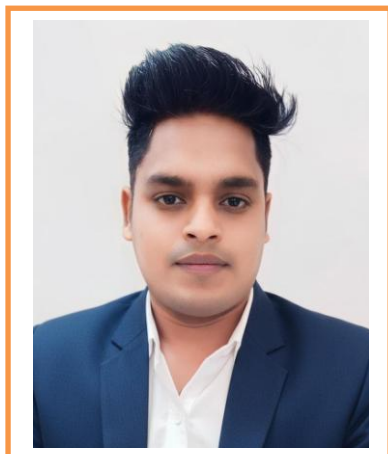


FACULTY PROFILE



NAME : Mr. CHIRANJEEV PANDEY

DESIGNATION: ASSISTANT PROFESSOR

DEPARTMENT: ZOOLOGY

**Institution :GOVT. DIGVIJAY AUTO.P.G.
COLLEGE RAJNANDGAON (C.G.)**

**E-mail address:chiranjeev717@gmail.com,
chiranjeevpandey@gdcr.ac.in**

CONTACT NO.:8770834824

OVERVIEW:

	Subject/Title for PhD	Year	From (University/Board)
Graduation	BIOLOGY	2011	Pt.R.S.U. RAIPUR C.G.
Post- Graduation	ZOOLOGY	2013	Pt.R.S.U. RAIPUR C.G.
NET/SET	Life Science	2018	-
Ph.D.	"Accumulation of Major Heavy Metals in river Kharun and their toxicity in fish <i>Channa striata</i> (Bloch)"	Ongoing	Hemchand Yadav University Durg (C.G.)

COURSES TAUGHT:

1. B.SC.ISem- Non Chordate, Cellbiology, Invertebrate Zoology, Vermicomposting, Chordates, Comparative anatomy of vertebrates.
2. B.Sc. IFF II- Aquaculture
3. B.Sc. IFF III- Aquarium Management
4. M.SC.I,II,III& IV Sem Zoology- Taxonomy, Limnology, Ichthyology, Capture Fisheries.

ADDITIONAL RESPONSIBILITIES: IQAC Member, NIRF Member, Employment Guidance and Placement Cell Member, NCC Officer-in-charge, Anti Ragging Committee Member.

Links of Research Related Platforms:

- **Google Scholar:** <https://scholar.google.com/citations?hl=en&user=ndzwMIIAAAAJ>
- **Researchgate:** <https://www.researchgate.net/profile/Chiranjeev-Pandey-2/research>
- **ORCID:** <https://orcid.org/0009-0004-1496-8722>
- **Web of Science:** <https://www.webofscience.com/wos/author/record/KTI-2723-2024>
- **Semanticscholar:** <https://www.semanticscholar.org/author/Chiranjeev-Pandey/2312809796>
- **SSRN:** https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=7000639

PUBLISHED PAPERS:32

1. Kumar, T., 1, Mishra, S., 1, Thiske, S., 2, Ali, M., 2, Bhatia, G. S., 2, Pandey, C., 2, & Government Digvijay Autonomous P.G. College. (2020). THE CLIMATE IMPERATIVE: UNDERSTANDING THE IMPACTS AND SOLUTIONS OF CLIMATE CHANGE. In *JOURNAL OF CRITICAL REVIEWS* (Vol. 07, Issue 19, p. 13278). <https://doi.org/10.53555/jcr.07.19.1453>
2. Pandey, C., Damle, K., Thiske, S., Ali, M., Bhatia, G. S., Rawte, K., & Guru, G. S. (2023). Assessing the impact of water quality parameters on fish farming and agriculture in Bagh River Deori District, Maharashtra (India). *Journal of Survey in Fisheries Sciences*, 10(3).
3. Guru, Gagan & Pandey, Chiranjeev. (2024). Assessment of Water Quality Of Shivnath River And Their Tributaries At Rajnandgaon District And Its Impact On Fish Culture. *INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS*. 12(23) 300.
4. Thiske, S., Pandey, C., & Ali, M. (2024). *Diversity of Fish Fauna: A Case Study of Rajnandgaon District, Chhattisgarh (India)*. *Journal Of Novel Research And Innovative Development*. 2(04) 196-201
5. Pandey, C., Thiske, S., Ali, M., Guru, G., & Sahu, D. P. (2024, April). *Occurrence and Habitat of Indian Painted bat (Kerivulapicta) in Manpur, Chhattisgarh*. *TIJER - INTERNATIONAL RESEARCH JOURNAL*.- Volume 11 (4) 720-724

6. Pandey, C., Thiske, S., Bhatia, G. S., Ali, M., & Damle, K. (2024). First Report for Painted Globular Frog *Uperodontaprobanicus* in North Bastar Kanker District of Chhattisgarh, (India). *UTTAR PRADESH JOURNAL OF ZOOLOGY*, 45(15), 548-555.
7. Pandey, C & Mishra A (2024), Assessing The Heavy Metal Contamination On Tissue Of Fish *Channa Striata* (Bloch) And Its Consequent Impact On Blood Composition From River Kharun, Chhattisgarh (India). *Gis Science Journal*, 11 (07), 856-867
8. Guru, G. S., Pandey, C., Ali, M., & Thiske, S. (2024, August). *Exploring the morphological foundations of fish culture: A review. International Journal of Science, Architecture, Technology, and Environment*, 1(5), 69–77.
9. Kumar, T., Mishra, S., Pandey, C., & Ali, M. (2024). *Optimizing Soil And Crop Productivity Using Coal Fly Ash: A Study From Chhattisgarh, India*. *Gis Science Journal*, 11(08) 113-127
10. Pandey, Chiranjeev & Guru, Gagan Singh & Thiske, Sanjay & Bhatia, Gurprit Singh & Ali, Majid & Yadav, Akhilesh Kumar. (2024). Study of Diversity and Status Of Endemic Ornamental Fish Of Shivrath River Mohla- Manpur-Ambagarh Chowki District Of Chhattisgarh (India). *Journal of Advanced Zoology*. 45. 10.53555/jaz.v45i6.4957.
11. Gagan Singh Guru, Chiranjeev Pandey, Sanjay Thiske, Majid Ali, Gurprit Singh Bhatia, Karuna Rawte, Sonal Mishra, & Trilok Kumar. (2024). Biomedical Waste Management In Municipal Corporation Area Of Rajnandgaon, Chhattisgarh, Central India. *Journal of Population Therapeutics and Clinical Pharmacology*, 31(8), 1736-1747. <https://doi.org/10.53555/7wm2xk73>
12. Thiske, S., Pandey, C., Mishra, S., Kumar, T., Damle, K. L., Ali, M., Bhatia, G. S., & Yadav, A. (2024). Tribal Communities and Wildlife Conservation: A study of Sustainable Practices in Rajnandgaon-Kabirdham, Chhattisgarh (India). In *REDVET – Revista Electrónica De Veterinaria: Vol. Vol 25, No. 1s*. <http://www.veterinaria.org>
13. Guru, G. S., & Pandey, C. (2024). Advancing Sustainable Agriculture: Next-Generation Biofertilizers through Synthetic Biology and Nanoparticle Integration. *International Journal of Research Publication and Reviews*, 5(9), 776–783. <https://doi.org/10.55248/gengpi.5.0924.2534>
14. Pandey, C., Bhatia, G. S., Damle, K., (2024). Urban Artificial Wetlands As Critical Habitats: Observations On Migratory Birds In Rajnandgaon City Chhattisgarh (India). In *Journal Of Dynamics And Control* (Vol. 8, Issue 9, p. 268)

15. Guru, G. S., Pandey, C., & Ali, M. (2024). *Fulfillment of the purpose of fish ranching at Sirpur Reservoir positioned on Bagh River, District of Deori, Maharashtra. Journal of Marine Science Research & Development*, 14(5), 1- 4.
16. Guru, G. S., & Pandey, C. (2024a). Application of modern techniques, drones and IoT in Indian agriculture [Review paper]. *InventumBiologicum*, 4(4), 7–15. <https://www.journals.worldbiologica.com/ib>
17. Bhatia, G. S., Siddiqui, S., & Pandey, C. (2024). Avian richness in Dongargarh-Dhaara Forest Area: A Baseline Study for Future Conservation, District Rajnandgaon, Chhattisgarh, India. *UTTAR PRADESH JOURNAL OF ZOOLOGY*, 45(19), 173–188. <https://doi.org/10.56557/upjoz/2024/v45i194515>
18. Guru, G. S., Pandey, C., Bhatia, G. S.; (2024). The Shivnath River: A Critical Analysis Of Environmental Stressors And Conservation Needs. *International Journal of Engineering Technology Research & Management*, Vol-08–Issue 11, 1–15.
19. Pandey, C., Mishra, A., Mishra, V., Kande, V., Tiwari, S., Kumar, A., Prasad, G., (2024). Impact of Heavy Metals Toxicity in Fishes: A review. *Degres Journal*, Vol-9(11)136–152.
20. Rawte, K., Damle, K. L., Thiske, S., Ali, M., Bhatia, G. S., Pandey, C., Guru, G. S., (2024). Bioremediation of pollutants in the Shivnath River: Harnessing natural processes for ecosystem restoration. *Degres Journal*, Vol-9(12)01-16.
21. Pandey, C., Mishra, S., Kumar, T., Jain, K., (2024). A Review on: Impact of Rice Mill effluents on Soil & Aquatic Ecosystem. In *Technische Sicherheit* Vol-24(12) (pp. 189–190)
22. Yadav, R., Pandey, C., & Mishra, A. (2024). Impact of seasonal changes and habitat on biochemical and antifungal property of fish mucus. *Degres*, 9(12), 17–33.
23. Pandey, C., *, Thiske, S., Rawte, K., Kumar, A., (2024). Diversity and variability of paddy pests in Rajnandgaon district of Chhattisgarh: A threat to agricultural sustainability. In *International Journal of Entomology Research* (Vol. 9, Issue 12, pp. 160–165). <https://www.entomologyjournals.com>
24. Pandey, C., Singh Bhatia, G., Damle, K. L., Sanjay Thiske, Majid Ali, & Karuna Rawte. (2024). Diversity and abundance of wetland avian fauna of Rajnandgaon District, Chhattisgarh, India. In *Bulletin for Technology and History Journal* (Vol. 24, Issue 12, pp. 166–167).
25. C. P. S. T. G. S. G. N. A. Mansoori, (2025). *A Review On Molluscan Diversity In Freshwater Habitats: Implications For Conservation And Aquatic Health*. *International Journal Of Engineering Sciences & Research Technology* .(Vol 14 (2)1-8).

26. Pandey, C., & Mishra, A. (2025). *Estimation of heavy metals in the water of Kharun at the convergence point of industrial effluents near Kumhari, Durg, Chhattisgarh, Central India. International Journal of Pharmacology & Biological Sciences*, 19(1).
27. Guru, G. S., Pandey, C., Thiske, S., & Ali, M. (2025). *Upcycling fish waste into biopolymers reducing climate change effects through sustainable innovation: A review. International Journal of Science, Architecture, Technology and Environment*, 2(3)65-75.
28. Pandey, C., Guru, G. S., Ali, M., & Thiske, S. (2025). *Hydrological and limnological factors influencing aquaculture on pond: A review. International Journal of Science, Architecture, Technology and Environment*, 2(3) 410-447.
29. Chiranjeev Pandey, Sanjay Thiske, Majid Ali, Akhilesh Kumar Yadav, Gurprit Singh Bhatia, EwrajJanghel, Gagan Singh Guru, and KarunaRawte. 2025. "Diversity, Abundance and Habitat Preferences of Freshwater and Terrestrial Mollusks in Rajnandgaon, Chhattisgarh, India: A Comparative Study". *UTTAR PRADESH JOURNAL OF ZOOLOGY* 46 (16):52–66.
30. Pandey, C., & Mishra, A. (2025). Impact of heavy metals on haematological parameters of fishes: A review. *International Journal of Engineering Inventions*, 14(11), 34–42.
31. Chiranjeev Pandey, Gurprit Singh Bhatia, Majid Ali, KarunaRawate, RaginiDewangan "Diversity and distribution of dragonflies and damselflies (Odonata) in India: A comprehensive review". *International Journal of Entomology Research*, Volume 10, Issue 12, 2025, Pages 6-12.
32. Chiranjeev Pandey, AkhileshKumar, Majid Ali, EwrajJanghel, and Lokesh Kumar [2025]. Vanishing Lights: A Review of Firely Diversity, Distribution, and Conservation Challenges in India. *Journal of Diversity Studies*. DOI: <https://doi.org/10.51470/JOD.2025.4.2.25>

BOOKS: 05

1. Enhancing Fish Production with Cage Culture A Case Study of Mongra Reservoir
ISBN: 978-620-8-42056-7 Lambert Academic Publication
2. Water Attributes of Shivnath River
ISBN: 978-99993-2-113-6 Eliva Press Global Ltd. part of Eliva Press S.R.L., 2024
3. Sustainable Development & Climate Change
ISBN: 978-93-341-8696-3

4. Rising to the Challenge Sustainable Development in the Face of Climate Change
ISBN 978-93-341-8847-9
5. Advances in Sciences and Allied Sciences Volume-II
ISBN- 978-93-49938-39-7

BOOK CHAPTERS: 07

1. Dust Mites Diversity: An Article, (Chapter16)252-264.
SBN 978-81-959977-1-8
2. Diversity and Status of Wetland Birds in Rajnandgaon City, Chhattisgarh, India.
ISBN: 978-81-968040-4-6.
3. Study of bird fauna in 4 blocks of Rajnandgaon district Chhattisgarh India (April 2012 to November 2012)
ISBN: 978-81-968040-4-6.
4. The Seasonal Fluctuation of Physicochemical parameters of Kharun River, Durg and their Impact on Fish diversity. ISBN: 978-81-968040-4-6.
5. Interdisciplinary Collaboration Of Artificial Intelligence On Humans
ISBN: 978-93-6665-459-1
6. The Ecotourism in Sirpur reservoir (Bagh river) for Futuristic.“Sustainable Development & Climate
ISBN: 978-93-341-8696-3
7. Eco & Bio Tourism Development And Its Management In India: A Case Study Of Chhattisgarh State India
ISBN: 978-93-341-8696-3

PAITENT: 03

1. **ANTIBIOTICS-RESISTANT BACTERIA DETECTION KIT**
Design No. : 427592-001
Date: 20/08/2024
2. **APPARATUS FOR PRESERVING ANIMAL TISSUE SAMPLES IN PHARMACOLOGY LABORATORY**
Design No. : 447890-001
Date: 12/02/25
3. **Innovative Fish Farming: Real-Time Control and IoT for Automatic Feeding and Water Purity Tracking**

Design No. : 202541032672

Date: 11/04/25

PROJECTS (COMPLETED AND ONGOING): 01

1. Title: Study of Diversity, Status & Activity Pattern of wetland Birds and their threats in near Future at Rajnandgaon District (C.G.): A case study of wetland birds.

Cost: 50,000/-

INSTITUTIONS WORKED IN:

- GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON (C.G.)

OTHER APPOINTMENTS/ACHIEVEMENTS:

1. DhartiMitra Award 2024 by SSSSM, Hudco Bhilai (C.G.)
2. The Proud Teacher Award 2024 by Sahara Charitable Trust, Delhi.

LINK OF YOUTUBE CHANNEL: <https://www.youtube.com/@chiranjeevpandey5654>

PERSONAL WEBPAGE IF ANY: NILL

SEMINAR CONFERENCES CHAIRED: NILL

RESOURCE PERSON IN SEMINAR/WORKSHOP/CONFERENCE: NILL

Paper Presented in Seminar/conferences (no.):

National : 05

International : 09

WORKSHOP : 09

FDP COURSE ATTENDED: 04

INDUCTION PROGRAM ATTENDED: 02

1. **NEP 2020 Orientation & Sensitization Programme** under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by **UGC-Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi** from September 30-October 10, 2024.
2. **'Faculty Induction Programme (Guru Dakshata)'** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre, Indira Gandhi National Tribal University, Amarkantak (MP) from 01st November, 2024 to 30th November, 2024 and obtained grade A.
3. **4th Faculty Induction Programme (Guru Dakshata)'** Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by Malaviya Mission Teacher Training Centre, Shree Mata Viashnav Devi University, Jammu (JK) from 6th January - 6th February, 2026 and obtained grade A.

REFRESHER COURSE ATTENDED: Nil

MEMBER OF SCIENTIFIC SOCIETY:

ADMINISTRATIVE TRAINING:

E-RESOURCES/MOOCs COURSES DEVELOPED: NO

Details of FDP/Seminar/Conference/Workshop:

S.No.	Date/Year	Activity	Title	Organized by
1	28 - 29 Nov 2025	International Conference	Emerging Trends in Science, Technology and Management (ICETSTM-2025)	Dept. of Chemistry, S.P.M. College Sitapur, Sarguja (C.G.)
2	10 - 17 Nov 2025	07 Day National Workshop	Research Methodology & Ethics	Research & Project Promotion Committee,

				GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
3	06 - 12 Nov 2025	07 Day National Workshop	Advanced Statistical Tools & Data Analytics for Multidisciplinary Scientific Research & Innovation	Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
4	29 to 31 Oct 2025	03 Days Workshop	Indian Knowledge System	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
5	13 Sept 2025	International Conference	Sustainable research &Technology: shaping the future through Interconnected knowledge	SHARNAM , Green building Project Pondicherry
6	23 - 30 August 2025	07 Days Workshop	Employment Guidance & Personality Development	Organized by Employment &Guidence Cell, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
7	21st July, 2025 To 26th July, 2025	SIX DAY FACULTY DEVELOPMENT PROGRAM (FDP)	Smart And Sustainable Materials: Advances In Material Chemistry For Global Challenges - 2025	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM (T.N.)
8	25 - 06 July 2025	National Conference	Rural Healthcare and Traditional Medicine	SahaidDurwasaNishad Govt. College Arjunda ,Dist. Balod (C.G.)
9	12 April 2025	National Conference	National	Swami Atmanand

			Conference on Recent Trends in Life Sciences (NCRTLs - 2025)	Govt. English Medium Model College Somni, District Rajnandgaon (C.G.)
10	07 to 08 March 2025	International Conference	International Conference on Role of Traditional Knowledge in Global Scenario	GOVT. V.YT .AUTO.P.G. COLLEGE, DURG C.G.
11	4 to 06 March 2025	International Conference	03 Days International Seminar on Sustainable Development & Climate Change (ISSDC-2025)	Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
12	13-15 Feb 2025	International Conference	International Conference on Indian Literature in Global Perspectives: Significance & relevance	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
13	22 to 29 January 2025	FDP	07 Days "Faculty Induction Program on Research Methodology"	Govt. K.L. Arts & Commerce College Bagbahara, Mahasamund (C.G.)
14	23 & 24 November 2024	International Conference	3 rd International Conference on Management & Social Science (ICMSS-2024)	Organized by Acadcmia Research lab Pvt. Ltd. India
15	05 & 06 June 2024	International Conference	ISCLRES-2024	SSSSM Hudco Bhilai (C.G.)
16	24 Jan to 31	One Week	Instrumentation and	Department of

	Jan 2024	National Workshop cum FDP	Analytical Techniques in Scientific Research	Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON (C.G.)
17	05 & 06 October 2023	National Conference	RAECW-023	GOVT. V.YT .AUTO.P.G. COLLEGE,DURG C.G.
18	06 to 07 April,2023	International Conference	ICSSA-2023	Kalinga University Raipur C.G.
19	06 to 08 feb,2023	International Conference	ICRASSI-2023	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
20	02 & 03 Feb,2023	International Conference	EIASD-2023	GOVT. V.YT .AUTO.P.G. COLLEGE,DURG C.G.
21	05-11-2022 to 06-11-2022	National Conference	Recent Trends in Material Science	Kirodimal Govt. Arts. & Science College RAigarh (C.G.)
22	10/12/22 to 17/12/22	7 Days Faculty Development Program Workshop(FDP)	Documentation using Mobile,Laptop& Desktop Interface	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
23	12/11/22 to 13/11/22	National Research Conference	MuktibodhkaSahitya: YougbohdhaurPravittiya	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
24	20/10/22	1 Day Workshop	Research Paper Writing and Publication	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
25	09/07/2022	01 Day State Level Workshop	Curriculum Framework of CBCS/LOCF Under NEO2020	Autonomous Exam. & IQAC Cell GOVT. DIGVIJAY AUTO.P.G. COLLEGE

				RAJNANDGAON
26	03/06/22 to 05/06/2022	2 Days National Seminar	Conservation of National Resources and Sustainable Development	Dept of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
27	26/05/2022	01 Day State Level Workshop (Orientation Program)	Newly Appointed Asst. Prof. Orientation Workshop	GOvt.Shivnath Science College Rajnandgaon(C.G.)
28	30/01/2019 to 31/01/2019	National Seminar	Wild Life: Its Nature, Decline and Conservation in India.	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G.
29	03/01/2017 to 09/01/2017	Orientation Program	Teaching Learning and Evaluation	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
30	15/12/2016 to 16/12/2022	2 Day Workshop	Maintenance ,Repair and Use of Laboratory Instrument Training	Dept. of Physics, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G
31	29/01/2016	National Workshop	Importance of Mathematics	Govt.L.C.S. College AmbagarhChawki(C.G.)
32	12/01/2015 to 24/12/2015	Workshop (FDP)	Computer Training Program	GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G

PROGRAM ORGANIZED:

S.N.	Topic	Institution	Date & Year	Level	Remark	Post
1	Advanced Statistical Tools & Data Analytics for	Department of Zoology, GOVT. DIGVIJAY	06 - 12 Nov 2025	07 Day National Workshop	-	Organizing Secretary

	Multidisciplinary Scientific Research & Innovation	AUTO.P.G. COLLEGE RAJNANDGAON (C.G.)				
2	Employment Guidance & Personality Development	Organized by Employment & Guidance Cell, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON C.G	23 - 30 August 2025	07 Days Workshop	-	Organizing Secretary
3	Sustainable Development & Climate Change (ISSDC-25)	Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON (C.G.)	04 to 06 Mach 2025	03 Days Internatio n Seminar		Organizing Secretary
4	Instrumentation and Analytical Techniques in Scientific Research	Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON (C.G.)	24 Jan to 31 Jan 2024	One Week National Workshop		Organizing Secretary
5	Conservation of National Resources and Sustainable Development	Department of Zoology, GOVT. DIGVIJAY AUTO.P.G. COLLEGE RAJNANDGAON (C.G.)	03/06/2 2 to 05/06/2 022	2 Days National Seminar	-	Organizing Secretary

