminescent materials and can be used in stress sensing application.

Keywords $\text{LaBO}_3 \cdot \text{Dy}^{3+}$ · Mechanoluminescence · Orthoborates · Thermoluminescence · Photoluminescence

Introduction

The remarkable properties and potential applications of lanthanum orthoborate (LaBO_3) compound have aroused researchers' interest for many decades. LaBO_3 doped with different rare earth ions are promising materials for application in lighting and display devices. LaBO_3 doped with alkaline and other metals are also studied as solid state proton conductors. They provide favorable magnetic properties for various applications. Additionally, they possess high VUV transparency and exceptional optical damage when they compose with rare earth elements. The rare earth orthoborates are also good luminescent materials as they exhibit low toxicity, strong luminescence intensity, high chemical stability and exceptional optical damage threshold [1, 2].

In 1961 Levin et al., proposed that, depending on the rare earth elements, the structures of the rare earth borates are immensely linked with the three crystalline forms of CaCO_3 , that are aragonite, vaterite and calcite types [3]. The light weight rare earth orthoborates display the aragonite type structure and the heavy elements of the lanthanide group demonstrate vaterite type structure. Nevertheless, five crystal structures (based on previously described crystalline forms) of the rare earth orthoborates are known: the hexagonal vaterite type (space group $P6_3/m$, No. 176) [4, 5], the orthorhombic aragonite type ($Pn\bar{m}$, No. 62) [4, 6] the rhombohedral vaterite type

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Fuzzy-Word Based Cryptosystem

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ABSTRACT

A hard mathematical problem interacts with cryptosystem. As Factorization and Discrete Logarithm based cryptosystems are RSA and ElGamal respectively. This paper presents new hard problem as fuzzy-word computing and then its applies on cryptography.

Keywords: Factorization, Discrete Logarithm, RSA, ElGamal, Cryptosystem

I. INTRODUCTION

Information and mathematics are the two different words. But these two distinct words are adjoined in the year 1948, when C. E. Shannon presented the new idea as "A Mathematical Theory of Communication". This became a landmark of the existed world of electronic communication.

Nature is itself based on the communication by coding. The uniqueness is the leading reason behind this. The modern world is inspired by the nature and its elements. Various electronic devices are based on the natural examples.

This study deals with the security of the information by fuzzy theory. Security is essential in communication by the protocol agreement between sender and receiver. The message sends with any hard mathematical problem via network. The original message is called plaintext. This plaintext represents as the ciphertext by the algebraic operation. Later this ciphertext converts into the plaintext. The conversion depends on the keys. Sender uses the public key of receiver and receiver uses the private key of own. This system is called cryptography.

The information transmits with security by a single reason i.e. system consist the hard mathematical problem. This is one of the important applications of the pure mathematics. Number theory is one of the

purest branches of mathematics. Cryptography is one of the great modern applications of pure mathematics. Hence we are presenting a new dimension on cryptology interacted with fuzzy sets and logic. Next section is based on the review of literatures.

II. Literature Review

Zadeh [1] introduced the fuzzy as the new set in 1965. This set fulfils all the basic rules of the classical set theory. The new set theory is established by membership function. This is the set based on the classes. In 1979, he [2] presented the theory of reasoning. This is an approximation over the set. Another fundamental work came in the year 1983 when he [3] proposed some dimensions for the natural languages. The computational aspects for the languages are represented by the fuzzy quantifiers.

In 1972, De Luca et al [4] gave the definition of entropy in fuzzy set theory. A non-probabilistic concept is applied in fuzzy set.

Baruah [5] put another function called reference function in 1999. It is based on fuzzy membership and its subsets. In 2011, he [6] developed a field theory for the fuzzy sets. All the algebraic extension is defined on this theory. In the same year he [7] reviewed the fuzzy set theory via the basic structure of the classical set theory. The belief and realities are demonstrated in this article. This was the fruitful year of research for Baruah.

बाजार और राजकीय हस्तक्षेपी आवश्यकता

सार -

बाजार मांग और पूर्ति शक्तियों के आधार पर कीमतें निश्चित करती हैं। परन्तु जैसा कि माइकल लिप्टन ने उल्लेख किया है- "उचित कीमतों को निर्धारित करना राजकीय-हस्तक्षेप के कारण कीमतों के निर्धारण से बिल्कुल भिन्न है। जाहिर है कि राज्य का कार्य उचित कीमतें निश्चित करना है ताकि संसाधनों के आबंटन के लिए उचित संकेत दिए जा सकें किन्तु राज्य-विफलताओं के कारण सभी परिस्थितियों में बाजार के प्रयोग को न्यायोचित नहीं समझा जा सकता। यह बिल्कुल संभव है कि बाजार-विफलताओं को दुरुस्त करने के लिए नीतियों में परिवर्तन किए जाएं या कड़े प्रशासनिक उपाए किए जाएं।"

बाजार-विफलताएं राज्य-हस्तक्षेप को अनिवार्य बना देती हैं ताकि बाजार-प्रक्रिया की अपूर्णताएँ ठीक की जा सकें। उदाहरणार्थ, बाजार मांग और पूर्ति शक्तियों के आधार पर कीमतें निश्चित करती हैं। परन्तु जैसा कि माइकल लिप्टन ने उल्लेख किया है- "उचित कीमतों को निर्धारित करना राजकीय-हस्तक्षेप के कारण कीमतों के निर्धारण से बिल्कुल भिन्न है। जाहिर है कि राज्य का कार्य उचित कीमतें निश्चित करना है ताकि संसाधनों आबंटन के लिए उचित संकेत दिए जा सकें किन्तु राज्य-विफलताओं के कारण सभी परिस्थितियों में बाजार के प्रयोग को न्यायोचित नहीं समझा जा सकता। यह बिल्कुल संभव है कि बाजार-विफलताओं को दुरुस्त करने के लिए नीतियों में परिवर्तन किए जाएं या कड़े प्रशासनिक उपाए किए जाएं।"

उपायों से एकाधिकार को तोड़ा जा सके और प्रतियोगिता को बढ़ाया जा सकें।

2) सार्वजनिक वस्तुओं अर्थात् शिक्षा और स्वास्थ्य में भी बाजार विफलता अनुभव की जाती है। इन क्षेत्रों में जब तक राज्य सरकार स्कूल, कॉलेज, विश्वविद्यालय प्राथमिक स्वास्थ्य केन्द्र और अस्पताल, स्थापित नहीं करती, तब तक कमजोर वर्गों की देखभाल करनी संभव नहीं।

3) बाजार विफलता आधार संरचना के क्षेत्रों अर्थात् सिंचाई, सड़कों, रेलों, टेली-संचार आदि में भी देखी जा सकती है। निजी क्षेत्र आधार संरचना का प्रयोग तो करना चाहता है, परन्तु आधार-संरचना में विनियोग करना नहीं चाहता, विशेषकर दूरदराज के इलाकों में, जहाँ इसकी प्रत्यादर बहुत ही कमी है।

अतः सामान्यतया सार्वजनिक क्षेत्र से

ही यह आशा की जाती है कि यह आधार संरचना कायम कर ऐसा वातावरण स्थापित करें जिसमें प्रत्यक्ष विनियोग सुविधाजनक रूप से किया जा सके। अब प्रश्न उठता है कि बाजार विफलताएँ राज्य-हस्तक्षेप को अनिवार्य बना देती हैं, ताकि बाजार प्रक्रिया की अपूर्णताएँ ठीक की जा सकें। उदाहरणार्थ-बाजार मांग और पूर्ति शक्तियों के आधार पर कीमतें निश्चित करती हैं।

परन्तु जैसा कि माइकल लिप्टन ने

उल्लेख किया है- उचित कीमतों को निर्धारित

करना राजकीय-हस्तक्षेप के कारण कीमतों के निर्धारण से बिल्कुल भिन्न है। जाहिर है कि राज्य का कार्य उचित कीमतें निश्चित करना है ताकि संसाधनों के आबंटन के लिए उचित संकेत दिए जा सकें। किन्तु राज्य-विफलताओं के कारण सभी परिस्थितियों में बाजार के प्रयोग को न्यायोचित नहीं समझा जा सकता। यह बिल्कुल संभव है कि बाजार-विफलताओं को दुरुस्त करने के लिए नीतियों में परिवर्तन किए जाएं या कड़े प्रशासनिक उपाए किए जाएं।"

इससे यह बात साफ हो जाती है कि

यदि बाजार का प्रयोग विस्तृत रूप से भी करना है तो इससे राज्य के कार्यभाग को समाप्त नहीं किया जा सकता। न्यूनतम राजकीय हस्तक्षेप के पक्ष में तर्क देने की अपेक्षा कहीं बेहतर है कि प्रभावी राजकीय हस्तक्षेप के पक्ष में तर्क दिया जाए। विश्व बैंक रिपोर्ट (1999-2000) में भी उल्लेख किया गया कि विकास संबंधी विचारों में जहाँ तक विनियामक क्षेत्र का संबंध है, विनियम की अपेक्षा प्रभावी विनियामक ढाँचे के विकास को केन्द्रीय महत्व दिया जाने लगा है।

संदर्भ-ग्रन्थ -

1. ग्रामीण विकास की फलेगशिप योजनाएँ छत्तीसगढ़ व्यावसायिक परीक्षा मण्डल अरिहंत प्रकाशन रायपुर (छ.ग.) लेख क्र 20
2. छत्तीसगढ़ जनमत मासिक परीक्षा "अंकुर"
3. अप्रैल 2012 ए नेशनल इंफार्मेटिक्स सेंटर छ.ग. रायपुर (छ.ग.)

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FOLK ELEMENT IN HABIB TANVIR'S 'AGRA BAZAR'

ABSTRACT:

By using a mix of educated, middle-class, urban actions and more or less illiterate folk and street artist from the village, what Habib Tanvir, in a highly interesting (and, for its time, revolutionary) artistic strategy, put on the stage, was not the socially and architecturally walled - in his space of a private dwelling, but a bazar, a marketplace with all its noise and bustle, its instances of solidarity and antagonism and above all with all its sharp social, economic and cultural polarities. The play 'Agra bazaar' foregrounds a poetry that takes ordinary people (their lives and their struggles) as both its inspiration and its addressee. It uses example of Nazir's poetry and his plebeian appeal to challenge orthodox elitist literary canons.

Pathbreaker, master satirist, legendary actor, poet and a theatre director, Habib Tanvir, had pushed the boundaries of theater in India for over more than 40 years. His fame as a playwright and director is legendary. He had worked extensively with the folk forms and actors of Chhattisgarh. He can be regarded as one of the pioneers of the interest in folk forms and traditions of performance. Nonetheless, his approach to folk culture distinguishes itself sharply from that of many others in contemporary theatre.

Habib Tanvir's fascination with the "folk" is not motivated by a revivalist or an antiquarian impulse. It is based, instead, on an awareness of the tremendous creative possibilities and artistic energies inherent in these tradition. He does not hesitate to borrow themes, techniques and music from them, but also desist from the impossible task of trying to resurrect old traditions in the original form and also from presenting them as stuffed museum pieces. Notwithstanding a popular misconception, his theater does not

belong within any one form or tradition in its entirety or purity. In fact, as he is quick to point out, he has not been "running after" folk forms as such at all but only after folk performers who brought their own forms and styles within them. The performance style of his actors is no doubt, rooted in their traditional nacha background, but his plays are not authentic nacha productions. His plays are neither purely ornamental in function, nor are they formally autonomous units inserted into a loose collection of separate skits. On the contrary, they are closely woven into the fabric of the action and function as an important part of the total thematic and artistic structure of the play.

"Today the folk theatre in India will have songs and music in a very fine or didactic way of preaching and teaching, to say that such and such a thing is bad and you must give it up..... Brecht uses music, as you well know in a very, very incisive way a thought-provoking way. He will have one song in a play and another song contradicting it so that between the

two forces you can arrive at your own conclusion" ...1

"So, I in my own theatre, Naya theatre, draw a lot of inspiration from the folk techniques, including actual folk actors from India, rural actors who are, by and large, not educated, who can't read and write. Many are tribals, people of the jungle, very primitive can't read and write but have got great abandon. They sing and dance and act in so inhibited a way like no middle class educated actor can act. They have got their own middle-class inhibition, they are cramped by the education system, whereas these chaps are exuberant"....2

Habib Tanvir's Urdu play 'Agra Bazar' was first written and performed in 1954. It was revived in the 70s in Tanvir's Naya Theatre (Delhi) and became a success together with his other folk inspired works: The focus of the play is the urdu poet "Nazir" Akbarabadi, who never appears on stage, but whose twenty- some poems are sung and recited at relevant points in the course of the play. Nazir, unlike most urdu poets of his day, wrote in an

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बिलासपुर संभाग में वन

FORESTS IN BILASPUR DIVISION

सार -

वन प्रकृति द्वारा किया गया निःशुल्क उपहार है जो कि धरातल पर प्राकृतिक रूप से उगने वाली घास, पेंड, कटीली झाड़ियाँ ये सभी वन के अन्तर्गत आते हैं। वन आदिकाल से ही धरातल पर पनपती रही है तथा मानव ने जन्म के इसका उपयोग प्रारम्भ कर दिया है। छत्तीसगढ़ राज्य वनों की दृष्टि से सम्पन्न राज्य की श्रेणी में आता है जो कुल भौगोलिक क्षेत्रफल का 43.85 प्रतिशत भाग वनों से घिरा है जबकि बिलासपुर संभाग में इसकी तुलना में कम वन मिलता है अर्थात् संभाग में 33.06 प्रतिशत ही वन आच्छादित हैं इस कमी को दूर करने के लिए अधिकाधिक वन नीति का पालन कर वन का संरक्षण एवं वन वृद्धि की दिशा में जन-जागरण की आवश्यकता है जिससे संभाग में वनों का विस्तार के साथ-साथ संवर्धन अवधारणा एवं पर्यावरणीय संतुलन की सार्थकता सिद्ध हो सकेगा।

प्रस्तावना:- (INTRODUCTION)

वन बिलासपुर संभाग की महत्वपूर्ण प्राकृतिक सम्पदा है वन से हमारा तात्पर्य उन पेड़ पौधों से है जो स्वतंत्र रूप से धरा पर उगते, बढ़ते एवं विनष्ट होते रहते हैं। यह प्राचीन समय से ही मानव के लिए आकर्षण का केन्द्र था। जब मानवीय संस्कृतियाँ यहाँ रची बसी रही। समय चक्र के प्रभाव से आधुनिक युग को हम अग्रसर हुए। जिससे हमारा जीवन यापन के तरीकों में विस्तार हुआ। छत्तीसगढ़ वनों की दृष्टि से सम्पन्न राज्य की श्रेणी में आता है। कुल भौगोलिक क्षेत्रफल का 43.85 प्रतिशत भाग वनों से आच्छादित है। जबकि बिलासपुर संभाग में यह प्रतिशत 33.06 है जो कि राज्य से 10.79 प्रतिशत कम है। वनों के वितरण में मानसूनी जलवायु एक महत्वपूर्ण कारक के रूप में पाई जाती है। जहाँ तापमान एवं वर्षा भी वनों के विकास में सहायक है। यहाँ मूलतः आर्द्र व शुष्क चौड़ी पत्ती वाले मिश्रित वनों का विस्तार मिलता है जो अपने संभाग के मध्य व उत्तरी पहाड़ी पठारी भागों में सुरक्षित है। जबकि दक्षिण के मैदानी भागों कृषि कार्य की अधिकता से वन

काटे जा चुके हैं फिर भी संभाग में आरक्षित वन लगभग 27.60 प्रतिशत एवं संरक्षित वन 72.40 प्रतिशत आच्छादित है।

उद्देश्य (OBJECTIVE)

- (1) बिलासपुर संभाग में वनों के वितरण को स्पष्ट करना।
- (2) संभाग के वन उत्पाद की विभिन्नता का परीक्षण करना।
- (3) संभाग के वनों का मानवजीवन के प्रभाव एवं महत्व को आकलन करना भी एक उद्देश्य है।

अध्ययन क्षेत्र (STUDY AREA)

बिलासपुर संभाग छत्तीसगढ़ राज्य के ऊपरी मध्य भाग में स्थित है। यहाँ की कुल भौगोलिक सीमा 21°22' उत्तरी अक्षांश से 23°8' उत्तरी अक्षांश तक तथा 81°4' पूर्वी देशान्तर से 83°49' पूर्वी देशान्तर के मध्य है। इसका कुल क्षेत्रफल 25,809 वर्ग किलोमीटर तथा कुल जनसंख्या 69,83,960 है। संभाग का अधिकतर भाग महानदी बेसिन के अन्तर्गत आता है, जहाँ प्रमुख कार्य-कृषि है

इसके अतिरिक्त वनांचल क्षेत्र में वन उत्पन्न से अपने जीवकोपार्जन सम्पादित करते हैं। इसके अंतर्गत मुख्यतः बिलासपुर, गौरेला, पेंड व मरवाही, मुंगेली, जाँजगीर-चोंपा कोरबा व रायगढ़ जिले आते हैं जिसमें वनों का कुल क्षेत्रफल 8531 वर्ग किलोमीटर है।

आंकड़े एवं विधितंत्र (DATA BASE & METHODOLOGY)

प्रस्तुत अध्ययन द्वितीय आँकड़े पर आधारित है, जो कि भारत वन स्थिति रिपोर्ट 2011 पर आधारित है। जिसमें जिले के आँकड़ों को इकाई मानकर अध्ययन किया गया है और आवश्यकतानुसार मानचित्र द्वारा विश्लेषित किया गया है।

वनों का वर्गीकरण (CLASSIFICATION OF FOREST)

वनों के आर्थिक महत्व के आधार पर एवं वन प्रबंधन के लिए भारत सरकार द्वारा पहली बार 1898 में राष्ट्रीय नीति बनायी गई जिसके अंतर्गत वन संरक्षण संवर्धन व अनुकरण के कार्यक्रम निर्धारित किये गए हैं।

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आर्थिक एवं व्यावसायिक गतिशीलता (गोंड जनजातियों के विशेष संबंध में)

सार -

व्यवसाय मानव द्वारा अपने जीविकोपार्जन के लिए किया जाने वाला उद्यम, पेशा या कार्य का प्रकार है। व्यवसाय से जनसंख्या संबंधी स्थिति का बोध होता है। इसके कार्यशील वर्ग के विभिन्न सांस्कृतिक गुण विकसित होते हैं। जनजातियों में यह विशेष रूप से महत्वपूर्ण है क्योंकि उनकी संस्कृति परम्पराओं का व्यक्ति द्वारा जीविकोपार्जन हेतु किये जाने वाले प्रयासों पर विशेष प्रभाव पड़ता है सभी देशों में एक व्यक्ति का सामाजिक स्तर उसके व्यवसाय से ही प्राप्त होता है। जिसके द्वारा वह अपनी जीविकोपार्जन करता है। किसी भी क्षेत्र की जनसंख्या की व्यावसायिक संरचना कई कारणों की परिणति है। किन्तु इस क्षेत्र के प्राकृतिक संसाधन व्यावसायिक संरचना के लिए आधार निर्मित करते हैं।

व्यवसाय मानव द्वारा अपने जीविकोपार्जन के लिए किया जाने वाला उद्यम, पेशा या कार्य का प्रकार है। व्यवसाय से जनसंख्या संबंधी स्थिति का बोध होता है। इसके कार्यशील वर्ग के विभिन्न सांस्कृतिक गुण विकसित होते हैं। जनजातियों में यह विशेष रूप से महत्वपूर्ण है क्योंकि उनकी सांस्कृतिक परम्पराओं का व्यक्ति द्वारा जीविकोपार्जन हेतु किये जाने वाले प्रयासों पर विशेष प्रभाव पड़ता है सभी देशों में एक व्यक्ति का सामाजिक स्तर उसके व्यवसाय से ही प्राप्त होता है। जिसके द्वारा वह अपनी जीविकोपार्जन करता है। किसी भी क्षेत्र की जनसंख्या की व्यावसायिक संरचना कई कारणों की परिणति है। किन्तु इस क्षेत्र के प्राकृतिक संसाधन व्यावसायिक संरचना के लिए आधार निर्मित करते हैं। इस प्रकार व्यावसायिक संरचना से किसी समाज के निवासियों का रहन-सहन एवं जीवन-यापन के स्तर का अनुमान लगाया जा सकता है। इनका आर्थिक, सामाजिक एवं धार्मिक ऐसी निरंतर रीति है जिन्हे अलग करके नहीं समझा जा सकता ये लोग अनेक तरीके व रीतियों से अपना भरण-पोषण करते हैं। गोंड जनजाति का आर्थिक जीवन अति आदिम सा था। मुख्यतः यह जनजाति कृषि और अपना

श्रम बेचकर अपनी जीविकोपार्जन करते हैं। "वारी" नामक खेती प्रमुख रूप से किया जाता है सरसों, साग-सब्जी व तम्बाकू आदि के खेती इनके द्वारा की जाती है इन वस्तुओं का ये स्वयं सेवन करते हैं तथा बाजार में विक्रय (बेचते) करते हैं।

"कोदो" और "कुटकी" नामक धान की खेती भी ये लोग पर्याप्त मात्रा में करते हैं तथा इसका उपयोग प्रमुख भोजन के रूप में भी करते हैं। कृषि कार्य से अवकाश के समय जंगल से फलफूल, कंदमूल आदि एकत्रित कर अपनी जीविका अर्जन करने का प्रयत्न करते हैं। गोंड प्रकृति से ही निर्भर होते हैं तथा शिकार करके भी अपना जीवन यापन करते हैं। कुछ गोंड सूत काटने, रेत का काम, मिट्टी के बर्तन और धातु का काम भी करते हैं। पीपल और कोहला नामक पत्ती का ये लोग सब्जी के रूप में सेवन करते हैं।

कृषि रचना :-

कृषि जनजातिय अर्थव्यवस्था का मुख्य आधार है। सुदुर अंचलों में बसी जनजातियों के लिए कृषि क्षेत्र का महत्व और अधिक इसलिए बढ़ जाता है क्योंकि यह समाज प्रगति के क्षेत्रों से वर्षों तक अछूता रहा है।

फलस्वरूप इन्हें अन्य क्षेत्रों में गतिशील होने के अवसरों का अभाव निरंतर बना रहा है। स्वतंत्रता के बाद शासन ने आदिवासी विकास परियोजनाओं के माध्यम से कृषि विकास हेतु राखत कदम उठाये, फलस्वरूप इस समाज की कृषि संरचना में परिवर्तन परिलक्षित हुये है। किन्तु भिन्न-भिन्न जनजातियों में ये परिवर्तन समान नहीं हैं। साथ ही एक पीढ़ी पूर्व एवं वर्तमान की कृषि संरचना में काफी विभिन्नता है। पूर्व में परंपरागत तरीके से कृषि की जाती थी किन्तु वर्तमान में आधुनिक तरीके से कृषि कार्य किया जाता है।

वनोपज संग्रहण :-

गोंड जनजाति में वन संसाधन का महत्वपूर्ण स्थान है। वन संसाधन एवं आर्थिक व्यवस्था का अविभाज्य हिस्सा है। वनों से न केवल उन्हें भोजन, जलाऊ लकड़ी, आभ्रय, औषधि, पशुओं के घारे प्राप्त होते हैं। वन इससे भौतिक सुरक्षा व आत्मसंतोष मिलता है। किन्तु विगत वर्षों से वन विनाश से गोंड जनजाति का प्रमुख संसाधन कमजोर हुआ है। वर्तमान में वनों की पारस्परिक स्वतंत्रता एवं अधिकार भी छीन गये हैं, उससे उनकी सामाजिक एवं आर्थिक व्यवस्था विकृत हुयी

डा. साधना सोम, सहायक प्राध्यापक - समाजशास्त्र, डी.पी. विप्र महाविद्यालय, विलासपुर (छ.ग.)

‘पर्रा भर लाई’ : एक समीक्षात्मक विवेचन

सार -

‘पर्रा भर लाई’ छत्तीसगढ़ी गाँव और किसान के जीवन के अन्तर्भावनाओं का अकृत्रिम स्वर कहा जा सकता है, जिसमें राष्ट्रीय चेतना के साथ ही धरती के प्रति प्रेम और संघर्षों के बावजूद कर्म और परम्परा के प्रति निष्ठा के भाव मुखर हैं। पद्मश्री पं. श्यामलाल चतुर्वेदी जी उन रचनाकारों में से एक हैं जो एक ओर तो गांधीवादी प्रभाव के कारण राष्ट्रीय सामाजिक आदर्शों के समर्थक हैं और दूसरी ओर जनपदी आंचलिक जन-जीवन से गहराई से जुड़े होने के कारण वहाँ के निवासियों के दुख-सुख के प्रत्यक्षदर्शी साक्षी हैं। उदात्त संवेदनशीलता के कारण नगरीय ज्ञान के अहंकार में किसान-किसानियों के दैनंदिन जीवन तथा उनकी संघर्षों और अभावों से जूझती जिन्दगी के अकृत्रिम चित्रों को उन्होंने किसी भी प्रकार से विकृत नहीं होने दिया। ऐसा प्रतीत होता है जैसे छत्तीसगढ़ी किसानों की आत्मा पं. चतुर्वेदी जी में इतनी रच-बस गई है कि इन स्वरों को उनसे अलग नहीं किया जा सकता।

पद्मश्री पं. श्यामलाल चतुर्वेदी मूलतः पत्रकार थे। शिक्षक, समाजसेवी, कतिपय संस्थाओं में, प्रशासनिक कार्यों में भी संलग्न रहे। छत्तीसगढ़ी राजभाषा आयोग के प्रथम अध्यक्ष रहे जहाँ उन्हें छत्तीसगढ़ सरकार ने कैबिनेट मंत्री का दर्जा भी दिया था। उनका एक कवि एवं साहित्यकार का रूप सर्वोपरि रहा। छत्तीसगढ़ी बोली पर उनका जो अधिकार था वह अभूतपूर्व था। छत्तीसगढ़ी साहित्य का चलता फिरता शब्दकोश माने जाने वाले चतुर्वेदी जी ने छत्तीसगढ़ में साहित्य और पत्रकारिता के क्षेत्र में अलख जगायी। इसलिये साहित्य और पत्रकारिता के क्षेत्र में भारत सरकार द्वारा पद्मश्री अलंकरण से नवाजा गया था।

‘पर्रा भर लाई’ पं. चतुर्वेदी जी का छत्तीसगढ़ी काव्य संग्रह है। इसमें उनकी कुल बीस कविताएँ संग्रहित हैं। संग्रह का शीर्षक इतना सटीक है कि एक बार में ही यह रसका मन मोह लेता है। यह हमारे बाल्यकाल की स्मृतियों को ताजा कर देता है। उनमें श्रेष्ठ काव्य प्रतिभा विद्यमान है।

‘पर्रा भर लाई’ छत्तीसगढ़ी गाँव और किसान के जीवन के अन्तर्भावनाओं का अकृत्रिम स्वर कहा जा सकता है, जिसमें राष्ट्रीय चेतना के साथ ही धरती के प्रति प्रेम और संघर्षों के

बावजूद कर्म और परम्परा के प्रति निष्ठा के भाव मुखर हैं। पद्मश्री पं. श्यामलाल चतुर्वेदी जी उन रचनाकारों में से एक हैं जो एक ओर तो गांधीवादी प्रभाव के कारण राष्ट्रीय सामाजिक आदर्शों के समर्थक हैं और दूसरी ओर जनपदी आंचलिक जन-जीवन से गहराई से जुड़े होने के कारण वहाँ के निवासियों के दुख-सुख के प्रत्यक्षदर्शी साक्षी हैं। उदात्त संवेदनशीलता के कारण नगरीय ज्ञान के अहंकार में किसान-किसानियों के दैनंदिन जीवन तथा उनकी संघर्षों और अभावों से जूझती जिन्दगी के अकृत्रिम चित्रों को उन्होंने किसी भी प्रकार से विकृत नहीं होने दिया। ऐसा प्रतीत होता है जैसे छत्तीसगढ़ी किसानों की आत्मा पं. चतुर्वेदी जी से इतनी रच-पच गई है कि इन स्वरों को उनसे अलग नहीं किया जा सकता।

‘पर्रा भर लाई’ में एक ओर प्रकृति के विविध रूप-रंग और मौसम से सम्बन्धित रचनाएँ हैं, तो दूसरी ओर किसान के जीवन के सचित्र दृश्य। स्व. पद्मश्री पं. मुकुटधर पाण्डेय जो कि छत्तीसगढ़ के छायावादी कवि थे, उन्होंने लिखा था कि चतुर्वेदी जी प्रकृति के चतुर चित्ते हैं। स्वभाव चित्रण में विलक्षण हैं। ‘बेटी के विदा’ कविता इतनी मार्मिक है कि मुकुटधर पाण्डेय जी चतुर्वेदी जी को ‘बेटी के विदा’

वाले चतुर्वेदी जी कहकर सम्बोधित किया करते थे। वारत्तय में यह कविता हृदय स्पर्शी है। इस गीत में ‘बेटी के विदा’ की व्यथा कथा स्वरित है। संसार से विरक्त महर्षि कवि जय शकुन्तला की विदा बेला में आठ-आठ आंसू बहा सकते हैं, तब सामान्य जन-मन की यात ही क्या? यड़ा ही कारुणिक होता है यह प्रसंग। कुछ समय में बेटी विदा हो जायेगी, यह कल्पना ही हृदय को पीड़ा से भर देती है-

जबले अकती के लगिन सुनेव,
छाती हर मुकुर-मुकुर करधे।
मोर जबड़ गटारन कस आँखी,
अब कइसे मुकुर-मुकुर करधे।

(‘बेटी के विदा’ : पृष्ठ-9)

बेटी परधन है यह सभी जानते हैं बेटी एक दिन ससुराल जाती ही है यह भी निश्चित है, पर मन तो मन है, माने तब न-

ओइसे उन ठउका कहिधे,
कोनो हर ओतका नइ जानय ?

गुनघौं मन ला,
फेर धिटको कन न मानय।

(‘बेटी के विदा’ : पृष्ठ-10)

करुण रस की उपरलिखित बांकी झांकी के साथ ही प्रतीक्षारत नारी के वियोग-तप था भी निम्न पंक्तियों में साकार हो उठी है-

डॉ. सुषमा शर्मा, सहायक प्राध्यापक ‘समाजशास्त्र’ - डी.पी. विप्र महाविद्यालय, विलासपुर (छ.ग.)

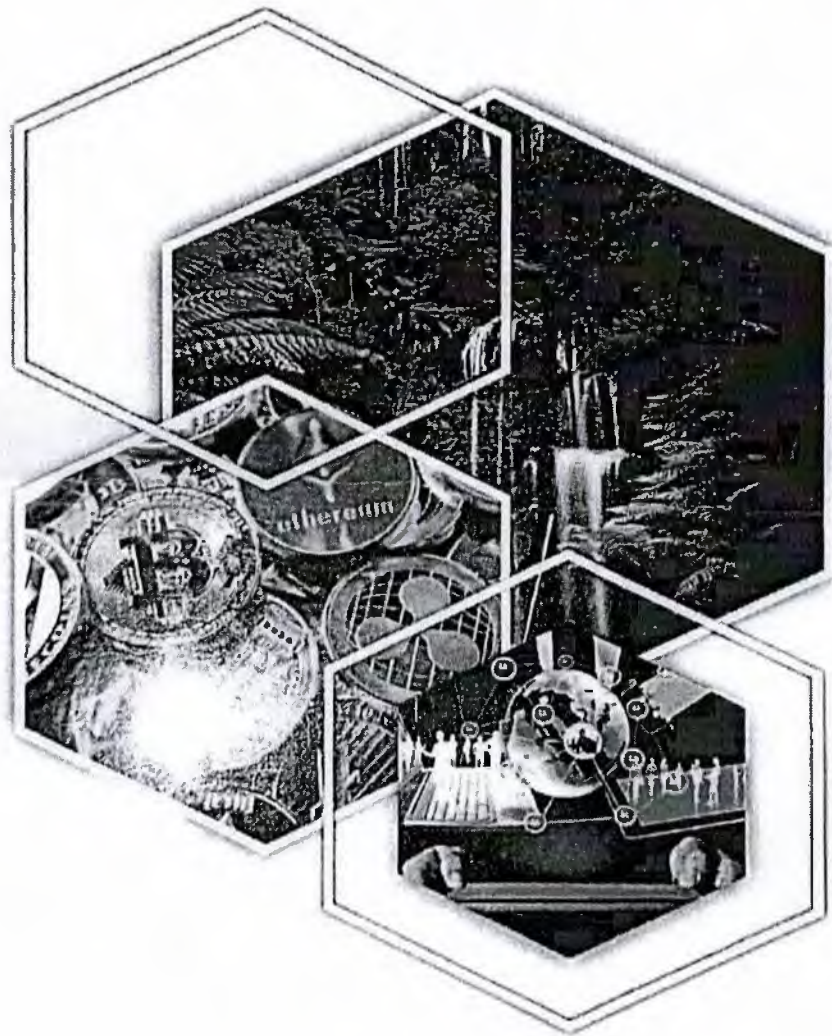
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ISOLATION OF KERATINOPHILIC FUNGI FROM SOIL SAMPLES OF FORM - YARDS AND CATTLE HOUSE IN BILASPUR, CHHATTISGARH

ABSTRACT:

Soil is well known to support the transient or ongoing existence of Keratinophilic fungi and potential sources of infection for humans and animals. During present study extensive survey of cattle house was made for the isolation and identification of ecologically important Keratinophilic fungi. This group of fungi has great importance due to its capability for degradation of keratin a complex animal protein, which is most abundant and highly stable material in soil environment. During course of present investigation different fungal species were isolated and identified. The species of *Trichophyton*, *Micrasporum*, *Chrysosporium*, *Aspergillus*, *fusarium* etc. are some of important isolates obtained with Vanbreuseghem's hair baiting techniques.

Keywords : *Fungal flora, Cattle House, Farm-yard, Keratinophilic fungi.*

Introduction -

Chhattisgarh state is known for the conditions of higher temperature which remains consistent around the year. Presently the state has major changes in maximum atmospheric temperature i.e. from 30°C-48°C causing a major impact on the live stock to keep the state under lower boundary for milk and animal protein production. In Low-land areas the higher values of mean annual temperature (28°C-30°C) declined milk producing buffalo population at an alarming rate and domestic cow is only economical option in hand of the local people. Department of Botany, C.M.D. College, Bilaspur, Chhattisgarh attributing higher concentration of Keratin waste and higher percentage of Keratinophilic fungi. There are hairs and various other remains like horn, hooves etc. in rural and urban areas spreading pathogenic fungi causing dermatosis in human beings. The ecological conditions ie.

humidity, temperature, rainfall, soil, pH and some biological factors create conditions that are favourable to the growth and distribution of Keratinophilic fungi (Ali Shafugel EL. 1989). The occurrence of Keratinophilic fungi in a considerable number is quite obvious in the farm-yard and cattle house. The plenty of Keratin waste found in the farm promoting the contamination and growth of Keratinophilic fungi. Al-Musallam A.A. 1989, Cooke W.B, Pipes W.O., 1976, Deshmukh S.K. 1985.

The soil constitutes one of the most complex microbial habitat in which many fungi complete their entire life cycle. Different soils have specific fungus floras, but the majority of species found in them are cosmopolitan (Ainsworth & Sussman 1968). Some soil fungi are potential pathogen to both human and animals. Soils that are rich in Keratinous materials are the most conducive for the growth and occurrence of Keratinophilic fungi

(Moallace&Jaini 2006). Several investigations have been conducted in various part of the country since four decades and showed that a rich variety of Keratinophilic fungal flora exists in the soils of studied area. However, there was no evidence of any study on microflora of Chhattisgarh state with particular interest on forest soil Ajello L. 1956.

Keratinolyticmycoflora love to grow on keratin materials such as skin, hair, nail, feather, horn, hooves, beak etc. They utilize Keratin as carbon source (Cooke 1980). Keratinophilic fungi an important ecologically presents in the environment with variable distribution patterns and cause human and animal mycoses (Mohammed et al. 2000). Most coetaneous infection are the work of homogenous group of Keratinophilic fungi known as dermatophytes (Boni, 1998). The dermatophytes have the capacity to invade keratinized tissue of the body including skin, hair, nails (Irene

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PHYSICO-CHEMICAL CHARACTERISTICS OF BANDIHAWA POND WATER OF KOTA

ABSTRACT:

The aim of this research is the study of different physico-chemical characteristics of Bandhwa pond water in relation to environmental parameters like temperature, Free CO₂, T. hardness, Ca-hardness, mg-hardness, PH, DO, were also measured during this study.

KEY WORDS : *Physico-chemical characters, and pond water*

INTRODUCTION

Water is a natural solvent. The chemical composition of natural water is derived from different sources of solute including gases, aerosols from atmosphere, weathering, erosion of rocks and soil solution and precipitation reaction occurring below land surface and form cultural effect relating from human activities.

Ecosystem are extremely dynamic and respond to even small changes in the environment. Water pollution can cause an entire ecosystem to collapse if left unchecked.

The maintenance of a healthy aquatic ecosystem is dependent on the physico- chemical properties of water and the biological diversity. A large number of streams and rivers in India have been impounded to store the water for multipurpose beneficial uses like irrigation, fisheries, power generation and drinking water supply.

The physico-chemical means are useful in detecting effects on pollution on the water quality but changes in the biotic community structure including species pattern distribution and diversity (Kaushik and saksena 1995) In the present

work. Bandhwa pond of kota tehsil is selected for physio chemical study it is a medium size of pond. The water of pond is used to domestic purpose, washing and bathing activity.

MATERIAL AND METHODS

The samples were analysed for physico-chemical parameters according to the standard methods. Water samples are collected monthly from the pond in the one litre plastic bottle before 09 AM. of the physico-chemical studies were done on the spot, while others were done in Laboratory according to American Public Health Association(APHA),

American water works Association(AWWA) and Water Pollution Control Federation(WPCF).

Temperature- Temperature of pond water was recorded by means of Celsius thermometer at the time of sampling and expressed in degree centigrade(C).

Hydrogen Ion Concentration (PH)- The PH of pond water was measured by PH meter in the laboratory.

Dissolved Oxygen(DO)- D.O. is determined by Azide modification of winkler method (APHA,AWWA,WPCF 1975).

Free Carbon Dioxide- Free CO₂, was determined by titrimetric method.

Table : Physico Chemical characteristics of pond water of Kota, Bilaspur (C.G.)

S.No.	Parameter	Months		
		July	August	September
1	Temperature	29.70	28.40	26.00
2	Ph	8.9	8.3	8.2
3	D.o.	5.4	5.8	6.8
4	Free co ₂	45.70	70.50	50.5
5	Hardness	180.60	160.90	155.50

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भारतीय प्रजातांत्रिक व्यवस्था में महिलाओं की भूमिका

उद्देश्य :-

- भारतीय प्रजातांत्रिक व्यवस्था में महिलाओं की भूमिका की विवेचना एवं विश्लेषण करना।

- भारतीय प्रजातांत्रिक व्यवस्था में महिलाओं की भूमिका में वृद्धि के सकारात्मक तथा प्रभावशाली कारकों की खोज करना।

की वर्ड :- प्रजातांत्रिक व्यवस्था, महिला राजनीतिक, सशक्तिकरण।

सारांश :- भारत को स्वतंत्र हुये सात दशक बीत चुके हैं और बीते दशक में अपनी गति को कायम रखते हुये परिवर्तन के नवीन आयामों को लाते रहते हैं। इस अवधि में समाज में बहुत कुछ बदला। स्वतंत्रता के बाद हमारे यहाँ जो प्रजातांत्रिक प्रणाली लाई गई वह व्यस्क मताधिकार पर आधारित है। नागरिकों को मिले समान अधिकारों के साथ ही भारतीय महिलाओं को समान शैक्षिक अवसर, संपत्ति और विरासत में बराबर का अधिकार प्राप्त हुआ। जिससे सामाजिक स्तर पर स्त्रियों की स्थिति में सुधार आया, लेकिन राजनीतिक मानचित्र फिर भी नहीं बदला। महिला सशक्तिकरण के संबंध में ऑफिस ऑफ यूनाइटेड नेशन हाई कमिशनर फार ह्यूमन राइट्स ने लिखा है कि "यह औरतों को शक्ति क्षमता तथा काबिलियत देता है ताकी वह अपने जीवन स्तर को सुधार कर अपने जीवन की दिशा को स्वयं निर्धारित कर सके। अर्थात् यह वह प्रक्रिया है जो महिलाओं को सत्ता की कार्यशैली समझने की न केवल समझ देता है अपितु साथ ही साथ सत्ता के श्रोतों पर नियंत्रण कर सकने की क्षमता प्रदान करता है।

अवधारणात्मक परिचय :-

दुनिया का कोई भी राष्ट्र तभी विकास के पथ पर अग्रसर हो सकता है, जब महिलाओं की पूरी क्षमता का उपयोग कर सकें। भारतीय समाज परंपरागत रूप से पद सोपानी समाज रहा है। जिसमें महिलाओं की स्थिति पुरुषों की अपेक्षा निम्न रही है। जिस प्रकार रथ के दोनों पहियें जब तक गति नहीं करते तब तक मंजिल तक पहुँचना मुश्किल होता है। उसी प्रकार समाज रूपी रथ के पहिये स्त्री-पुरुष जब तक समान रूप से गतिमान नहीं होंगे तब तक समाज का विकास अरांभव है।

राजनीति के क्षेत्र में लम्बे समय से पुरुषों का वर्चस्व कायम रहा है। महिलाओं की स्थिति की विवेचना करने के लिये 1971 में एक समिति गठित की गई थी। "टुवर्ड्स इक्विलिटी" शीर्षक से 1974 में प्रकाशित इस समिति की रिपोर्ट में कहा गया था कि संरचनागत तौर पर सबसे बड़ी अल्पसंख्यक होने के बावजूद राजनीति पर महिलाओं का अंतर

नाममात्र है। समिति ने सुझाव दिया कि इसका उपाय यही है हर राजनीतिक दल महिला उम्मीदवारों का एक कोटा निर्धारित करे और जब तक ऐसा ना हो एक उपाय के तौर पर समिति ने नगर परिषदों और पंचायतों में महिलाओं के लिये सीटें आरक्षित करने के लिये संविधान में संशोधन करने की सिफारिश की। सन् 1993 में 73 वें 74 वें संविधान संशोधन के माध्यम से ऐसा किया भी गया। पंचायती राज संस्थाओं में महिलाओं के लिये 33 प्रतिशत आरक्षण का प्रावधान महिला सशक्तिकरण का निर्णय प्रक्रिया में उनकी सहभागिता में वृद्धि की दिशा में एक क्रांतिकारी कदम था। बिहार और राजस्थान में इसे बढ़ाकर 50 प्रतिशत कर दिया गया है। पंचायतीराज व्यवस्था जो जमीनी प्रजातांत्रिक ढांचा निर्मित करती है, महिलाओं की भागीदारी को ग्रामीण संरचना में सकारात्मक परिवर्तन की दिशा में बढ़ाया। महिलाओं की पंचायत के माध्यम से विकास प्रक्रियाओं एवं निर्णय लेने की प्रक्रिया

में सहभागिता एक और प्रजातांत्रिक, राजनीतिक, सामाजिक न्याय तथा सच्चाता के मध्य संबंधों को अभिव्यक्त करती है तब दूसरी ओर प्रजातंत्र की जड़ों को मजबूत करता है। यह सर्व विदित सत्य है कि महिलायें वित्तीय संसाधनों का उचित प्रयोग करना भली भाँति जानती हैं और अपनी इस क्षमता का उनके उन्होंने गांव के वित्तीय संसाधनों को नियंत्रित और नियमित करने में किया है। पुरुष सत्तात्मक समाज में महिला के नेतृत्व का स्वीकार कर पाना आसान नहीं है और वह कारण है कि येन-केन-प्रकारेण महिला सत्ता को अविश्वास प्रस्ताव पारित कर हटाने का प्रयास भी किये गये। इस समस्या से निपटने के लिए 2008 में मध्य में केन्द्र सरकार ने राज्यों से यह सुनिश्चित करने को कहा कि महिला सरपंचों को डेढ़ साल से पहले अविश्वास प्रस्ताव द्वारा न हटाया जाये। सरकार द्वारा उठाया गया कदम न केवल महिला नेतृत्व को स्वीकारोक्ति का प्रमाण है अपितु विश्वास का

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Poetic Techniques in Nissim Ezekiel's Poetry

Dr. Ashish Sharma*

ABSTRACT

Nissim Ezekiel is one of the best Indo-Anglican poets. His poetry exemplifies versatility. He's played around with form and technique for a long time. In Indo-Anglican poetry, he has made a significant contribution to stylistic felicities. Nissim Ezekiel is a conscious poet. To him poetry is not a gift to be adorned but a craft to be studied seriously. He believes in the revision of a poem and works hard on it, till it achieves a kind of perfection. Through diverse parts of nature, Ezekiel strives to expose an Indian common man's attitude from real-life experiences. He uses his poems to represent Indian ethos and culture by focusing on their typical, superstitious, traditional, patriotic, organisational, religious, social, political, and psychological perspectives.

Keywords: Poetic Technique, rhymes, language

Ezekiel is maybe the first Indo-Anglican poet to continuously demonstrate that the craft of a poem is just as significant as the subject matter. Writing a poem is not something he takes lightly. Poem writing, he claims, entails a great deal of effort. "To be lovely," he continues, "we must toil." In one of his poems, Ezekiel claims that the best poets are those who wait for words to come to them. He sees a poem as a seamless, organic whole. As a result, the way he speaks the structure of his sentences, and the words and phrases, he uses become crucial. In the words of Patel Gieve: "A writer needs a national or cultural identity, without which he becomes a series of imitations, echoes, responses; he does not develop, because there is nothing at the core to develop" (105). This realization could have made Ezekiel deliberately turn to Jewish sources and themes, as though some inner urge requires it.

Ezekiel has to his credit, numerous poems, plays and articles in journalistic criticism. His poems are collected in *A Time to Change* (1952), *Sixty Poems* (1953), *The Third* (1958), *The Unfinished Man* (1960), *The Exact Name* (1965), and *Hymns in Darkness and Passion Poems* (1976), and *Latter-Day Psalms* (1982). All the poems are later on published in one book by Oxford with the title *Nissim Ezekiel: Collected Poems* in 2006. He wrote eight plays titled: *Nalini* (1968), *Marriage Poem: A Tragi-comedy* (1968). These three plays were published under the title *Three Plays* (1969). The other plays are *The Sleepwalkers* (1968), *Who Needs No Introduction* (1973), *Song of Deprivation* (1969), *The Wonders of Vivek* (1986), *A Family Failure* (1986), and *Don't Call it Suicide* (1993).

Nissim Ezekiel appeared on the poetic scene and attempted to make sense of the circumstance by combining Indianism with a whole new poetic method. He uses outstanding poetic skills in his poetry, which concentrates on Indian culture, heritage, and post-colonial topics. Despite having Ben-heritage, Israel's he has chosen to live in India on purpose. Ezekiel remarked in an interview with John B. Beston, said:

I regard myself essentially as an Indian poet writing in English. I have a strong sense of belonging, not only to India, but to this city. I would never leave Bombay. It's a series of commitments...I've never thought that nothing good can come out of Nazareth. Bombay has something that Paris doesn't as

well as vice-versa. And that's true of all aspects of existence, not just the arts. At the notion of being a world poet I feel a little empty, rootless, one needs some sense of belonging. But there is a trap in identifying one's audience in terms of specific geographical location. I write my poems for anyone who is likely to enjoy them in any part of the world, in any time. (3)

In one of his essays, 'Naipaul's India and Mine,' he has mentioned that Naipaul who has Indian roots could not identify himself with it but Ezekiel proudly says that he likes to be an Indian but as he is not a Hindu and his background makes him a natural outsider. Ezekiel's poems circle with a sense of loss and insecurity and his later poems records his increasing affiliation and identification with Indian smell. His experience looks to be characteristic of the small minority communities Parsis, Jews, Anglo-Indians etc. in the post Independence phase. Parthasarathy in *Alien Voice: Perspectives on Commonwealth Literature* (1981), said about Ezekiel, Daruwalla and Gieve Patel:

They write with irony and humour about the experience of living in India today. Their stance is critical as they explore and celebrate after the torturous labyrinths of solitude and disillusion, the sense of finally coming home, of coming to terms with India. (51)

In connection to this, Chetan Karnani observes: "Ezekiel treated life as a journey where poetry would be the chief source of discovering and organizing one's life, and that there is a very close connection between his life and his poetry" (14). His collected poems consist of seven main topics in which we find a few poems in each. In the title poem of the first anthology, *A Time to Change*, Ezekiel states in no confusing term the anguish of marking time on anonymous ground. He says that a writer should:

And walk occasionally on alien land
To know the various lives and dreams of men,
And show his deep affection for the world
With words emerging from a concrete heart. (CP 4)

At the time of independence, many people used to migrate from small hamlets and towns to the Western metropolitan cities. Ezekiel went on a self-imposed exile. His first two volumes of poetry "*A Time to Change* (1952) and *Sixty Poems* (1953)" written during his traveling outside India. They deal with his exilic knowledge and elaborate the subject of segregation. One can find annoyance, anxiety, and sympathy in his poems. But there is no disagreement of the fact that India remains its environment. Ezekiel writes about India, not about Jewish or other countries. He accepts this in Jussawalla's *Commonwealth Literature* (1974) where he says: "India is simply my environment. A man can do something for and in his environment by being fully what he is, by not withdrawing from it. I have not withdrawn from India" (88).

In Ezekiel we find the image of city in his important volumes like *The Unfinished Man*. The *Exact Name* and *Hymns in Darkness*. In these volumes we find that the city has moved forward to a prominent position in the poet's consciousness.

Barbaric city sick with slums,
Deprived of seasons, blessed with rains,
Its hawkers, beggars, iron-lunged
Procession led by frantic drums,
A million purgatorial langes,
And childlike masses, many-tongued,
Whose wages are in words and crumbs.
(Morning Walk)
Always in the sun's eye,
Here among the beggars,
Hawkers, pavement sleepers.

Hutment dwellers, slums,
 Dead souls of men and gods,
 Burn-out mothers, frightened
 Virgins, Wasted child
 And tortured animal,
 All in noisy silence
 Suffering the place and time
 I ride my elephant of thought
 A Cezanne slung round my neck.
 ("In India")
 As I sway in the breeze
 The City sways below
 Suddenly I learn
 What I always know;
 I don't wish to go any higher,
 I want to return
 As soon as I can,
 To be of this city,
 To feel its hot breath
 I have to belong ("City Song")

Over the years, there has been a shift in attitude toward the city (Bombay), which the poet has witnessed. As a result, the 'barbaric city has become his cherished city, and he feels an ultimate and final sense of belonging there. Ezekiel's poetry has taken on a whole new depth as a result of his attachment to a certain location. He now sees India through the prism of Bombay.

The Bombay of Ezekiel is set in the present day and lacks historical context. He is equally at home in the city as he is outside of it. As Professor Birje Patil has rightly suggested, "Ezekiel's originality lies in his perfection of Bombay as a metaphor which defines the alienation of the modern Indian intellectual, brought up in the Judaeo-Christian and Grace-Roman traditions and being forced to come to terms with a culture whose response to life is controlled by a totally different metaphysics" (Birje Patil, 209).

The city has become the centre of Ezekiel's poetic ideas and poetics. Only a few examples of correctness and clarity can be found in his early verse. The image of creation is suggested in the following lines:

Subsidised by dreams alone
 The stubborn workman breaks the stone, loosens
 Soil, allows the seed to die in it, waits
 Patiently for grapes or figs and even
 Finds, on a lucky day, a metaphor
 Leaping from the sod.
 ("A Time to Change")

In "Invocation," Ezekiel summons the energies that he wields as the "ballast of Reality" amid "the flights of fantastic thought," and as "the rudder to my eyeless loves," continuing the image of the sailing vessel. Through the following sentences, he connects love and creativity:

The Woman's hand upon the brow
 Of this Creativity.

Rajeev Taranath and Meena Belliappa point out, "through a picturesque image, it is arbitrarily linked with the preceding images and the poem as a whole lacks the force and clarity of a well

integrated and sharply outlined experience" (3). This image occurs again in another poem called "Creation." One notices a variation on the love-creativity theme in the following lines:

The Sunshine of a kiss can glow
 Within a dozen poems, and a body yielding
 On the Summer grass, with expert fingers
 Can release

A spring of words as fresh as women's eyes.

In "Poet, Lover, Birdwatcher," Ezekiel's handling of images is both proficient and thought-provoking. The poem begins with a prophecy about lovers and birdwatchers moving slowly. "The best poets wait for words," the poet correctly observes, "like an ornithologist sitting in quiet beside a rushing river or like a lover waiting for the beloved till she can no longer wait but risk succumbing." *The Exact Name* is a noteworthy collection of poetry, not only because of its high quality and proof of a great expansion of the poet's concerns, but also because of its essential role in the development of Ezekiel's craftsmanship and poetic skills. We can witness a poetic in transition in this book, with a new voice gradually emerging as a significant poet struggles to break free from derivative techniques and forms that are beginning to suffocate and confine him in harmful ways. *The Exact Name* represents the old, the transitional, and the modern through three separate voices or styles.

The transitional poems are those in which Ezekiel moves away from the demanding regularity of meter, rhyme, grammar, and stanza structure. For the first time, blank verse and free verse samples can be found. Ezekiel gradually developed a technique that suited his voice. He understood he needed to discard his stolen style and adopt one that was more appropriate for his voice. Once he is free of the constraints of rigorous formality, his own voice becomes more clearly defined, stronger, and more profound. Some poets prefer traditional forms, while others prefer free forms. Ezekiel prefers open forms to conventional metres and rhymes, which contain a lot of rigidity and inflexibility.

Ezekiel's formality gave way to informality over time. He improved his free verse skills over time. His poetry became freer and less rigid. His poetry has a distinct voice due to his stylistic distinctiveness. Furthermore, using free verse allowed him to explore and try forth new ideas. He gains confidence in dealing with more personal and vital issues as he moves away from the constraining regularity of grammar, rhyme, and stanza structure. In addition, he could play around with other topics. His poetry became more natural as he was able to follow the natural rhythms of emotion and thought rather than the artificial metrical style.

Ezekiel's ability to bring about technical innovation and a shift in style has greatly aided him. It provided him more freedom, allowing him to tackle a wide range of topics in his poems, from mystical experiences to profoundly practical social issues. Ezekiel is a poet who has always considered his craft carefully. As a poet, he has grown in breadth and developed a style and idiom that is appropriate for the times. He has made a huge contribution. The growth of Indian English poetry can be tracked through Ezekiel's lyrical career. As a result, Ezekiel's poetry employs a style that is appropriate for expressing the current world's complexities and ambiguities. He lived at a time when neither epic nor romantic poetry were appropriate. The absurdities and complexity of the modern world necessitated a style of poetry that was distinct from that of pre-independence writers. Ezekiel used a conversational, forthright tone in his writing. He spoke in everyday terms. Modern India, particularly urban India, needed a language that could fully represent its realities. Ezekiel deserves credit for transforming Indian English poetry into modern poetry, making it relevant for the reader of his day and shaping it appropriately to make it an instrument of expression for the changing social realities.

In his use of language, Ezekiel is frugal. Clarity, economy, and directness are values he holds dear. He's been speaking in a casual tone. His poetry is memorable due to its simplicity and conversational comfort. His poetry has a good combination of clarity of phrase and cogency of

argument, thanks to his frequent use of vernacular idiom. The poet avoids obscurity at all costs, and beauty and brevity of expression are frequently associated. His poem 'The Egoist's Prayers' exemplifies his poetic language.

Thus Ezekiel demonstrates a profound awareness of form and structure, as well as a particular concern for the use of the appropriate words in the appropriate context. He picks his words with great care. It is commendable to utilize language with economy and precision. His statements have a strong connotative quality to them. He utilizes everyday language. He makes no attempt to employ antique terminology. By fusing sense and music, he achieves a lovely lyrical result. Ezekiel's lyrical style is made more simple, transparent, and clear by his use of contemporary vernacular.

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STUDY ON THE LYOLUMINESCENCE OF BARIUM DOPED NaCl SAMPLE

ABSTRACT:

This study focuses investigation on lyoluminescence a process which emits light when certain substances irradiated with ionizing radiation are dissolved in suitable solvent. The word "Lyo" means "dissolution". We have investigated the lyoluminescence of γ -irradiated Barium(Ba) doped NaCl samples. It is stated that the primary objectives of the present investigation is to understand the characteristics and mechanism of LL of γ -irradiated Ba doped sodium chloride micro crystals.

Keywords : lyoluminescence, irradiation, dissolution.

Introduction :

Materials and substances that are capable of light, particularly in the visible rang are termed 'luminescent' there is a wide variety of such substances: minerals, crystals, chemical substances and biomaterials of plant and animal origin and they can be natural or manufactured in laboratories. The underlying phenomenon that causes these materials to luminescence is called luminescence.

Lyoluminescence (LL) is the term applied to the emission of light when a material goes into solution or in other words it is the process of

light emission during dissolution of previously irradiated solids in suitable solvent. A number of both organic and inorganic materials are turned to behave as LL phosphors. The term lyoluminescence was discovered about 100 years ago by Weidemann and Schmidt (1895) to alkali halides and term organic substance by Ahnstrom (1959, 1960).

Materials and Methods :

Most of the earlier reported work on LL of alkali halides is related with undoped samples and little attention has been given to intentionally doped samples. The most obvious effect of ionizing radiation on a

doped ionic crystal is to modify the electrical charge on valance state of impurity ions. Hence it is speculated that the divalent impurity present in the sample may enhance the LL intensity.

In the present investigation AR grade NaCl was used as starting material the barium were providing appropriate quantities of their analar grade salts in NaCl powder.

The NaCl crystals were grown for different concentration of dopent i.e. 100, 500, 1000 and 1500 ppm different types of the samples shown for the present investigation.

For the growth of doped

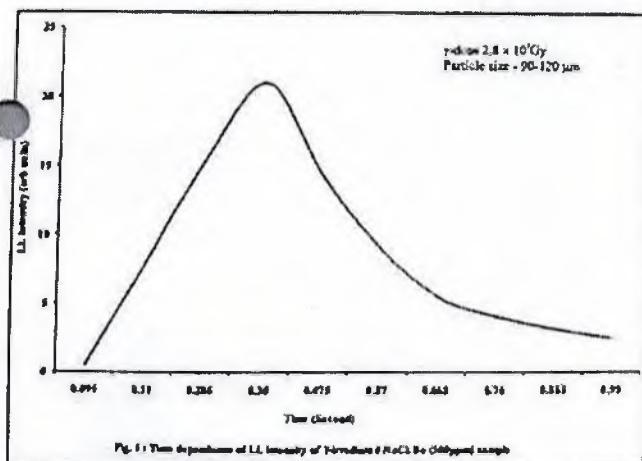


Fig. 1: Time dependence of LL intensity of γ -irradiated Ba doped NaCl sample

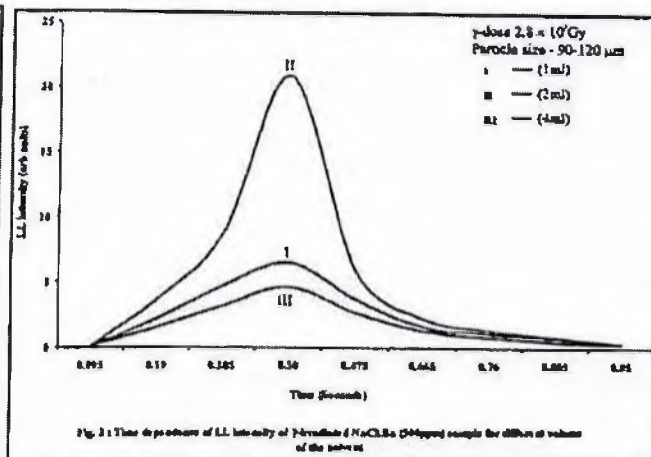


Fig. 2: Time dependence of LL intensity of γ -irradiated Ba doped NaCl sample for different volumes of the solvent

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REMOVAL OF HEAVY METAL IONS IN VILLAGE AMORA IN JANJGIR-CHAMPA (C.G.)

ABSTRACT :

In this century, the development of nanotechnology is projected to be the establishment of a technological evolutionary of this modern era. Recently, nanotechnology is one of the most active subjects of substantial research in modern material sciences and hence metal nanoparticles have a great scientific interest because of their unique optoelectronic and physicochemical properties with applications in diverse areas such as electronics, catalysis, drug delivery, or sensing. Nanotechnology provides an understanding on fundamental properties of objects at the atomic, molecular, and supramolecular levels. Besides, nanotechnology also leads an alternative technological pathway for the exploration and revolution of biological entities, whereas biology provides role models and biosynthetic constituents to nanotechnology. The findings of this review are important to provide an alternative for the green synthesis of silver nanoparticles. It showed more cost-effective and environmental friendly application as well as easier for large production, with relation to the properties of silver nanoparticles as antimicrobial, can be served well as an alternative antiseptic agent in various fields. Typically, silver nanoparticles are smaller than 100 nm and consist of about 20-15,000 silver atoms. Due to the attractive physical and chemical properties of silver at the nanoscale, the development of silver nanoparticles is expanding in recent years and is nowadays significant for consumer and medical products.

Keywords: *Bio-nanotechnology, Silver nanoparticles, Plant-mediated synthesis, Antimicrobial agent, Biosynthesis, Nanotechnology*

Introductions:

In recent years, nanotechnology is an escalating field of modern research (Edhaya Naveena and Prakash 2013) involving in synthesis design, characterization, production, and application of structures, devices, and systems by controlling shape and size at the nanometer scale (Madhuri et al. 2012). Nanotechnology also involves synthesis of nanoparticles of size ranging from 1 to 100 nm (EU 2011; Adlakha-Hutcheon et al. 2009). Moreover, there is a new branch of nanotechnology existing, which is bio-nanotechnology that integrates principles of biology with

physical and chemical procedures to generate nano-sized particles with specific functions (Kathiresan et al. 2009; Qi and Wang 2004; Roduner 2006). The biobased protocols for synthesis of nano-metals are both environmentally and economically green as they are based on green chemistry principles and are simple, relatively inexpensive, and easily scaled up for larger scale production (Mohanpuria et al. 2008; Iravani 2011; Prabhu and Poullose 2012). However, the chemical methods available are often expensive, utilize lethal chemicals, and are comparatively complex. Hence, biosynthesis of nanoparticles using biological

agents such as microbes or plant extracts has gained much attention in the area of nanotechnology in last few decades (Malik et al. 2014). Generally, there are three main steps involved in green synthesis method, i.e., reaction medium selection, biological reducing agent selection, and selection of noncarcinogenic substances for stability of nanoparticles (El-Shishtawy et al. 2011). Yet, plant-mediated preparation of nanoparticles can be advantageous over other biobased synthesis because the procedure of maintaining cell cultures can be omitted and it is also suitable for large scale production.

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वनोपज संग्रहण में अनुसूचित जाति तथा जनजाति का योगदान

सार -

आदिकाल से अनुसूचित जाति तथा अनुसूचित जनजाति का शोषण होते आया है। स्वतंत्रता के पूर्व इनकी दशा काफी बदतर थी, गांधी जी ने कहा था कि भारत को वास्तविक आजादी दिलाना है तो अनुसूचित जाति तथा अनुसूचित जनजातियों को जन आंदोलन में शामिल करना होगा। गांधी जी ने ही अस्पृश्यता को समाप्त करने के लिए अनेक कदम उठाये। छत्तीसगढ़ राज्य का बस्तर क्षेत्र बहुत समय से पिछड़ा हुआ है जिसे विकास की मुख्यधारा से जुड़ने में कुछ समय अवश्य लगेगा परंतु जब विकास के अंतिम चरण में यह क्षेत्र सबसे समृद्ध एवं विकसित हो जायेगा क्योंकि यहां के वन उत्पाद एवं वनोपज की मांग पूरे भारत देश में होगी, जिसकी कुल जनसंख्या 13,06,673 है जिसमें अ.ज.जा. का प्रतिशत 66.31 तथा अनुसूचित जाति का प्रतिशत 2.96 है, इसी प्रकार दंतवाड़ा जिला की कुल जनसंख्या 7,19,487 है जिसमें अनुसूचित जाति 78.52 प्रतिशत तथा अनुसूचित जनजातियों का प्रतिशत 3.36 है। छत्तीसगढ़ के कुल अनुसूचित जाति तथा अनुसूचित जनजातियों की संख्या का 57.3 प्रतिशत बस्तर संभाग में है। अतः बस्तर संभाग आदिवासी बाहुल्य वाला क्षेत्र है, जहां तेंदुपत्ता, साल, बीज एवं हर्षा प्राकृतिक उत्पाद है। इसके संग्रहण का लक्ष्य पूर्व निर्धारित करना संभव नहीं होता इसका उत्पादन पूरी तरह से भौगोलिक तथा पर्यावरण के प्रभाव से फलता-फूलता है। अनुसूचित जाति तथा जनजातियों के शोषण के विरुद्ध सबसे पहले मार्च 1965 में भारतीय आदिम जाति सेवक संघ, दिल्ली के तत्वाधान में बस्तर जिले के मुख्यालय जगदलपुर में एक सम्मेलन आयोजित किया गया था। उक्त सम्मेलन में इनके शोषण को समाप्त करने के लिए वन सहकारी समिति स्थापित करने का सुझाव दिया गया था इसके साथ ही इन वनवासियों एवं आदिवासियों को अपने-अपने क्षेत्र में सहकारी समिति बनाकर संग्रहित वनोपज को यहां बेचने का अधिकार प्रदान किया गया तथा इन्हें सहकारी सहायता भी देने का आश्वासन दिया गया। वनों की सुरक्षा के लिए संयुक्त वन प्रबंधन जनभागीदारी के लिए समितियों के माध्यम से किया जा रहा है जिसमें महिला एवं पुरुष वनवासियों की बराबर हिस्सेदारी रहेगी।

प्रस्तावना :-

आदिकाल से अनुसूचित जाति तथा अनुसूचित जनजाति का शोषण होते आया है तथा उन्हें हमेशा हेय दृष्टि से देखा जाता है। यह मान लिया जाता है कि ये केवल मजदूरी एवं कारीगर का काम करते रहेंगे। स्वतंत्रता के पूर्व इनकी दशा काफी बदतर थी। गांधी जी ने कहा था कि भारत को वास्तविक आजादी दिलाना है तो अनुसूचित जाति तथा अनुसूचित जनजातियों को जन आंदोलन में शामिल करना होगा। गांधी जी ने ही अस्पृश्यता को समाप्त करने के लिए अनेक कदम उठाये। भारतीय संविधान प्रारूप समिति के डॉ. भीमराव अंबेडकर जी ने इनके उत्थान हेतु प्रयास किये। भारत को आजाद हुये लगभग सात दशक होने जा

रहा है परन्तु आज तक इनका सार्थक विकास नहीं हो पाया है। कारण यह है कि इन आदिवासियों एवं वनवासियों को आगे बढ़ाने की दिशा में पर्याप्त कदम नहीं उठाये गये हैं। केंद्र सरकार तथा छत्तीसगढ़ राज्य सरकार इनके किन्नरा हेतु अनेक प्रकार के अधिनियम एवं योजनाएं बनाये हैं तथा इनका क्रियान्वयन किये जा रहे हैं ताकि मानव संसाधन का सही उपयोग, उनके आर्थिक विकास, सामाजिक उन्नति तथा शोषण के विरुद्ध अपने अधिकारों को जानें एवं उपयोग करे।

छत्तीसगढ़ राज्य की स्थापना हुये केवल बीस वर्ष ही हुये हैं अतः राज्य में अनुसूचित जाति तथा अनुसूचित जनजाति के विकास की पर्याप्त संभावना यनी हुई है।

छत्तीसगढ़ राज्य का बस्तर क्षेत्र बहुत समय से पिछड़ा हुआ है जिसे विकास की मुख्यधारा से जुड़ने में कुछ समय अवश्य लगेगा परंतु जब विकास के अंतिम चरण में यह क्षेत्र सबसे समृद्ध एवं विकसित हो जायेगा क्योंकि यहां के वन उत्पाद एवं वनोपज की मांग पूरे भारत वर्ष में होगा। यहां की संस्कृति, दशहरा उत्सव यहां के वनवासियों द्वारा अपनाई जाने वाली परंपरा से सभी परिचित होंगे। यह कहना उचित होगा कि बस्तर का यह क्षेत्र आदिवासी परंपरा तथा वनसंपदा एवं वनोपज के कारण छत्तीसगढ़ ही नहीं पूरे भारत वर्ष में अपनी विकास की गाथा गढ़ेंगे, वह समय दूर नहीं जब छत्तीसगढ़ राज्य की पहचान बस्तर से किया जा सकेगा।

दण्डकारण्य, भ्रमरकूट तथा बस्तर

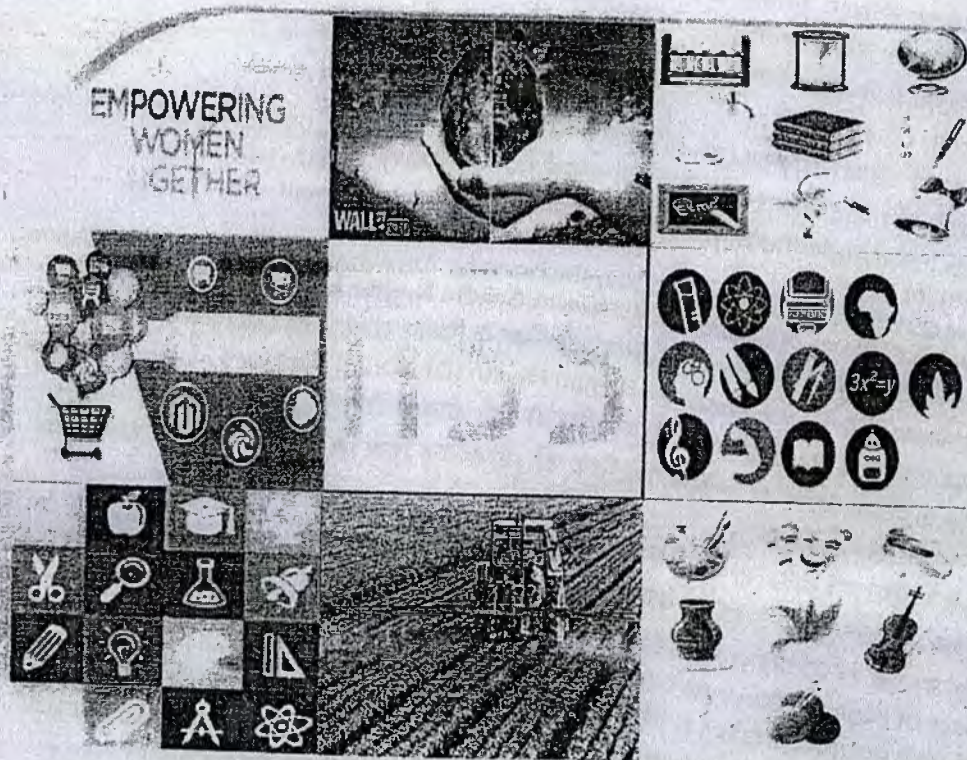
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राकेश कुमार गुप्ता* डॉ. के.के. शर्मा**

शोध सारांश - छत्तीसगढ़ राज्य में कुसुम एवं पलाश लाख का वार्षिक उत्पादन 35.25 हजार विवटल है। कुसुम लाख की मांग अधिक होने के कारण राज्य के व्यापारी अच्छी दरों पर इसका क्रय कर प्रसंस्करण करते हैं। कुसुम लाख का वार्षिक व्यापार रु. 100/- प्रति किलो न्यूनतम की दर से रु. 13.20 करोड़ होता है। कुसुम लाख की कुछ मात्रा देश के अन्य बाजारों में विक्रय कर दी जाती है। छत्तीसगढ़ राज्य में लाख की मुख्य प्रसंस्करण इकाइयों का आवश्यकतानुसार निर्माण किया जा रहा है। पलाश लाख की दर कम होने के बावजूद भी इसका उत्पादन किया जा रहा है एवं इसका वार्षिक व्यापार रु. 35/- प्रति किलो की दर से रु. 7.72 करोड़ का होता है। कुसुम एवं पलाश लाख के मुख्य उत्पादन वन मंडल क्षेत्रों का चिन्हांकन कर लाख उत्पादन हेतु भविष्य की रणनीति तय की जा सकती है, ताकि लाख का अधिक से अधिक उत्पादन कर कृषकों को अच्छा मूल्य दिलाया जा सके। कुसुम लाख के मुख्य उत्पादन क्षेत्रों में कांकेर पूर्व, भानुप्रतापपुर, बस्तर कोरबा, उत्तर सरगुजा, कटघोरा एवं जांजगीर चांपा वनमंडल आदि शामिल हैं।
शब्द कुंजी - धारणयोग्य कृषि-उत्पादन, अराष्ट्रीयकृत लघुवनोपज, एगोवलाइमेटिक जोन, अकाप्लीय वनोपज।

प्रस्तावना - प्रस्तुत शोध के अन्तर्गत मुख्य लघु वनोपज प्रजातियों के उत्पादन क्षेत्रों का चिन्हांकन कर मुख्य उत्पादन क्षेत्र जिला एवं वृत्त वार इनका वार्षिक उत्पादन ज्ञात किया गया है। उक्त विवरण से ज्ञात होता है कि जगदलपुर, कांकेर एवं सरगुजा वृत्त में लघुवनोपज प्रजातियों का वार्षिक उत्पादन अधिक है। इस लिए इन वन वृत्तों में लघुवनोपज प्रजातियों का वार्षिक उत्पादन अधिक है। इस लिए इन वनवृत्तों में लाख, इमली, माहुल पत्ता, तैलीय बीज, चिरींजी एवं शहद आदि लघुवनोपजों में संबंधित बड़ी प्रसंस्करण इकाइयाँ स्थापित किए जाने की अपार संभावनाएं हैं तथा इसके अतिरिक्त विभिन्न छोटी इकाइयों की स्थापना भी की जानी चाहिए।

उद्देश्य - राज्यों के पुनर्गठन के परिणामस्वरूप 1 नवम्बर 2000 देश के 26वें राज्य के रूप में छत्तीसगढ़ की स्थापना की गई। मूलतः यह राज्य विपुल वन संसाधनों एवं खनिज संपदा से परिपूर्ण होने के बावजूद मध्यप्रदेश राज्य के अंतर्गत सदैव उपेक्षित रहा। दूसरों को भोजन तथा जीवन की सुविधाएं प्रदान करने वाला 'धान का कटोरा' क्षेत्र स्वयं अर्धसंतुप्त एवं जीवन की मूलभूत आवश्यकताओं की पूर्ति के लिए तरसता रहा है। नए राज्य के गठन से क्षेत्रीय जनमानस की आशाएँ बढ़ी हैं। नवगठित राज्य में प्रशासनिक सुविधाओं की उत्कृष्टता के लिए जिलों का पुनर्गठन करते हुए 27 जिलों में विभाजित किया है। प्रस्तुत शोध अध्ययन के निम्नलिखित उद्देश्य हैं-

1. छत्तीसगढ़ राज्य में वन स्थिति एवं लघु वनोपज के उत्पादन एवं विपणन का अध्ययन करना।
2. छत्तीसगढ़ राज्य में अराष्ट्रीयकृत लघु वनोपजों में कुसुम एवं पलाश लाख के व्यापार एवं विपणन का अध्ययन करना।
3. अराष्ट्रीयकृत वनोपज में कुसुम एवं पलाश लाख के व्यापार का छत्तीसगढ़ राज्य की आर्थिक स्थिति में सशक्त संभावनाओं का अद्ययन करना।

शोध परिकल्पनाएँ :

1. छत्तीसगढ़ राज्य की अराष्ट्रीयकृत वनोपज के में कुसुम एवं पलाश लाख के व्यापार एवं विपणन की पद्धति असंतोषजनक है।
2. छत्तीसगढ़ राज्य की अराष्ट्रीयकृत वनोपज में कुसुम एवं पलाश लाख के व्यापार एवं विपणन की महत्वपूर्ण संभावनाएँ हैं।

शोध प्रविधि एवं क्षेत्र :

1. अध्ययन हेतु द्वितीयक आंकड़ों का सहारा लिया जा रहा है।
2. यह अध्ययन छत्तीसगढ़ राज्य लघु वनोपज (व्यापार एवं विकास) सहकारी संघ मर्यादित शंकर नगर रायपुर से प्राप्त आंकड़ों पर आधारित है। इनसे प्राप्त आंकड़ों के आधार पर विश्लेषणात्मक अध्ययन किया गया है और निष्कर्ष प्राप्त किये गए हैं।
3. अध्ययन का क्षेत्र छत्तीसगढ़ राज्य की अराष्ट्रीयकृत वनोपज में कुसुम एवं पलाश लाख के व्यापार एवं विपणन पर आधारित है।
4. अध्ययन की समय सीमा पिछले पाँच वर्षों के उत्पादन एवं विपणन पर आधारित है।

शोध उपकरण - अध्ययन हेतु द्वितीयक आंकड़ों का सहारा लिया जा रहा है।

सांख्यिकी उपकरण - यह अध्ययन छत्तीसगढ़ राज्य लघु वनोपज (व्यापार एवं विकास) सहकारी संघ मर्यादित शंकर नगर रायपुर से प्राप्त आंकड़ों पर आधारित है। इनसे प्राप्त आंकड़ों के आधार पर विश्लेषणात्मक अध्ययन किया गया है और निष्कर्ष प्राप्त किये गए हैं।

शोध व्याख्या - छत्तीसगढ़ राज्य में कुसुम एवं पलाश लाख का वार्षिक उत्पादन 35.25 हजार विवटल है। कुसुम लाख की मांग अधिक होने के कारण राज्य के व्यापारी अच्छी दरों पर इसका क्रय कर प्रसंस्करण करते हैं। कुसुम लाख का वार्षिक व्यापार रु. 100/- प्रति किलो की दर से रु. 13.20 करोड़ होता है। कुसुम लाख की कुछ मात्रा देश के अन्य बाजारों में विक्रय कर दी जाती है। छत्तीसगढ़ राज्य में लाख की मुख्य प्रसंस्करण इकाइयों का

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तालिका 1. कुसुम लाख एवं पलाश लाख के मुख्य उत्पादन क्षेत्र

क्र.	उत्पादन हेतु उपयुक्त जिला युनियन	स्थानीय बाजार	कुसुम लाख वार्षिक उत्पादन मात्रा (किं में)	पलाश लाख वार्षिक उत्पादन मात्रा (किं में)
1	जगदलपुर	जगदलपुर, तोकापाल, वस्तर	1000	
2	दंतेवाड़ा	नेमलजार, गीदम	500	100
3	सुकमा	सुकमा, दोरनापाल		300
4	बीजापुर	बीजापुर	200	300
5	कांकेर	कोरर, पहरपुर, ताडोकी	2000	500
6	पूर्व भानुप्रतापपुर	भानुप्रतापपुर, अंतागढ़	3200	500
7	पश्चिम भानुप्रतापपुर	परलकोट संबलपुर	200	2500
8	उत्तर कोण्डागांव	केशकाल, लंजोडा, बडेराजपुर	1000	
9	दक्षिण कोण्डागांव	हीरापुर, मर्दापाल, कोण्डागांव, माकड़ी	500	
10	नारायणपुर	नारायणपुर, धोड़ई, बेनूर, छोटेंडोंगर	500	
11	धमतरी	धमतरी, गहारासिल्ली, नगरी	250	700
12	रायपुर	चिकली, रायपुर		200
13	पूर्व रायपुर	गरियाबंद	100	400
14	उदंती	मैनपुर, इंदगांव	1000	650
15	महासमुन्द्र	पिथौरा	350	1000
16	दुर्ग	बालोद, होडी, लोहारा		200
17	राजनांदगांव	श्राजनांदगांव	700	3000
18	मरवाही	कोटा, गौरैला	500	3000
19	कवर्धा	चिल्की, बोडला	300	200
20	कोरबा	मदनपुर, हल्दीबाजार, भैरमा		1000
21	कटघोरा	पसान, पाली, कोरवी	500	1500
22	धरमजयगढ़	लैलुंगा, धरमजयगढ़	200	500
23	जांजगीर चांपा	बलोदा, शक्ति		2000
24	उत्तर सरगुजा	रघुनाथनगर, प्रतापपुर, वाइफनगर		2000
25	दक्षिण सरगुजा	मैनपाट, भईयाथान, प्रेमनगर		600
26	पूर्व सरगुजा	रघुनाथनगर, रामानुजगंज		700
27	जशपुर	जशपुरनगर	200	200
	योग		13,200	22,050

तालिका 2. कुसुम एवं पलाश लाख के क्षेत्र एवं विक्रय बाजार एवं विक्रिता मात्रा

छत्तीसगढ़ राज्य के मुख्य बाजार	कुसुम लाख			
	अन्य राज्य	वार्षिक विक्रित मात्रा (किं में)	अन्य राज्यों के मुख्य बाजार	वार्षिक विक्रित मात्रा (किं में)
धमतरी, कांकेर, रायपुर	महाराष्ट्र	90	मुंबई	90
	पश्चिम बंगाल	1350	बलरामपुर	1350
	योग	3014		3014
			पलाश लाख	
	पश्चिम बंगाल	3851	बलरामपुर	2831
		650	वाराणसी	665
	झारखण्ड	1079	बुन्दु	650
	महाराष्ट्र		गाँदिया	190
			नागपुर	513
	योग	5580		4849

COMPARATIVE ANALYSIS OF FAHP AND FTOPSIS METHOD FOR EVALUATION OF DIFFERENT DOMAINS

ABSTRACT:

Fuzzy logic approach for academic performance evaluations is in general fairly new. However, it has reached a wide range of application areas like performance evaluations and deciding the ranks for alternatives/criteria. In educational systems in addition to evaluation of teachers academic performance, and similarly software development scenario selecting software programmers. Fuzzy techniques have been adapted for evaluation based on numerical scores obtained in an assessment and for assessing Teachers performance and selecting software programmers. This research we have used MCDM techniques for FAHP (Fuzzy Analytic Hierarchy Process (FAHP)) and FTOPSIS (fuzzy Technique for Order Performance by Similarity to Ideal Solution) methods. Which are best methods for evaluations for selecting ranks? A small sample of 5 teachers and 5 software programmers and 5 criteria related to teachers and software programmers are considered which is collected from different educational or software organizations and weighted values are evaluated. Ranks obtained through FAHP and FTOPSIS are compared and found to be satisfactory.

Keywords: MCDM techniques, Fuzzy TOPSIS method, Fuzzy AHP, Alternatives, Criteria, selected Teachers and Software programmers.

1. INTRODUCTION-

Multi criteria decision making is a method to deal with the process of making decision among number of alternatives with conflicting criteria on them. Fuzzy AHP is an extension of original AHP method suggested by saaty to deal with qualitative and quantitative data. TOPSIS known as one of the most classical MCDM methods was first developed by Hwang and Yoon the concept of TOPSIS to develop a methodology for solving multi-criteria decision-making problems with interval data. Education system specially engineering education contributes a major role to develop the nation. In an academic institution Teachers and Students are two main pillars and without these two an

academic organization can never be survived. Teachers are the most important assets of an educational organization and good teachers provide the good quality education among the students. It means that teachers' performance evaluation has become one of the most important activities not only for the long run of an organization but for the development of the society. Most of the software fails during the development and even after development and not delivered in stipulated time period, which may creates problem for software development organization in context of their reputation and reliability in IT industry. Selection of various resources required to develop software in optimal manner is very

essential to avoid all these problems. Optimal resource allocation for a specific type of software project is a challenging task to minimize the software development cost and hence to deliver software product to the client well in advance. Many resources like technical resources: hardware, software and most essentially human resources are necessary to assign in optimal manner. These resource allocation may be based on expertise or heuristic manner, which sometimes fails due to uncertainty involved, hence multi criteria decision making (MCDM) based method: Fuzzy AHP can be used for human resource allocation for a particular type of software project.

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कृषि विकास एवं ग्रामीण विकास

राकेश कुमार गुप्ता

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श्रीमती आशा रॉय

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सारंश - भारत एक कृषि प्रधान देश है यहां के लोगों का कृषि से सदियों पुराना संबंध है फिर भी यहाँ कृषि के पिछड़ेपन की स्पष्ट झलक दिखाई पड़ती है। यद्यपि आयोजनकाल में किये गये प्रयासों के फलस्वरूप दीर्घकालीन गतिहीनता की स्थिति समाप्त हुई है एवं कई फसलों की उपज बढ़ाने में महत्वपूर्ण सफलता प्राप्त हुई है। भारतीय अर्थव्यवस्था में कृषि को समस्त उद्योगों की जननी, मानव जीवन की पोषक, प्रगति की सूचक तथा सम्पन्नता का प्रतीक माना जाता है। भारत की ग्रामीण अर्थव्यवस्था में कृषि प्रत्यक्ष एवं परोक्ष रूप से अधिकांश जनसंख्या के जीवन-यापन का साधन है। वर्तमान में देश की 52 प्रतिशत कार्यशील जनसंख्या प्रत्यक्ष रूप से कृषि व्यवसाय में लगी है। विदेशी व्यापार की दृष्टि से भी भारत में कृषि का महत्वपूर्ण स्थान है। देश के कुल निर्यात का लगभग 9.9 प्रतिशत भाग कृषि पदार्थों तथा कृषि से संबंधित पदार्थों का होता है। (स्त्रोत- आर्थिक समीक्षा 2011-12 pp. A-88-89)

इसी प्रकार भारत में कुल भूमि का 52 प्रतिशत हिस्सा कृषि योग्य है जो अंतर्राष्ट्रीय स्तर पर भी भारतीय कृषि को शीर्ष स्थान प्रदान करता है। तीव्र आर्थिक विकास की ओर उन्मुख वर्तमान गतिशील विश्व के समस्त विकसित एवं विकासशील देश अपने उपलब्ध संसाधनों का अपनी परिस्थितियों एवं क्षमताओं के अनुरूप यथासम्भव अनुकूलतम उपयोग कर कृषि उत्पादों में परिमाणान्तरक एवं गुणान्तरक सुधार तथा प्रगतिशील एवं व्यवसायिक कृषि के विकास हेतु सचेत एवं सतत प्रयासरत है। भारतीय अर्थव्यवस्था में प्रधान व्यवसाय होने के कारण कृषि राष्ट्रीय आय का सबसे बड़ा स्त्रोत, रोजगार एवं जीवन यापन का प्रमुख साधन, औद्योगिक विकास, वाणिज्य एवं व्यापार का आधार है। भारतीय अर्थव्यवस्था में आर्थिक विकास के लिए कृषि विकास पर इसलिए ध्यान दिया जाता है, क्योंकि कृषि क्षेत्र में पूंजी उत्पाद अनुपात अधिक ऊँचा नहीं है तथा कृषि

विकास के लिए विदेशी पूँजी की उतनी आवश्यकता नहीं पड़ती जितनी की औद्योगिक विकास के लिए पड़ती है।

भारतीय ग्रामीण अर्थव्यवस्था में कृषि का आर्थिक विकास में महत्वपूर्ण स्थान है, वर्ष 1950-51 में सकल घरेलू उत्पाद में कृषि एवं संबद्ध क्षेत्र का योगदान 56.46 प्रतिशत था जो वर्ष 2011-12 में घटकर 19.93 प्रतिशत हो गया है। भारतीय कृषि के अंतर्गत खाद्यान्नों के क्षेत्र में लगभग आत्मनिर्भरता की स्थिति है फिर भी यह निर्विवाद रूप से कहा जा सकता है कि भारतीय कृषि अन्य विकसित देशों की अपेक्षा अभी भी बहुत पिछड़ी है क्योंकि ग्रामीण अर्थव्यवस्था में आज भी कृषकों का परम्परावादी दृष्टिकोण, दोषपूर्ण सामाजिक ढांचा, जनसंख्या का कृषि पर अधिक भार, किसानों की निर्धनता तथा ऋणप्रस्तुता, कृषि में दोषपूर्ण विपणन व्यवस्था एवं कृषि अनुसंधान का परिणाम कृषकों तक नहीं पहुंच पाना प्रमुख है। आज भी कृषि में जातों का आकार छोटा एवं भूमि व्यवस्था का ढांचा कृषि को पश्चागामी कर रहा है। एक ओर हम नवीन हरितक्रांति की बात करते हैं जबकि अधिकांश भागों में उत्पादन की पुरानी तकनीक, अपर्याप्त सिंचाई सुविधाएं साथ ही उन्नत शील बीजों कीटनाशकों तथा रासायनिक खादों का न्यून प्रयोग किया जाना है। सम्प्रति भारत में प्रति हेक्टेयर रासायनिक खादों का प्रयोग 144.14 कि.ग्रा. है जो अन्य विकसित देशों जापान (306.6 कि.ग्राम), फ्रांस (221 कि.ग्रा.) इत्यादि की तुलना में बहुत कम है इसके अतिरिक्त भिट्टी की गुणवत्ता में कमी, भूमि कटाव, जल भराव, बाढ़ की समस्या तथा कृषि एवं उद्योग के बीच परस्पर समन्वय का अभाव आदि ऐसी बातें हैं जो भारत में कृषि के उत्पादन को प्रभावित करती है।

ENGLISH LANGUAGE : ITS PURPOSE AND LEARNING PROCESS

ABSTRACT

As we all know that English is a global language, hence necessary to learn to make a connection with the people of the world. Although English is not the most spoken language in the world, it is spoken as the official language in 53 countries and is spoken as a first language by around 400 million people worldwide. But that is not all, it is also the most common second language in the world. Now a days no field is untouched from English. It is not only used as a language of communication but also in a broad way.

But most of the time learners has to face some obstacles in the way of learning English Language. There are three great obstacles or enemies that are: Fear, Hesitation and Ignorance that check the journey of the learner's progress and there are three warriors : Believe, Confidence and Learning and Practicing that try to defeat these enemies. Hesitation and Fear is the main cause of inferiority complex. This paper deals with the problems that learners face in the way of learning English Language and the process of their learning.

As we all know that English is a global language, hence necessary to learn to make a connection with the people of the world. Although English is not the most spoken language in the world, it is spoken as the official language in 53 countries and is spoken as a first language by around 400 million people worldwide. But that is not all, it is also the most common second language in the world. According to the British council, by 2020 about two billion people in the world will be studying English.

Now a days no field is untouched from English. It is not only used as a language of communication but also in a broad way. Out of the 6500 spoken languages in the world today, why choose to learn English? As the third most widely spoken and taught in over 118 countries and is commonly used around the world as a trade and diplomatic language available in

English. It is also the language of media and internet so it's important to learn English language to be familiar with technology of the modern age.

This is the age of science and technology and the language used in it is mostly English. Most of all programs are designed in English. And the standard books of science and technology are available in English. It is also the language of media and internet so necessary to learn to communicate in the modern e-world.

But most of the time the Learner has to face some obstacles in the way of learning English Language. There are three great obstacles that act as the enemy standing in the way of learning English. These three enemies are : Fear, Hesitation and Ignorance. These enemies check the journey of the Learner's progress and in this battle there are three warriors who

can fight with these enemies and could defeat them. These three warriors are: Believe, Confidence and Learning and Practicing. Let's see how they fight:

The first enemy is Fear that comes in the absence of the warrior Believe. When the Learner starts his journey he first faces the enemy named Fear (that is the fear of committing mistakes, the fear of what the people say if he would not speak well etc.) and he try to stop the Learner until the warrior Believe does not come. After the arrival of Believe, Fear vanishes from the way. The second enemy is Hesitation that comes in the absence of the warrior Confidence. Hesitation comes when Learner get afraid of failure or have the desire of perfection and he tries to defeat the warrior Confidence. And with the help of the warrior Confidence the Learner go ahead to next step in his journey.

Now the Warrior Believe has

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OBESITY IN CHILDREN

ABSTRACT :

Childhood obesity is a condition that is more cost-effective to prevent than to treat. Medications are approved for treatment and then only for specific indications and with close follow-up. We have to accept that obesity is a family condition influenced equally by genetics and the food and activity environment.

Childhood obesity is a serious medical condition that affects children and adolescents and the increasing rate of overweight children and adults is a worldwide health issue. It's particularly troubling because the extra pounds often start children on the path to health problems that were once considered adult problems. Childhood obesity can also lead to poor self-esteem and depression. One of the best strategies to reduce childhood obesity is to improve the eating and exercise habits of your entire family. Treating and preventing childhood obesity helps protect your child's health now and in the future.

CAUSES OF OBESITY IN CHILDREN:

1. High calorie diet:

Obesity is a major problem which is increasing day by day in school going children. There are various reasons behind it. This essay will discuss the causes of obesity and offer some solutions. The first cause of obesity is junk food. One contributor is the lack of parental guidance, considering their busy schedule as a result of their tight working shift. Nevertheless, they cannot provide enough time to educate their children about proper nutrition. Thus, many children have been eating meals from fast food

restaurants because of the preoccupied schedule of their parents. Consequently, they do not have time to prepare foods for their children. Thereby, buying cooked or instant meals outside is their best option. This calorie-rich diet is making children obese.

2. Lack of exercise:

Children who don't exercise much are more likely to gain weight because they don't burn as many calories. The second cause of obesity is sedentary life style. It is true that the use of computers and television is increasing in children. They spend most of their time watching television or playing video games on a computer. This technological advancement has reduced the level of physical activity in this specific age group.

3. Family factors :

If your child comes from a family of overweight people, he or she may be more likely to put on weight. This is especially true in an environment where high-calorie foods are always available and physical activity isn't encouraged.

4. Psychological factors: Personal, parental and family stress can increase a child's risk of obesity. Some children overeat to cope with problems or to deal with emotions, such as stress, or to fight boredom. Their parents might have similar

tendencies.

5. Certain medications :

Some prescription drugs increase the risk of developing obesity. They include prednisone, lithium, amitriptyline, paroxetine (Paxil), gabapentin (Neurontin), Gralise, Horizant and propranolol (Inderal, Hemangeol).

MECHANISM OF BODY METABOLISM IN OBESITY

Obesity is an exaggeration of normal adiposity and is a central player in the pathophysiology of diabetes mellitus, insulin resistance, dyslipidemia, hypertension, atherosclerosis, largely due to secretion of excessive adipokines. Obesity is a major contributor to metabolic dysfunction involving lipid and glucose, but on a broader scale, it influences organ dysfunction involving cardiac, liver, intestinal, pulmonary, endocrine, reproductive and inflammatory functions. Inflammatory, insulin-resistant, hypertensive, and thrombotic promoting adipokines, which are atherogenic, are counterbalanced by anti-inflammatory and atheroprotective adipocyte hormones such as adiponectin, visfatin, and acylation-stimulating protein. Whereas certain actions of leptin and resistin are pro-atherogenic, adiponectin is protective against liver fibrosis due to its

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IMPACT OF TEMPERATURE IN THE CHANGES IN WEIGHT OF OVARIES OF THE FEMALE FISH GAMBUSIA AFFINIS

ABSTRACT:

The average weight of ovaries shows a growth decreases during post-spawning period (May to July). This gradual decrease justifies the gradual shrinkage in the ovaries during spawning period. After the spawning period the metabolic activities of fish, ovaries begin to shrink. A gradual increase has been noticed in the weight of ovaries and gonosomatic index.

Key words: *Gambusia*, ovaries, gonosomatic, index.

Introduction:

The work done on the fishes related to their reproductive biology is considered as one of the pioneering works related to fishes. Geiser, S.W. (1921) has critically described the seasonal changes in ovaries of *Gambusia affinis*. In 1931, Craig Bennett, M.A. worked on the reproductive cycle of the three spined stickle back. The modification of sexual cycle in trout by control of light was studied by Heover and Hubbard in 1937. The study of seasonal cycle in the gonads. *Fundulus* in 1938 and the effect of light and temperature on the female sexual cycle in *Fundulus* in 1939 was done by Matthews, S.A. The effect of light and temperature on gametogenesis in the fourspined stickle back.

The effect of temperature on the reproductive cycle of brook trout, *Salvelinus fontinalis* and *Gambusia affinis* (Melder) in 1951 is worth noticed. More studies on the seasonal change in the gonads of common Indian Cat fish, *Heteropreustes fossilis* was done by Goose and Kar (1952). Again the use of artificially controlled light to induce early spawning was studied by Coroson (1955) and Hoar (1955).

Material & Methods :

For the present study, the fresh water fish *Gambusia Affinis* was selected. The fish and fins rays of male are modified to form an elongated copulatory organ which is tubular or grooved and is called the gonopodium exhibit sexual dimorphism and is recognizable

sexually only on the basis of swollen belly in females and short length in males during the spawning period. The adult size of the fish ranges only 2 1/2 - 3" in length.

The collection of fishes was made for one complete reproductive cycle. The temperature of the water was recorded (at the time of collection) by means of CO thermometer and expressed in degrees centigrade.

Result and Discussion:

In present experimental *Gambusia affinis* female exhibit larger size of female and swollen belly of female during spawning period, as described by earlier workers in number of teleost species. The typical teleostean pattern of reproductive system is the

S.No.	Months	Mean value of the water tem. in during months (C ^o)	Mean value of the weight of Normal Fish in (mg.)	Mean of the the weight of ovaries of controlled Fish in (mg)
1.	May	40.2	111	108
2.	Jun	36.2	107	106
3.	July	31.2	104	103

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भारतीय नारी की दशा : एक ऐतिहासिक अनुशीलन

नार - स्त्रियां बौद्धिक क्षेत्र में जितनी निपूण थी उससे कहीं अधिक साहित्य कला व समाज सेविका एवं राजनितिक उपलब्धियों में अग्रणी रही। हम यह भी कह सकते हैं कि आधुनिक युग में नारी ने अपने महत्व को पहचाना है। दारुता के बंधनों को तोड़ दिया और स्वतंत्रता की सांस ली। आधुनिक नारी ने शिक्षा, राजनीति, व्यवसाय आदि विभिन्न क्षेत्रों में अपनी प्रतिभा का सुन्दर परिचय दिया। आजकल किशोरों के अपेक्षा किशोरियाँ शिक्षक के क्षेत्र में अग्रणी हैं, यह कला वाणिज्य और विज्ञान के विषयों में भी अत्यंत सफलतापूर्वक सफलता ग्रहण कर रही हैं, राजनीति के क्षेत्र में भी इन्होंने अपना परचम लहराया। भारत की प्रधानमंत्री श्रीमती इन्दिरागांधी भी एक महिला थी।

भूमिका :-

"स्त्री" सृष्टि के प्रारंभ एवं मानवता के विकास की प्रमुख पात्र रही है। उसके बिना सृष्टि की कल्पना नहीं की जा सकती है, मानव सभ्यता के निर्मात्री एवं विकास की सहचरी स्त्री का प्राचीन काल, मध्यकाल, आधुनिक काल में ऊंचा स्थान रहा एवं आदर्शसूचक पात्र के रूप में बड़े ही गौरवशाली प्रतिभायन विरांगना आदर्शशाली सभ्यता की जनक शिक्षाविद् गुणकारी महत्त्वशाली यथेष्ट, अविस्मरणीय, दुर्गा-युगों की स्मरणिका, सबल, सशक्त प्राणदायनी, जननी मातृशक्ति की परिचायक रही और प्रत्येक युग में अपने आप का परिचय बड़े ही शालिनता के साथ शक्तिवाहिनी के रूप में जानी जाने वाली स्त्री, अपना परिचय खुद बना लेने वाली तथा विश्व के विकास की धारा को बदल डाला उसका एक शब्द "नारी" ही काफी है।

"अपराजेय शौर्य", वीरता, साहसिकता, विश्वनिर्माण में तत्परता और सक्रिय साझेदारी ने सिर्फ विमुग्ध ही नहीं किया बल्कि यह तथ्य सामने रखा और पूर्ण किया।

"स्त्री" शब्द का अर्थ अपने आप में सम्पूर्णता लिये हुए है, सारगर्भिता, शक्तिपरायणता, राक्षमता, सुबोधता का प्रतिक्रियारमक परिचय प्रदान करता है, उसके निर्माण का अतुलनीय योगदान है। "नारी" ने इस बात से यह भी सिद्ध कर दिया है कि यह पुरुषों से किसी भी दृष्टिकोण में कमजोर नहीं

है। विभिन्न कालों में स्त्रियों की दशा का किरदार अलग-अलग अनुवा प्रभावकारी रहा है।

प्राचीनकाल :-

प्राचीन भारत में अत्यंत सम्मानपूर्ण स्थान स्त्री का रहा है, स्वरूपों और कालों के हिसाब से उसकी स्थिति में निरंतर परिवर्तन आते गये। भारत में नारियों की देवी की तरह "सीता" जैसी साध्वी, सावित्री जैसी पवित्रता, गार्गी और मैत्री जैसी विदुषी ने इस देश की भूमि को अलंकृत किया था और उनके नाम से ही देश में भारत माँ की गौरवगाथा अमृत्यु को प्राप्त हो गयी है।

"यत्र नार्यस्तु पूज्यन्ते रमन्ते तत्र देवता" अर्थात् जहां स्त्री की पूजा होती है वहां देवता निवास करते हैं। पुरातन समाज में उन्नत स्त्री दशा का सूचक माना जाता है। ऋग्वेद काल में समाज में उसे आदरपूर्ण स्थान दिया। धार्मिक सामाजिक अधिकार पुरुषों के ही समान थे, विवाह धार्मिक संस्कार माना जाता था, विदुषी एवं योग्य कन्याओं की प्राप्ति के लिए विशेष धार्मिक कृत्यों का अनुष्ठान करते हैं। विश्वधारा को ब्रह्मवाहिनी तथा मन्त्रदंडी कहा गया है, ऋग्वेद में एक स्त्रोत की रचना की गई थी, जिसमें इन्द्राणी, रिकता, निवायरी, लोकभद्रा, शाश्रुति, विदुषी स्त्रियों के नाम मिलते हैं जो वैदिक मंत्रों तथा स्त्रोतों की रचयिता हैं।

मध्यकाल में नारी की दशा और स्थिति:-

मध्यकाल में स्त्री की स्थिति धीरे-धीरे खराब होना प्रारंभ हो गयी थी, मुगलकाल के आते स्त्री की स्थिति गिरकर निम्न बिन्दु तक पहुँच गई थी। कुरितियों, परम्परा रीति-रिवाज पर्दा प्रथा, सती-प्रथा का बोलबाला था। स्त्री अब केवल एक "सम्पत्ति" बनकर रह गयी थी। युद्ध के समय स्त्री लूट का समान, रखैल प्रथा, वैश्यावृत्ति ने जोर पकड़ लिये थे। स्त्रियों को नित्य संगीत, रसोई ग्रह के कार्य एवं भोगविलास की सम्पत्ति के रूप में इस्तेमाल किया जाने लगा था। इस आशय ने राजनीति धर्म, अर्थ और समाज सभी को प्रभावित किया था। राजनीति में तो मुगलकालीन स्त्रियों को कभी प्रत्यक्ष तो कभी अप्रत्यक्ष हस्तक्षेप करती रहती थी, इसमें उदाहरण के लिए नूरजहां का प्रभावकारी स्वरूप प्रगट हुआ।

मध्यकाल में यह प्रथा मुसलमानों में प्रचलित थी। स्त्रियां विधवा होने पर भी पुनर्विवाह कर सकती थी, तलाक दे सकती थी, सती-प्रथा का प्रचलन नहीं था किन्तु यह भी केवल नारी होने के कारण अल्पकाल तक ही शासन कर सकी। भारतीय सामाजिक व्यवस्थाओं में जटिलताएं आ जाने के कारण पुरुष प्रधान समाज में स्त्रियों की दशा बद से बदतर हो गयी। यद्यपि गिरी हुई दशा के काल में "रजिया", साहाबुद्दीन, "मलिकाजहां", देवलरानी पद्मिनी जैसी विदुषी महिलाएं भी हुईं। अहसान दौलत बेगम बाबर की प्रेरणा स्त्रोत थी। यह अपनी माँ अहसान दौलत बेगम का सम्मान करता था

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नारी उत्पीड़न : निवारण, उपाय एवं समाजशास्त्रीय अध्ययन

सार -

वैदिक काल में नारी की स्थिति बहुत ही अच्छी और अत्यंत उन्नत थी। उस समय स्त्रियों की स्थिति उनके आत्म विश्वास, शिक्षा, विवाह, सम्पत्ति आदि के संबंध में पुरुषों के समान ही थी। उस समय बहुपत्नी विवाह अवश्य प्रचलित था, परन्तु स्त्रियों को मान-सम्मान और आदर से रखा जाता था। धन की देवी लक्ष्मी, ज्ञान की देवी सरस्वती और शक्ति की देवी दुर्गा से क्या अर्थ निकलता है, अवश्य ही प्राचीन भारतीय नारी इन सब शक्तियों की अधिकारिणी रही हैं, तभी तो देवी के रूप में पूजी गई हैं, और विख्यात हुई हैं।

पुरुष और स्त्री समाज निर्माण के दो परस्पर पूरक तत्व हैं। समाज इसी गाड़ी (रथ) के दो पहिये हैं जिस प्रकार समाजरूपी गाड़ी भी किसी के बिना आगे नहीं बढ़ सकती है। प्राचीन भारतीय मनीषियों ने इस तथ्य को स्वीकार और उन्होंने पुरुष और नारी दोनों को समान महत्व प्रदान किया।

भारतीय समाज में वर्तमान नारी की स्थिति तथा उससे जुड़े हुए प्रश्नों पर चर्चा करने से पूर्व इतिहास के पृष्ठों पर स्त्रियों का कला चित्र अंकित है इस संदर्भ में विचार करना आवश्यक है।

वैदिक काल में नारी की स्थिति बहुत ही अच्छी और अत्यंत उन्नत थी। उस समय स्त्रियों की स्थिति उनके आत्म विश्वास, शिक्षा, विवाह, सम्पत्ति आदि के संबंध में पुरुषों के समान ही थी। उस समय बहुपत्नी विवाह अवश्य प्रचलित था, परन्तु स्त्रियों को मान-सम्मान और आदर से रखा जाता था। धन की देवी लक्ष्मी, ज्ञान की देवी सरस्वती और शक्ति की देवी दुर्गा से क्या अर्थ निकलता है, अवश्य ही प्राचीन भारतीय नारी इन सब शक्तियों की अधिकारिणी रही हैं, तभी तो देवी के रूप में पूजी गई हैं, और विख्यात हुई हैं।

उत्तर वैदिक काल की स्थिति वैदिक काल की तुलना में दयनीय थी। बाल-विवाह, प्रारंभ हो गया जिसके कारण स्त्रियों की शिक्षा में रुकावट आने लगी। उनके लिए धार्मिक अनुष्ठान/संस्कारों में भाग लेना मनाही हो गयी थी। धीरे-धीरे अर्थ-व्यवस्था के नियमों

में कड़ाई आने के साथ स्त्रियों की पद में क्रमिक ह्रास होने लगा था। यही से अर्थात् उत्तर वैदिक काल से भारतीय नारी की स्थिति में गिरावट का प्रारंभ हो गया था।

स्मृति काल में आकर स्त्री की स्थिति में और गिरावट आई। वह केवल माता के रूप में आदर की पात्र रह गई। मनु स्मृति के अनुसार, "स्त्री कभी भी स्वतंत्र रहने योग्य नहीं है, बचपन में वह माता-पिता के अधिकार में, युवावस्था पति के संरक्षण में तथा वृद्धावस्था पुत्र के नियंत्रण में रहे"।

मध्य युग में विशेष रूप से भारत पर मुसलमानों के आक्रमणों और मुगलों के राज्य के बाद भारत में स्त्रियों की स्थिति में और गिरावट आई नारियों का स्वतंत्र अस्तित्व का नामों निशान न रहा। लड़कियों की शिक्षा समाप्त हो गई। पर्दा-प्रथा प्रारंभ हो गया। स्त्री के जीवन का दायरा घर की चारदीवारी तक सीमित हो गई। सती प्रथा चरम सीमा तक पहुँच गई। नौकरी भी केवल निम्न वर्ग की स्त्रियों ही कर सकती थी। स्त्रियों के समस्त अधिकार छीन लिये गये, नारियों की स्वतंत्रता नाम मात्र ही रह गई।

19वीं सदी के सामाजिक कार्यकर्ता तत्कालीन सामाजिक संस्थाओं एवं रीति-रिवाजों तथा जटिल अंगों से रिवाजों तथा प्रथाओं में परिवर्तन आवश्यक है। अंधविश्वास, अज्ञानता और निरक्षरता स्त्रियों की सभी समस्याओं के मूल में थी।

राजाराम मोहन राय, रानाडे, ईश्वर

चन्द्र विद्यासागर, स्वामी दयानंद, पंडित रमाबाई, महर्षि कर्वे, महात्मा गांधी और सुधारकों का ध्यान सामाजिक सुधार व स्त्री शिक्षा की ओर गया। इस संदर्भ में उन्होंने उल्लेखनीय कार्य किया।

पंडित जवाहर लाल नेहरू ने कहा था- "लोगों में जागृति लाने के लिए पहले स्त्रियों को जागृत करना होगा, स्त्रियों के आगे बढ़ने से परिवार आगे बढ़ेगा। गाँव आगे बढ़ेगा और राष्ट्र भी आगे बढ़ेगा।

समाज की सर्वांगीण उन्नति तब तक कठिन ही नहीं असंभव है जब तक समाज के दोनों वर्ग स्त्री-पुरुष समाज में समाज रूप से प्रगतिशील न हों, पुरुषों की उन्नति होती रहे और स्त्रियाँ अज्ञान और पिछड़ेपन से ग्रस्त रहे, तो समाज अधोगति को प्राप्त हो जायेगा, दोनों का समान होना अति आवश्यक है। नारी की उत्थान पुरुषों की उन्नति से अधिक आवश्यक है।

देसाई के अनुसार - "पुरुषों के साथ-साथ भारतीय नारियाँ भी महसूस करने लगी हैं कि नारी के जीवन का सर्वोपरि लक्ष्य केवल प्रेम विवाह करने पति के प्रति कर्तव्यनिष्ठ रहने, बच्चों को जन्म देने और गृहस्थी तक ही सीमित नहीं है। वे अनुभव करने लगी हैं कि नारी जीवन का उद्देश्य उससे कहीं ऊँचा है।

स्वतंत्रता प्राप्ति के पश्चात् स्त्रियों की स्थिति की स्थिति में अत्यधिक परिवर्तन हुआ। बाल विवाह एवं पर्दाप्रथा का प्रचलन कम हुआ। सती प्रथा का कड़ा विरोध किया

राजाराम मोहन राय, रानाडे, ईश्वर

RELEVANCE OF GANDHIAN ECONOMIC CONCEPTS IN GLOBAL CONTEXT

ABSTRACT:

The World has given birth to person of eminence in various fields from time to time but only very few could reach our optimum expectation in terms of working throughout the life irrespective of generation and economies. Gandhiji is fully qualified to be enlisted among such very few personalities. Gandhiji says true economics is never against the highest moral standard. In its real sense true morality should be true economics. Gandhiji was the originator of the concept of Swadeshi Movement in order to foster manufacture of useful articles in India through small scale industries. That's why Gandhiji emphasizes on production for masses rather than mass production. He believes that production should be according to the need and requirements otherwise it will lead to exploitation of human and physical resources. In present global context the trusteeship concept of Gandhiji is prevalent which focus on the non-violence, non-possessive swaraj, equality and decentralization which gives birth to the cottage industries and khadi movement leads to economic independence. Now the world is facing global economic problems such as climatic change, large scale conflict, poverty, inequality and geopolitical terrorism. Capitalist mind set is the grassroots of all the above problem which can be removed through the Gandhian economic concept and principle which are environmental sustainability, trusteeship and humanitarian. This paper brings about the relevance of Gandhian economic concepts in overcoming the various economic problems in the global context.

Keywords: Gandhiji, Economics, Small Scale industries, Trusteeship, Environment sustainability

Introduction:

In present global economic context all countries are facing similar set of problems such as climatic change, large scale conflict, poverty, inequality and terrorism. In this context the relevance of Gandhian Economic concepts plays a significant role. The basis of Gandhi's economic philosophy lies on individual dignity and welfare of the poor people. According to IMF data India became the world's sixth largest economy in 2020. According to the National Statistical Office share of GVA of agriculture and allied Sector to total economy is 20.20%. On the contrary the industry sector contributes to 25.92% and the

service sector contributes 54% of India GVA. It is the time to review the economic policies to eradicate inequalities in terms of wealth and proportionate participation.

The motivation of the study is to review the Relevance of Gandhian Economic concept to overcome with the present socioeconomic and environmental problems. The Gandhian economic philosophy help to explore new forms of technology and economic growth best suited to Indian condition leads to self reliance and well being of the poorest of the poor.

Review of Literature:

Past studies and review

reveals the significance of Gandhian Economic concept in the present scenario of global economy. It implies that the people in pursuit of creation of wealth forgetting moral values and it leads to depression which have both psychological and physical effect on their livelihood.

The basic idea of Gandhian thought describe on the book "Foundation of Gandhian thought" by K.S.Bharathi with Mahajan.P.Mani (1987) this book propagate the application of Gandhian thought and their impact.

The book "Economic thought of Mahatma Gandhi" by K.R. Narayan (1959) who said gandhian thought is the

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छत्तीसगढ़ की भौगोलिक स्थिति

सारांश -

अवृझमाड़, चित्रकूट, बस्तर एवं सिहावा के पहाड़ इस भू-भाग के मुख्य पहाड़ हैं। इस क्षेत्र की सम्पूर्ण संस्कृति दुर्गम वन प्रान्तों की गोद में क्रीड़ा करती है। इन्द्रावती इस क्षेत्र की मुख्य नदी है। जो पूर्व से पश्चिम की ओर बहती है और गोदावरी में मिल जाती है। कोतरी, नारंगी, भंवरादग, शंखिनी एवं सबरी इस क्षेत्र की कतिपय उल्लेखनीय नदियां हैं। बस्तर का पहाड़ी विभाग विभिन्न जातियों का जीवित संग्रहालय है। विभिन्न परिवारों की इतनी जातियां भारत के किसी भी अन्य क्षेत्र में ऐसे आदिम अवस्था में नहीं मिलेगी। सभ्यता एवं संस्कृति से पूर्णतया असंस्कृत यह भू-भाग था। छत्तीसगढ़ में पालतू पशुओं के अतिरिक्त वन्य पशुओं का बहुतायत में पाया जाना कोई आश्चर्यजनक बात नहीं है। जंगली शेर और चीते यहां के जंगलों में सामान्यतः पाए जाते हैं इसके अतिरिक्त बन्दर, रीछ, वनभैंसा, हिरण, तीतर, बारहसिंगा यहां के जंगलों में पाये जाते हैं। पक्षियों में प्रायः सभी प्रकार के जलचर और थलचर पक्षी यहां पाए जाते हैं। यहां के वनों में मयूर का एक विशेष स्थान है।

छत्तीसगढ़ की पृष्ठभूमि

अतीत से ही हिन्दुस्तान के हृदय स्थल मध्यप्रदेश के दक्षिण पूर्वी भू-भाग पर स्थित "छत्तीसगढ़" का एक विशिष्ट सांस्कृतिक एवं ऐतिहासिक महत्त्व रहा है। अरण्य की गोद में इचलाती हुई महानदी, शिवनाथ की घाटी में प्रसन्नचित क्रीड़ा करता हुआ, धान के कटोरा को सदैव परिपूर्ण रखने वाला गर्दों का यह क्षेत्र "छत्तीसगढ़" देश की खुशहाली का प्रतीक रहा है। वैभव, सम्पन्नता, सुख-शान्ति एवं सांस्कृतिक समन्वय यहां के प्राचीन सुप्रशासन के द्योतक रहे हैं। सदियों से सांस्कृतिक गरिमा के इतिहास की परम्परा को हृदयस्थ करते हुए इसमें समयानुकूल देश की परिवर्तनकारी घटनाक्रमों के परिणामों को आत्मसात् किया है।

भौगोलिक परिचय -

आधुनिक मध्यप्रदेश के दक्षिण पूर्व में 23.7 उत्तर अक्षांश एवं 80.43-83.38 पूर्वी देशांश के मध्य में छत्तीसगढ़ का क्षेत्र स्थित है। पश्चिम से पूर्व की ओर यह सकरा है। तलीय चित्र, स्थूल दृष्टि से देखने पर पंखे के आकार का भाषित होता है।

छत्तीसगढ़ के उत्तर पश्चिम में सीवा संभाग, उत्तर पूर्व में उड़ीसा, बिहार, दक्षिण में आंध्रप्रदेश और पश्चिम में महाराष्ट्र इसकी

भौगोलिक सीमा है तथा इसका कुल क्षेत्रफल 153133 वर्ग किलोमीटर है।

छत्तीसगढ़ में पर्वतीय एवं मैदानी क्षेत्रों की अधिकता है। महानदी एवं उसकी सहायक नदियों के द्वारा मैदानी क्षेत्र सदैव प्रभावित रहे हैं। इसके पश्चिमार्द्ध में महानदी एवं शिवनाथ नदी का दोआब है।

यह मैदान समुद्र सतह से 300 किलोमीटर ऊंचा है। इसके मुख्यतः तीन प्राकृतिक खण्ड बनते हैं -

1. उत्तर में सतपुड़ा की समभूमि तथा
2. मध्य में महानदी तथा उसकी सहायक नदियों का मैदानी भाग
3. दक्षिण में बस्तर का पठार

छत्तीसगढ़ में लगभग 60 इंच वर्षा होती है। छत्तीसगढ़ के मैदानी भाग पीली, रेतीली, मिट्टी है। चावल यहां की मुख्य उपज है।

वर्तमान छत्तीसगढ़ में रायपुर, सरगुजा, बिलासपुर एवं दुर्ग तथा बस्तर जिले हैं। क्षेत्रफल 5188 वर्गमील जनसंख्या लगभग 92 लाख है।

1. उत्तर सतपुड़ा की समभूमि भाग -

छत्तीसगढ़ की उत्तरी भाग सतपुड़ा की उच्चसम भूमि पर स्थित है। सम्पूर्ण सरगुजा जिला में रायगढ़ जिला की जशपुर एवं उदयपुर

तहसीलें एवं बिलासपुर। जिले का उत्तरी सीमान्त इसमें सम्मिलित है। यह अधिकांश वह क्षेत्र है जो प्राचीन काल में 'झारखण्ड' कहलाता है। यह मध्यप्रदेश का सर्वोच्च भाग है। दुर्गम वनों एवं गहन उपत्यकाओं से परिपूर्ण है। चारों ओर से ऊँचे पर्वतों की स्वाभाविक दीवारों से घिरे होने के कारण इसकी रचना एक दुर्ग की भांति होती है।

2. मध्य में महानदी तथा उसकी सहायक नदियों का मैदानी भाग -

प्राचीन काल से यह भू-भाग दक्षिण कोसल कहलाता था। मध्यप्रदेश का दक्षिण पूर्वी भाग जिसे छत्तीसगढ़ कहा जाता है। प्राचीन काल में दक्षिण कोसल कहलाता है और इसमें न केवल वर्तमान रायपुर, दुर्ग, बस्तर, बिलासपुर, सरगुजा और रायगढ़ जिलों का क्षेत्र अपितु उड़ीसा के सम्बलपुर जिले का भी बहुत-सा भू-भाग सम्मिलित था। वह प्रदेश मैकल रायगढ़ और सिहावा की पहाड़ियों से घिरा हुआ है तथा महानदी और उसकी सहायक शिवनाथ माढ़, खारुन और जोंक से संचित है। इन नदियों के तट पर विभिन्न सभ्यता का हृदय और विकास हुआ जिसके अवशेष निखरे होने पर भी छत्तीसगढ़ के प्राचीन गौरव की झांकी प्रस्तुत करने में समर्थ है।

इस क्षेत्र की अन्य नदियां हैं कांहा,



**D.P. VIPRA COLLEGE
BILASPUR**
ACCREDITED "A" GRADE BY NAAC

2016-17

D.P. Vipra College

Old High Court Road, Bilaspur
Chhattisgarh, India 495001



OFFICE OF THE PRINCIPAL

D. P. VIPRA COLLEGE, BILASPUR (C.G.)

Phone No.- 07752-424497, Web. – www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 10.12.2016

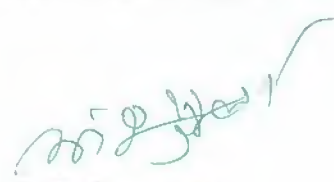
To,

Dr. Manish Tiwari
Asst. Professor
Department of Chemistry

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs 500/- (Rupees Five hundred only) submitted for attending National Seminar DLS College, Bilaspur by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


CASHIER
D.P. VIPRA COLLEGE
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Phone No.- 07752-424497, Web. – www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 15.12.2016


To,

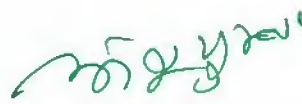
Dr. Sunita Yadav
Asst. Professor
Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for National Workshop.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Workshop UGC CRO, Bhopal by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
D.P. Vipra College
Bilaspur (C.G.)
PRINCIPAL
D.P. Vipra College
Bilaspur (C.G.)


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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 30.12.2016

To,

Dr. Abha Tiwari


Asst. Professor

Department of Political Science

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar R.G. Govt. Arts & Commerce College, Lormi by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
D.P. Vipra College
Bilaspur (C.G.)


ACCOUNTANT
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Phone No. - 07752-424497, Web. - www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 30.01.2017


To,

Dr. S. K. Tiwari
Asst. Professor
Department of English


Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Govt. M. L. Shukla College, Seepat by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 30.01.2017


To,

Dr. M. S. Tamboli
Asst. Professor
Department of Public Administration

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Govt. M. L. Shukla College, Seepat by you for the year 2016-17 has been approved by the institution as per policy.

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Ref No- /

Date: 07.11.2016


To,


Prof. Volga Vyas
Asst. Professor
Department of Microbiology

Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference Bilaspur University, Bilaspur by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


Principal
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Bilaspur (C.G.)


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Ref No- /

Date: 16.08.2016

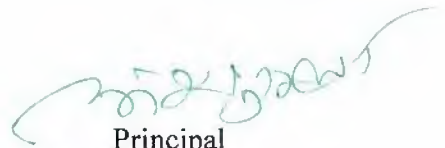
To,

Prof. Neha Meghani
Asst. Professor
Department of Biochemistry


Subject: Sanction Letter for reimbursement of fees submitted for National Conference.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Conference Bilaspur University, Bilaspur by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 05.01.2017

To,


Dr. Anju Shukla
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

We are pleased to inform you that the fees of Rs 500/- (Rupees Five hundred only) submitted for Paper Publication in Research Journal of Arts, Management & Social Sciences by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.

ACCOUNTANT
D.P. VIPRA COLLEGE
BILASPUR (C.G.)


Principal
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Ref No- /

Date: 09.01.2017

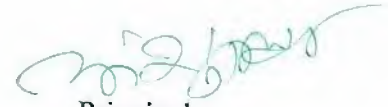
To,

Dr. Sadhana Shome
Asst. Professor
Department of Sociology

Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending Workshop Bilaspur University, Bilaspur by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 09.01.2017

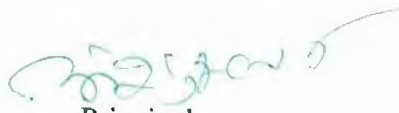
To,

Dr. Ashish Sharma
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Govt. M. L. Shukla College, Seepat by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 09.01.2017


To,

Prof. A. Shriram
Asst. Professor
Department of Commerce


Subject: Sanction Letter for reimbursement of fees submitted for Workshop.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending Workshop Bilaspur University, Bilaspur by you for the year 2016-17 has been approved by the institution as per policy.

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Phone No.- 07752-424497, Web. – www.dpvipracollege.in, Email- dpvipracollege@gmail.com

Ref No- /

Date: 09.01.2017


To,

Dr. R. N. Yadav
Asst. Professor
Department of Geography


Subject: Sanction Letter for reimbursement of fees submitted for National Seminar.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Seminar Govt. J. Yoganandam Chhattisgarh College, Raipur by you for the year 2016-17 has been approved by the institution as per policy.

We have forwarded to finance department for further approval and payment as per the above approved entitlement.


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Ref No- /

Date: 09.01.2017

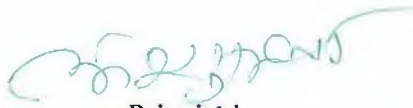
To,

Prof. Kiran Dubey
Asst. Professor
Department of Public Administration

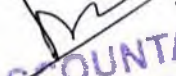
Subject: Sanction Letter for reimbursement of fees submitted for National Workshop.

We are pleased to inform you that the fees of Rs. 500/- (Rupees Five hundred only) submitted for attending National Workshop D. P. Vipra College, Bilaspur by you for the year 2016-17 has been approved by the institution as per policy.

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Date: 07.07.2016

To,

Dr. Oorja Ranjan Sinha
Asst. Professor
Department of English

Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Date: 04.07.2016

To,


Dr. Suruchi Mishra
Asst. Professor
Department of Hindi


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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Ref No- /

Date: 04.07.2016


To,

Dr. Renu Nayar
Asst. Professor
Department of Chemistry


Subject: Sanction Letter for reimbursement of fees submitted for Paper Publication.

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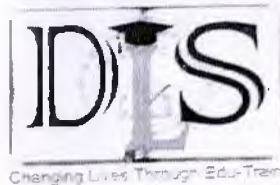

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NATIONAL SEMINAR

D.L.S. P.G. COLLEGE

Ashok Nagar, Sarkanda, Bilaspur (C.G.)





On
Biodiversity, Industrialization,
Environment and We
(NSC-2016)

Organized by
Department of Chemistry
D.L.S. P.G. College,
Bilaspur(C.G.)



Sponsored by
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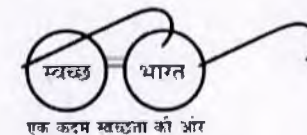
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on

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जिला : बिलासपुर (छत्तीसगढ़)

राष्ट्रीय अंतर्विषयक शोध संगोष्ठी सह कम्प्यूटर प्रशिक्षण कार्यशाला

दिनांक : 14 फरवरी, 2017

दैनिक जीवन में कम्प्यूटर की उपयोगिता एवं महत्व

सहभागिता प्रमाण-पत्र

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पदनाम/ कक्षा Asst. Professor सरथा D.P. Vihra College Bilaspur

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महाविद्यालय के कम्प्यूटर साहज्य विभाग द्वारा आयोजित राष्ट्रीय अंतर्विषयक शोध संगोष्ठी सह कम्प्यूटर प्रशिक्षण

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शासकीय मदनलाल शुक्ल महाविद्यालय, सीपत

जिला : बिलासपुर (छत्तीसगढ़)

राष्ट्रीय अंतर्विषयक शोध संगोष्ठी सह प्रशिक्षण कार्यशाला

दिनांक : 14 फरवरी, 2017

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(डॉ. एस. आर. कमलेश)
प्राचार्य एवं संरक्षक

on

"NOVEL APPROACHES IN CELL SCIENCE & STEM CELL RESEARCH"

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/Presented the paper titled BIOPESTICIDES: A safer alternative, advantages and
opportunities in Two Days National Conference "NOVEL
APPROACHES IN CELL SCIENCE & STEM CELL RESEARCH", organized by Department of Microbiology and Bio-informatics,
Bilaspur University, Bilaspur (C.G.) during 26th -27th November, 2016.


(Prof. G.D. Sharma)
Vice Chancellor


(Dr. Indu Anant)
Registrar


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(Dr. Mamta Patra Shahi)
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ON

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September 12-13, 2016

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session/participated/presented paper on _____

in two days National Conference on

"RECENT ADVANCES IN BIOTECHNOLOGY & BIOFUELS", Organized by Department of Microbiology & Bioinformatics,

Bilaspur University, Bilaspur held on September 12-13, 2016.

G. D. Sharma
Prof. G. D. SHARMA
Vice-Chancellor

Dr. Indu Anant
Dr. INDU ANANT
Registrar

Dr. Latika Bhatia
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प्रमुख सम्पादक

प्रोफेसर राजगीपाल

प्रतिष्ठित भारतीय रिजर्व एवार्ड से सम्मानित

अंग्रेजी सम्पादक

डॉ. एस. अखिलेश

प्रतिष्ठित भारतीय रिजर्व एवार्ड तथा पं. गोविन्द वल्लभ पंत एवार्ड से सम्मानित

डॉ. संध्या शुक्ल

प्रोफेसर एवं विभागाध्यक्ष, राजगीरविभाग

शासकीय ठाकुर रामान सिंह महाविद्यालय, गीवा

सम्पादक

डॉ. गायत्री शुक्ल

संयुक्त निदेशक, सेंटर फॉर रिसर्च स्टडीज, गीवा



सेन्टर फॉर रिसर्च स्टडीज, गीवा

की मुख्य शोध पत्रिका

प.प. सोसायटी रजिस्ट्रेशन एक्ट, 1973 के अंतर्गत पंजीकृत

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• स्वाती शर्मा

सारांश- प्रारंभिक समय में भारतीय समाज में विनमय व्यवस्था लागू थी। वस्तु के बदले वस्तु मिल जाता था परन्तु आज मुद्रा पर आधारित बाजार व्यवस्था के कारण संपूर्ण अर्थ व्यवस्था मुद्रा पर आधारित हो गया। परिणाम, लूट, छरोट, जमाखोरी, रिश्वतखोरी, मुनाफाखोरी, नकली नोट, काला धन का समस्या पैदा हो गया। नोट बंदी रुपी सर्जिकल स्ट्राइक का प्रभाव कुछ प्रतिशत जमाखोरों पर पड़ा है। अभी संपूर्ण कालाधन निकल कर बाहर नहीं आया परन्तु कालेधन कुबेरों की नींव हिल गई।

मूल और असंतोष क्रांति को जन्म देती है ऐसी मान्यता है। शायद बढ़ती आर्थिक विषमता के प्रति बढ़ता आक्रोश का ही परिणाम है विभुद्रीकरण समाज की परिकल्पना।

ईशावास्यम जगत सर्वम् यत् किञ्चित् जगत्याम् जगत।

तेनत्यक्तेन भुजिंधा मां ग्रिद्ध कस्य विश्दधनम् ।।

।। ईशावास्य उपनिषद् ।।

उपनिषद् वाक्य भारतीय समाज व्यवस्था की त्याग पर आधारित एवम् दान, धर्म की ऋषि व्यवस्था एवं आण्यक संस्कृति पर आधारित समाज का परिचायक है। भारतीय समाजिक व्यवस्था दान की अवधारणा पर आधारित है। दान लेना और देना ताकि समाज के अंतिम पंक्ति के व्यक्ति को भी जीने का अधिकार मिल सकें। कबीर की वाणी "साँझ इतना दीजिए जामें कुंठम्ब समाए, मैं भी भूखा ना रहूँ साधु भूखा ना जाय" एक ऊँची आदर्श आर्थिक समानता पर आधारित समाज का आधार बन सकता है। भारतीय समाज में अवसर की समानता को संविधान में स्थान दिया गया समाजवाद की यही परिभाषा है और समाजवादी समाज भारतीय संविधान के प्रस्तावना में जुड़ गया। परन्तु यथार्थता ठीक इसके विपरीत होने लगा? प्रजातांत्रिक व्यवस्था के बाद भी सम्पत्ति पर उत्पादन के साधनों पर कुछ लोगों का अधिकार होने लगा। अमीर-अमीर और गरीब-गरीब होने लगा। यही कारण समाज में आर्थिक असमानता एक भयंकर सामाजिक विषमता गरीब और अमीर वर्ग में बंट गया एक बीच का वर्ग मध्यम वर्ग दो पाटों में पीस रहा है। सर्वत्र कालाधन, भ्रष्टाचार, बोट के बदले नोट, मुनाफाखोरी, जमाखोरी, रिश्वतखोरी, राजनीतिक अपराधिकरण, नशाखोरी, आतंकवाद, तस्करी, माफियाराज के चंगुल में फँस, मुक्ति के लिए छटपटाने लगा। ऐसी स्थिति में चिंतन आवश्यक है।

* सहायक प्राध्यापक समाजशास्त्र, डी.पी.विप्र महाविद्यालय बिलासपुर

** सहायक प्राध्यापक, समाजशास्त्र, डी.एल.एस.कॉलेज बिलासपुर

इसी चिंतन की कड़ी में 8 नवम्बर 2016 को शा. को अचानक बड़े नोटों पर पाबंदी लगा दी जाती है। तात्कालीन प्रधानमंत्री माननीय नरेन्द्र मोदी जी का रात्रि 8 बजे टी.वी. चैनलों में राष्ट्र के नाम 500 रुपये एवं 1000 रुपये के बड़े नोटों का चलन प्रतिबंध की बात कही जाती है। प्रधानमंत्री जी ने राष्ट्र के सामने एक संदेश में 8 नवम्बर को चार घंटे का समय देते हुए कहा कि इन्हें बैंक में जमा करा दें। रखना है तो छुट्टे रखे। नए नोटों की सीरिज शीघ्र आएगी। पर वह वैध तरीके से रखने वाले ही रख पायेंगे। सर्वत्र अफरा-तफरी का माहौल मच जाता है। प्रातःकाल दूधवाला, चायवाला, सब्जीवाला, रिक्शावाला से लेकर बड़े व्यापारी तक 500-1000 रुपये के नोट लेने से घबरा कर देते हैं। परंतु भारत की जनता ने धैर्य नहीं छोड़ा। राजनीतिक विरोधों को छोड़कर आम जनता ने सरकार की इस आर्थिक महाक्रांति का स्वागत किया सरकार के निर्णय से कदम से कदम मिलाकर चलने का प्रयास किया। प्रधानमंत्री जी ने 50 दिन का समय जनता से मांगा और जनता ने समय दिया। स्थिति को सम्हालने में समय लगा परन्तु आज रिजर्व बैंक से जारी लगभग पन्द्रह लाख करोड़ बड़े नोट जनता द्वारा जमा करा दिया गया। 24000/- एक सप्ताह में राशि निकालने का अधिकार भी मिल गया और ए. टी.एम. से एक बार में 2000/- राशि फिर 2500/- राशि फिर 4000/- की राशि निकालने का अधिकार मिला। वर्तमान में सरकार द्वारा यह घोषित किया गया है, कि 20 फरवरी के बाद 50000/- की राशि जनता निकाल सकते हैं एवं 10000/- रूपया ए.टी.एम. से निकाला जा सकता है। 13 मार्च के बाद स्थिति पहले जैसे ही सामान्य हो गई है।

विमुद्राकरण समाज का आज परिकल्पना जो किया जा रहा है वह सचमुच में एक आदर्श समाज हो सकता है और बड़े नोट बंदी इस क्षेत्र में पहला कदम है नोट बंदी का सीधा प्रभाव तीन क्षेत्रों पर पड़ा।

1. आतंकवाद एवं नक्सलवाद
2. तश्करी नशा प्रचार
3. माफिया राज एवं नकली नोट

लम्बे समय से भारत आतंकवाद एवं नक्सलवाद के चपेट में है। सीमापार आतंक पाकिस्तान के शह पर देश को जर्जर कर रहा है तो नक्सली आतंक लगभग आधे देश छत्तीसगढ़, आंध्रप्रदेश, झारखंड, पश्चिम बंगाल, महाराष्ट्र, बिहार को लहु-लुहान कर रहा है। जैसे ही नोट बंदी हुआ सबसे ज्यादा प्रभाव इन्हीं वर्ग पर पड़ा 8 नवम्बर 2016 के रात्रि से नोट बंदी के फंसले के बाद आतंकियों एवं नक्सलियों के पास रखे 500-1000 के नोटों का अप्यार रद्दी कागज के टुकड़े में तब्दील हो गया। परिणामतः उन्हें मिलने वाली समाज विरोधी सामग्री हथियार मिलना दुर्लभ हो गया जिससे कई अलगाववादी ताकत एवं संगठन का खर्च चलना मुश्किल हो गया और संगठन टूटने लगा। काश्मीर में पथरबाजी क्रम हुआ आतंकी ताकते कमजोर पड़ों अपहरण लूट, डकैती, विस्फोटक सामग्री सप्लाई पर बड़ा झटका लगा। तश्कर एवं नशीले वस्तु का व्यापार करने वाले लोगों पर भी इसका बड़ा असर हुआ पैसा का लेन-देन ही खत्म हो गया तब इनके संगठन टूटने लगे। कर बोरी भवन निर्माण, उद्योगों में अपहरण अपराधों में संलिप्त होने वाली लगभग कई अरब रुपये की राशि मिट्टी में मिल गई। वास्तव में यह क्रांतिकारी कदम नोट बंदी से शुरू होकर विराट स्तर पर होने वाली परिवर्तन का शुरुआत है नशा मुक्त

समाज ही विकास के पथ आगे बढ़ सकता है। भारत का धनाढ्य प्रांत पंजाब इसका जोता जागता उदाहरण है। आज भ्रष्टाचार एवं नशा के आकण्ठ में डूबा पंजाब इनसे मुक्ति के लिए छटपटा रहा है। नशा में धुत भारत के युवकों के ऊपर देश का भार कतई उठाना नहीं जा सकता।

माफिया राज एवं नकली नोट के चलन ने देश के अर्थ व्यवस्था को घाटे वाला कर दिया था सरकार के पैरलल एक अपराधिक गतिविधियों में संलग्न माफियों के हाथ में समाज का बागडोर चला जाता है काले धन कुबेर अपनी काली करतूतों से कमाई गई कालेधन के सपोर्ट से नक्सली आतंकी, बाहुबली, राजनीतिक अपराधी माफिया गुंडों का सपोर्ट करते हैं नकली नोटों को चलाकर देश से गद्दारी करते थे उनके हीसले पस्त हुये हैं और होगा।

नोट बंदी के बाद सरकार की जिम्मेदारी बढ़ गई। अब शासन की आयकर विभाग की, बैंकों की, बैंक कर्मचारी की निगाह इस पर होगी, नोटबंदी के बाद जगह-जगह आयकर विभाग द्वारा छापा भी मारा गया। करोड़ों, अरबों की सम्पत्ति जब्त की गई और अभी भी इस क्षेत्र में सरकार सतर्क है। परन्तु यह सफल तभी होगा जब देश की जनता की सहभागिता इस क्षेत्र में होगी तभी यह सामाजिक क्रांति होगा।

हमारे माननीय प्रधानमंत्री जी ने नोटबंदी की तैयारी बहुत पहले से कर ली थी भारत के करोड़ों, करोड़ों गरीब जनता के श्रम श्रुचिता से उपाजित पैसा से जन-धन-योजना खड़ी की, सबके खाते बैंकों में खुलवाए एवं सूक्ष्म आर्थिकी (माइक्रो इकानामी) को महत्व दिया और आज भी इस क्षेत्र में प्रयास जारी है। क्रेडिट कार्ड, डेविट-कार्ड, स्वाइप मशीन के द्वारा डिजिटल इंडिया के परिकल्पना द्वारा केशलेस आर्थिक व्यवस्था को प्रतिष्ठापित करने की ओर कदम बढ़ाया जा रहा है।

प्रारंभिक समय में भारतीय समाज में विनमय व्यवस्था लागू था वस्तु के बदले वस्तु मिल जाता था परन्तु आज मुद्रा पर आधारित बाजार व्यवस्था के कारण संपूर्ण अर्थ व्यवस्था मुद्रा पर आधारित हो गया। परिणाम, लूट, खसोट, जमाखोरी, रिश्वतखोरी, मुनाफाखोरी, नकली नोट, काला धन का समस्या पैदा हो गया। नोट बंदी रूपी सर्जिकल स्ट्राइक का प्रभाव कुछ प्रतिशत जमाखोरों पर पड़ा है। अभी संपूर्ण कालाधन निकल कर बाहर नहीं आया परन्तु कालेधन कुबेरों की नाँव हिल गई।

अभी सबसे बड़ा प्रयास राजनीतिक क्षेत्र में करना होगा। चुनाव के नाम लाखों रुपये की चंदा वसूली, अकूत धन राशि की बर्बादी से समाज को मुक्त करना है। राजनीति में गुणवत्ता को बल देना होगा। चुनाव में नोट के बदले वोट नहीं बल्कि काम के बदले वोट की विचारधारा लानी होगी तभी विमुद्राकरण समाज की परिकल्पना सार्थक होगी विमुद्राकरण का प्रयास समाज में होने वाले आर्थिक बर्बादी जैसे विवाह के नाम देहेज, और बफे सिस्टम खाना, नगद राशि, जेवर आदि पर खर्च अनावश्यक पैसे की बर्बादी से बंद होगा। शहरों से बढ़कर यह क्रांति ग्रामीण व्यवस्था तक जायेगी। बड़े-बड़े उद्योगों के जगह कुटीर उद्योगों को बढ़ावा मिलेगा। सबके साथ सबको काम तब सबका विकास का नारा देना होगा। श्रम की महत्ता को प्रचार करना होगा।

शिक्षा के क्षेत्र में निजी स्कूल, कॉलेज के नाम पर राज कर रहे माफिया राज से समाज को मुक्ति मिलेगी। शिक्षा का अधिकार सभी को मिलेगा। लाखों करोड़ों वसूलने

वाले महाविद्यालयों, विश्वविद्यालयों का दरवाजा गरीब प्रतिभाशाली छात्रों के लिए खुलेगा शिक्षा की समानता ही सामाजिक विकास राष्ट्रीय विकास का पहला और अंतिम पायदान है।

स्वास्थ्य के क्षेत्र में भी क्रांति आयेगी, बड़े-बड़े अस्पताल पैसा कमाई का जरिया बन गया है विमुदीकरण के द्वारा देश के गरीब से गरीब जनता को उत्तम स्वास्थ्य गुण मुहैया कराना होगा।

स्वास्थ्य भारत का नारा देकर वैसे भी प्रधानमंत्री द्वारा सफाई के काम को महान काम का दर्जा देने का प्रयास किये गये हैं। विमुदीकरण के निर्णय से जनता को कुछ तकलीफ व तत्काल में अवश्य हुई परन्तु आमजनता इसके दीर्घकालीन सकारात्मक परिणाम को सोंचकर सहर्ष इस महाक्रांति का स्वागत कर रहे हैं। बेटी बचाओ, बेटी पढ़ाओ, स्वस्थ भारत स्वच्छ भारत जैसे कार्य इस आर्थिक महाक्रांति के साथ मुदाविहीन विनमय व्यवस्था पर आधारित महाआर्थिक क्रांति को बल देगी।

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NAAC AWARENESS WORKSHOP

27th & 28th, February 2017



Organized By :

Internal Quality Assurance Cell (IQAC)

BILASPUR UNIVERSITY, BILASPUR (C.G.)



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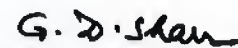
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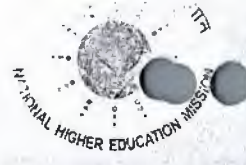

Dr. D. K. Srivastava
Organizing Secretary


Ms. Sumona Bhattacharya
Convener


Mr. B. S. Ponnudiraj
Dy. Advisor - NAAC


Dr. Indu Anant
Registrar


Prof. G. D. Sharma
Vice-Chancellor



छत्तीसगढ़ शासन, उच्चशिक्षा विभाग

शासकीय मदनलाल शुक्ल महाविद्यालय, सीपत

जिला : बिलासपुर (छत्तीसगढ़)

राष्ट्रीय अंतर्विषयक शोध संगोष्ठी सह कम्प्यूटर प्रशिक्षण कार्यशाला

दिनांक : 14 फरवरी, 2017

दैनिक जीवन में कम्प्यूटर की उपयोगिता एवं महत्व

सहभागिता प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री/ श्रीमती/ सुश्री/ कु./ प्रो./ डॉ. Ashish Sharma

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छत्तीसगढ़ शासन, उच्चशिक्षा विभाग, राष्ट्रीय उच्चतर शिक्षा अभियान एवं जनभागीदारी समिति द्वारा प्रायोजित एवं महाविद्यालय के कम्प्यूटर साइन्स विभाग द्वारा आयोजित राष्ट्रीय अंतर्विषयक शोध संगोष्ठी सह कम्प्यूटर प्रशिक्षण कार्यशाला में प्रतिभागी/ शोधपत्र वाचक/ स्रोत विशेषज्ञ/आमंत्रित वक्ता/ प्रतिवेदक/सुगमकर्ता/सहयोगी के रूप

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के रूप में कार्य किया।

(प्रो. श्वेता पण्ड्या)

आयोजन संयोजक/निर्देशक

(डा. एस. आर. कमलेश)

प्राचार्य एवं संरक्षक

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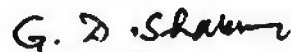
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*in the Seminar organised under the aegis of Chhattisgarh Bhoogol Parishad and
Department of Geography, Govt. J. Yoganandam Chhattisgarh College, Raipur (C.G.)*

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NATIONAL WORKSHOP
On
Human Rights : Opportunities & Challenges

Sponsored By : University Grants Commission, CRO Bhopal

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English Literature

Need For Reappraisal of Tess and Jude

Thomas Hardy was a novelist of the Victorian Age who was opposed to Victorian standards of morality and industrialization that created class division and exploitation of the people from lower walks of life by those from the higher. He pleaded for the former because he had sympathy for them for their sufferings and had indignation at their exploitation. He was a fatalist who thought that Fate and Circumstance could be forcing, and what happened to a named character in his novel could happen to anybody. He took up such social issues to discuss as were considered immoral. His last novel 'Jude' was proscribed, and with this ban on his book he gave up novel writing. In later years, the standards for evaluation of a piece of art came to be different; a novel cannot be a moral treatise, it is a piece of art (with or without social purpose). With changed outlook, we may consider Hardy as being quite ahead of his times, and feel that his works need a fresh evaluation for quality determination of his works and his own reputation.

DR. OORJA RANJAN SINHA

Thomas Hardy was an architect turned into a novelist. He was basically a poet with great human sensibility who wrote poems but took to novel writing for the sake of livelihood. To say it differently, novel writing was his profession but writing poetry was his hobby. This fact is important because a hobby is always closer to heart for a creative mind. Hardy pursued his profession, and yet pursued his concern for humanity, particularly the women and the people from the lower walks of life. He belonged to the Victorian Age but did not approve of the Victorian conventions, orthodoxy and pretensions of the higher class. He thought that characters from the upper class are given to living double standards and hypocritical behaviors, but those from the lower class are simple and genuine. He also noticed that the life of the latter is difficult and painful.

Hardy analyzed the cause of suffering of the common lot and concluded that among several reasons the two important ones are Fate and Circumstance. However, he thought that the distinction between the two is fine and a circumstance may be forcing enough. Thus, the fact is that the poor and the womenfolk, who are denied both power and the means, are condemned to suffer more. And, fate or circumstance going against an individual can even cause tragedy in his or her life. Two of his novels in particular *Tess of the D'Urbervilles* and *Jude the Obscure* concern "mainly with unfolding of the tragic history of a single life". But, such tragedies are common. The modern mind will consider the attitude of a society of the Age, in which such tragedies took place, as strange. However, there is no going

back in time. Hardy suffered criticism, and much criticism, because the Victorian mind was rigid. It was difficult for Hardy to find a publisher for *Tess* even when his reputation had reached across the Atlantic. His views on sex were considered "too frank", and his addition of subtitle "a pure woman" was considered indiscreet and offending. One magazine, called "The Graphic", agreed to serialize this novel when Hardy expunged the so-called objectionable parts with a feeling that he was attempting "dismemberment" of the novel. Later, he published the novel including in it the parts he had dropped earlier, and it caused a big uproar: "The Quarterly" commented that Hardy wrote "an extremely disagreeable story in an extremely disagreeable manner", and "The Saturday Review" said his was "an unpleasant story (told) in a very unpleasant way". Things turned worse for Hardy with publication of his novel *Jude the Obscure* because as Hardy himself said it was "novel addressed by a man to men and women of full age and contains Hardy's disapproval of moral conventions prevailing at the time and his criticism of the institution of marriage, marriage laws and sex relationship. There was not criticism of Hardy's open views but his novel was strongly condemned that his name was brought to ill-repute. *Jude the Obscure* was termed "Jude the Obscene" and Hardy was addressed as "Hardy the Degenerate". The general reaction against the book and its author was so painful and disgusting that Hardy gave up novel writing.

Times have changed; ideas relating to social living and morality have also changed. In the context of modern

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outlook which favours granting individual freedom in personal life, Hardy's thought and his depiction of certain characters can be taken as normal. Even in his own time, Hardy's view could be defended. All antagonistic criticism of *Tess* and *Jude* could be dismissed saying that a novel is a piece of art and not a moral treatise. Hardy had great feelings I mean sympathy and pity for the suffering lot who were denied conditions of proper living and justice. According to him, their suffering of pain and injustice was due to several factors one is growth of industrial life and vulnerability of relationships between persons from the high and low walks of life, or between the urban and the rural; the other is Fate, and the third one is Circumstance. He was of the view that seduction of *Tess* was accidental because she was innocent enough as not to know or sense what Alec was up to doing with her. She was physically soiled by him, but her spirit remained pure. Hardy's appellation 'a pure woman' is a suggestion that *Tess* was not the "sinning kind" but rather a victim of a sinning act. This also suggests that the novel must not be taken to be the life-history of a particular woman but something carrying the message that any other innocent girl undergoing the same situation would meet the same fate. But, unfortunately, Hardy could not stand up to criticism of himself; he protested meekly but finally gave up saying 'a novel is an impression and not an argument'.

Hardy's ideas could be worked out in defense of *Jude the Obscure*, but it lost its relevance after the novel was banned on grounds of being too sensual and immoral. Evaluation of a literary work involves examination of literary art and skill employed in a work and the social purpose with which it was written. Critical standards are now quite different. Had his work not been condemned so much he could continue writing novels. It is sad that with proscription of *Jude Hardy's* career as novelist came to an end, and the literary world lost the advantage of reading his possible works. His literary output could be much more and his rating in terms of quantity and quality could be higher. Anyway, a reappraisal of some of his novels, particularly *Tess* and *Jude*, can be taken to give him the rightful place in the history of fiction. His ideas and themes are okay, and the moral questions with regard to these novels are not much to the point. However, one thing is clear: Hardy was ahead of his times. He lived in the Victorian Age but belongs to a much later time.

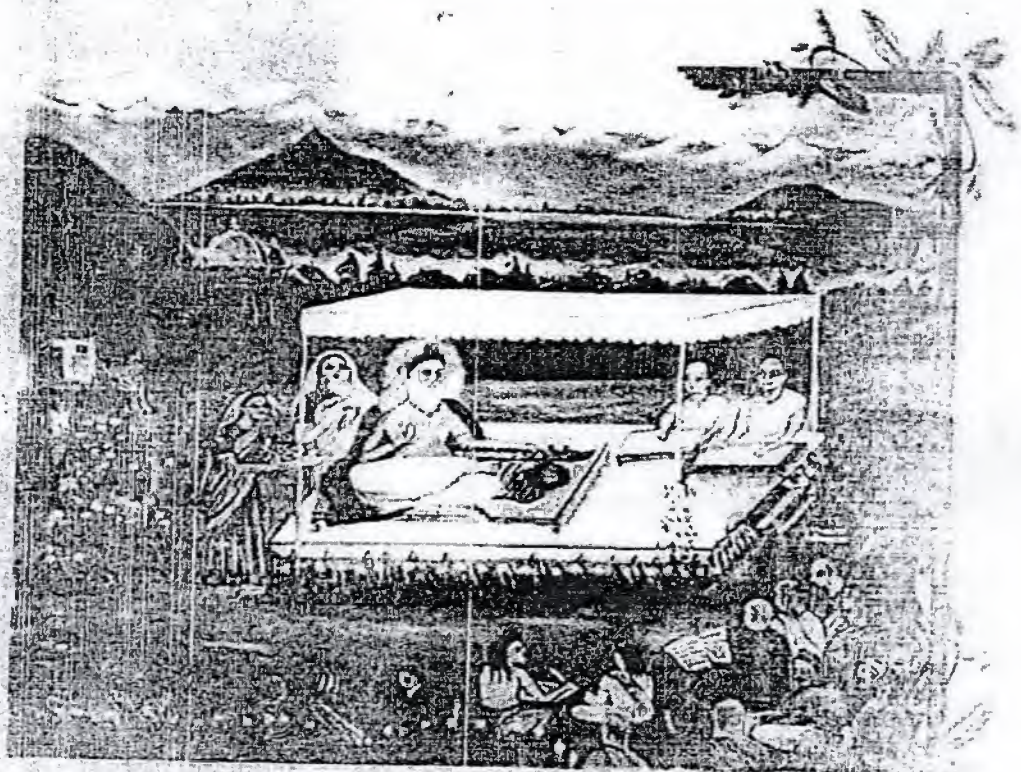
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भा

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साहित्य, कला और जीवन का शोध-संधान एवं विमर्श
साहित्य-शास्त्रीय दृष्टि से परंपरा में ऐसी ही बहुरूपता है-
आचार्य अभिनवगुप्त जिसका साहित्य-
भिन्न दृष्टि से व्याख्या का एक नया आभा
नवीन द्वार उद्घाटित किया गया है-
एवं अध्यात्म-प्रेरित धर्म-
में प्रवर्तित हुआ। विषयगत-
वरूप में रस की आस्वादा-
ष्टि की देन है-

23. आचार्य अभिनवगुप्त का
हित्य के प्रति उनके महानोप-
त्रिका का यह विरोधात्मक प्रभाव
माध्यम से उनके कदम
यालोकित एवं सुप्रसिद्ध कर-
गत दिनों पद्मश्री महारव-
री उपन्यासकार मुद्राराक्षस-
गत विभूतियों को भाव-
प्रकट

अभिनवगुप्त और कश्मीर की शैव परंपरा डॉ. सुरुचि मिश्रा

आगम के स्वरूप-निर्णय के लिए अंततः हमें उनकी श्रुति, स्मृति और पुराण से समानता और भिन्नता जानना आवश्यक है। अभिनवगुप्त ने तंत्रालोक एवं तंत्रसार में अद्वयप्रधान तंत्रों की निम्नलिखित विशेषताएँ सूचित की हैं -

1. बंधन हेतु अज्ञान का मूलरूप में प्रतिपादन तथा उस अज्ञान के पौरुष (आध्यात्मिक) और बौद्ध-दो भेद।
2. आत्मरूप शिव की प्रकाशविमर्शयता।
3. प्रकाश का विश्वरूप में अवभासन।
4. शिव की स्वातंत्र्यशक्ति अथवा कर्तृत्वशक्ति की प्रधानता।
5. शिव की विश्वोत्तीर्णता एवं विश्वमयता।
6. जीव (सिद्धांतमत में पशु) परिमितप्रभातृभाव का शिव (परमतत्व) द्वारा स्वेच्छया ग्रहण।
7. सतर्क सदाशय एवं सद्गुरु की सहायता से विकल्पसंस्कारपूर्वक पूणहिता का प्रकाशन।
8. विकल्प संस्कार द्वारा जीव का विश्वात्मरूप में प्रकाशन।
9. योगांगों में सतर्क की श्रेष्ठता।
10. योग, होम, व्रत योग द्वारा शुद्ध विद्या का उदय।
11. संपूर्ण शक्तियों की अभिव्यक्ति से पूर्णता का प्रकाशन।
12. त्रिक आगमों की श्रेष्ठता।

निष्कर्षतः आगम या तांत्रिक परंपरा में ज्ञान तथा क्रिया (पूजा, उपासना, साधना, योग, भक्ति, कर्मकांड) का निरंतर सहभाव है। क्रिया के विभिन्न रूप

हैं; जैसे कि दीक्षा, योग, अभिषेक, मंत्र, मुद्रा, मंडल, नाद-साधना, षडध्व-साधना, न्यास, जप, ध्यान, तर्पण, कुंडलिनीयोग, इन्हें पिंड और ब्रह्मांड की एकात्मता मानकर देह-चक्र द्वारा साधा जाता है। यही प्रकाश और विमर्श का सामंजस्य है। इसी दृष्टि से आगम के सामान्यतः चार पाद-ज्ञान, क्रिया, योग एवं चर्या होते हैं।

अभिनवगुप्त (तंत्रालोक, आह्निक 36, पृ. 381-8) के अनुसार आगम 9 करोड़ श्लोकों में व्याप्त था। इसका प्रत्येक युग में हास होता गया। रावण ने इसको शक्र से प्राप्त किया। बाद में वही विभीषण, राम, लक्ष्मण, सिद्ध, दानव, गृह्यक तथा योगियों को क्रमशः प्राप्त हुआ। कलियुग का उत्कर्ष होने पर सिद्ध इन तंत्रग्रंथों के साथ अंतर्निहित हो गए। कैलाश पर भ्रमण करते हुए श्रीकण्ठ (शिव) ने लुप्त शैवागमों की शिक्षा दुर्वासा को दी, जिन्होंने समस्त शैवागमों का त्रिविध विभाग कर अपने मानस पुत्र त्र्यंबक, अमर्दक और श्रीनाथ को आगमों की शिक्षा दी। यह तांत्रिक परंपरा की प्राचीनता घोषित करने की सामान्य पद्धति है जो अन्य शास्त्रों में भी प्राप्त होती है।

कश्मीर की ऐतिहासिक तांत्रिक ग्रंथ-परंपरा का प्रारंभ सोमानंद से होता है। कश्मीर शैव दर्शन जिन आगम-ग्रंथों पर आधारित है, उनमें से अनेक अप्राप्य हैं जैसे कि ब्रह्मयामल, वेदियामल, दीक्षोत्तर, कुलगह्वर, आगमशास्त्र, सिद्धयोगेश्वरी, नामक, मालिनी-विजय (यह मालिनीबीजयोत्तर से भिन्न है।), मातांग, रत्नमाला, सारशासन, सिद्धिशासन, त्रिकशासन, त्रिषिरस, योगसंचार। जो आगम-ग्रंथ उपलब्ध हैं उनमें 'मालिनी-बीजयोत्तर तंत्र स्वच्छंदतंत्र', परात्रीशिका², नेत्रतंत्र, मृगेंद्रतंत्र³ तथा विज्ञान-भैरव हैं। विज्ञानभैरव की दो टीकाएँ-क्षेमराज की उद्योत 24वीं कारिका तक एवं शिवोपाध्याय की विवृत्ति 25वीं से अंत तक एवं आनंदभट्ट की कौमुदी टीका मिलती है। इसे रुद्रयामल का सार एवं सर्वशक्ति प्रभेदों का हृदय कहा गया है। (विज्ञानभैरव. 1621) परमतत्त्व के स्वरूपनिरूपण के पश्चात् उसकी प्राप्ति के उपायों के रूप में 112 धारणाओं का विवेचन इसमें मिलता है।

सोमानंद (नवमी शती ई. का अंतिम भाग) की 'शिवदृष्टि' अद्वैत शैवदर्शन का सांगोपांग विवेचन करने वाला प्रथम ग्रंथ है। इसका संबंध त्र्यंबक मठिका से था। यह सात आह्निकों में 124 लोको में निबद्ध है। प्रथम आह्निक

भी। लक्ष्मण जू ब्रह्मचारी आज भी कश्मीर की महान् विभूति हैं जो न केवल साधना अपितु शास्त्रज्ञान के लिए भी अत्यंत विख्यात हैं। उनके गुरु योगी ईश्वरस्वरूप थे तथा उनके भी गुरु महाराज श्रीराजनी और महाराज श्री गुरुदेव थे। राजानक महेश्वर का शैवशास्त्र तथा उसकी परंपरा कश्मीर में आज तक जीवित है। निष्कर्षतः -

समस्तशास्त्रकथितवस्तुवैविकल्पदायिनः।

शिवागम्य सर्वेभ्योऽप्यागमेभ्यो विशिष्टता॥ तंत्रालोक, 22, 8-9

संदर्भ सूची -

1. इस तंत्र में मृत्युजित के स्वरूप तथा साधना का उपदेश है। कहा जाता है कि यह मूलतः द्वैतपरक था, जिसकी क्षेमराज ने अद्वैतपरक व्याख्या की। शिव के तृतीय प्रातिभ नेत्र का स्वरूप वर्णन होने के कारण तथा मुक्ति तक ले जाने (नयते और संसार से प्राण के कारण इसे नेत्रतंत्र कहा गया है। द्र. नेत्रतंत्र, 1/12)।
2. परात्रीशिका - इसका अर्थ है इच्छा, ज्ञान और क्रिया। इन तीन (त्रि) की स्वामिती (ईषिका) परासवित्। यह रुदयामल का अंतिम भाग माना गया है। इस पर सोमानंद, भवभूति, कल्याण, अभिनवगुप्त, लक्ष्मीराज, लासक आदि ने टीकाएँ लिखी हैं। इसी को त्रिकसूत्र, त्रिकागम, अनुत्तरसूत्र भी कहा गया है।
3. मृगेन्द्र का अर्थ है सिंह। शर्व द्वारा युक्त आगम के श्रोता सिंह रूप में इंद्र के होने से यह नाम पड़ा। द्वैतप्रधान होने पर भी अभिनव द्वारा इसके तथा इसके मूल कामिकागम का अनेकत्र उल्लेख करने एवं नारायणकंठ की यत्र-तत्र अद्वैत-प्रधान व्याख्या के कारण इसका शैवागमों में परिगणन किया जाना चाहिए। पशुपति की ईशान रूप में साधना का विधान इस आगम में है। अन्य आगमों की भांति इसमें विद्या 13 पटल, क्रिया 1 पटल, चर्या 1 पटल व योग 1 पटल हैं। इसमें पशुपति, पशु जीव तथा चतुर्विध पाश का निरूपण है।
4. क्रम को ही कालीनय, अतिनय, देवीनय, महानय, महार्थ आदि नामों से जाना जाता है। यह साधना का साक्तोपाय है। इसे त्रिक का सहोदर (तंत्रालोक 4. आ.) कहा गया है। इसमें कर्मकांड की प्रधानता है। क्रम

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और कुल दोनों में द्वादश काली स्वीकृत हैं। कुल का क्रमनय-सहादर कहा गया है। रुद्रयामलतंत्र, वामकेश्वरी तंत्र, कालीकुल, परात्रीशिका, मालिनीविजय तंत्र इसके प्रधान ग्रंथ हैं। इसके अनुसार परम तत्त्व का कुल, अनुत्तर, अनाख्य कहा जाता है। त्र्यंबक से प्रवर्तित 'निखिलशास्त्रोपनिशद्भूत' त्रिकविज्ञान और प्रत्यभिज्ञा एक ही है (तंत्रालोक, 1.30)। त्रिक कुल का भी वाचक है क्योंकि यह परा, अपरा व परापरा शक्तियों को स्वीकार करता है - त्रिक परादिशक्तित्रयाभिधयाकं शास्त्रम्। - तंत्रालोक, 1.150। कुल में वाम और दक्षिण का समन्वय है। परमाद्वैतवादी त्रिक (तंत्रालोक 3. आ.) बाह्यलिंग पूजा, जटा, धम्म, उपवास, तीर्थाटन आदि का न निषेध करता है न स्वीकार। प्रत्याभिज्ञाहृदय (श्लोक 18) के अनुसार तांत्रिक आत्मत्व को विश्वोत्तीर्ण, कुलनय विश्वमय और त्रिक विश्वोत्तीर्ण एवं विश्वमय मानता है। इस प्रकार कश्मीर शैवदर्शन को त्रिकदर्शन कहना सर्वथा उपयुक्त है। इसी के नामांतर है - षडर्थविज्ञान, षड्धर्मशास्त्र आदि। इसमें पर अर्थात् शिव, शक्ति तथा यामल (शिव की शक्त्युन्मुखता और शक्ति की शिवोन्मुखता) का एक त्रिक, परापर अर्थात् पर, अपरा, अपरा का दूसरा त्रिक, तथा अपर अर्थात् नर, शक्ति एवं शिव का तीसरा त्रिक स्वीकृत है और द्वैताद्वैत, द्वैत एवं अद्वैत का समन्वय कर पराद्वैत की स्थापना की गई है - नरशक्तिशिवात्मकं हीदं सर्वं त्रिकरूपमेव परात्रिशिकाविवृति, पृ. 80।

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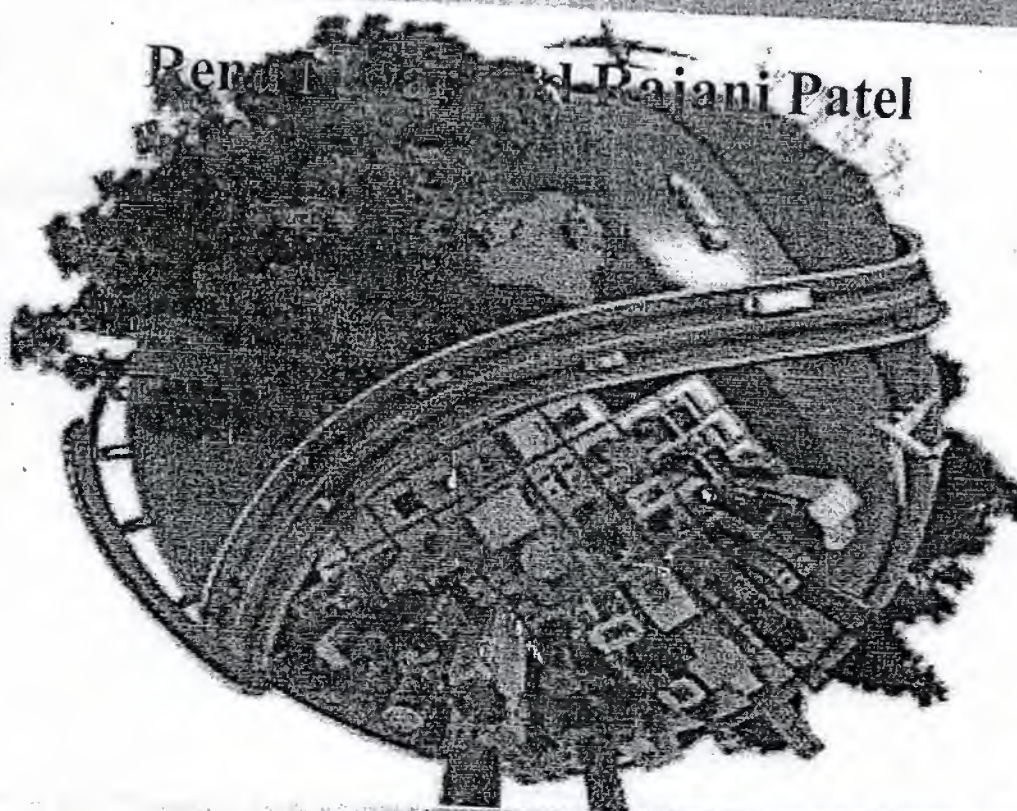
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Analytical Studies of Underground Drinking Water of Industrial Part of Sirgitti in Bilaspur (Chhattisgarh)

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Research Article

Analytical Studies of Underground Drinking Water of Industrial Part of Sirgitti in Bilaspur (Chhattisgarh)

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Abstract: The present study was undertaken to determine the physico-chemical properties and heavy metals in drinking water samples collected from two different sources in Sirgitti, Bilaspur (cg). Water samples were transparent, odorless and taste was agreeable. The pH of water samples was more than prescribed level, Dissolved oxygen in water samples was higher than 5 ppm. The Biochemical oxygen demand in water samples was below than 6 ppm, the maximum value of BOD observed was 1.8 mg/l at S-1 in May 2016. Alkalinity in water samples were above 120 ppm. During the present study the maximum value of alkalinity was found to be 380 ppm at S-2 in May 2016. The maximum value of total dissolved solids was found to be 761 mg/l at S-2 in May 2016. Maximum value of COD was observed as 98 mg/l at S-1 during the month of May 2016 and minimum value was 45 mg/l at S-2 in the months of February 2016. COD values observed were many times higher than the maximum permissible value, i.e. 10.0 mg/l. Maximum fluoride was recorded to be 1.6 mg/l in the month of May 2016 at station S-1. This is higher than the permissible limit recommended by Indian Standards. Both the sampling station nitrate concentration was always higher the permissible limit of 10 mg/l. It is necessary that the quality of drinking water should be checked at regular time interval, because due to use of contaminated drinking water, human population suffers from varied of water born diseases.

Keywords: Water Alkalinity, BOD, DO, physico-chemical properties, TDS and some heavy metal.