

Evaluative Report
Dr. Deepa Pandey Chaturvedi
Department of Chemistry

Sl. No.	Particulars	DESCRIPTION
1.	Name of the department	Chemistry
2.	Name Of Faculty	Dr. Deepa Pandey Chaturvedi
3.	Husband's Name	Mr. Devang Chaturvedi
4.	Date of Birth	24-08-1975
5.	Address	Rawatpura Colony, Mathpurena, Raipur
6.	Contact No.	8819930256
7.	Email ID	Chaturvedideepa1@gmail.com
8.	Details of courses/programmes Teaching	B.Sc., M. Sc.
9.	Subject specialization	Synthetic chemistry, Natural product Chemistry, Peptides
10.	Number of Teaching places After Joining C.G. Government, Higher Education Department.(Through PSC)	Govt. K.H. College Abhanpur, Raipur
11.	Date of Joining	27.09.2014
12.	Date of confirmation	27.09.2016

Academic Record

Name Of Degree/Exam	Board / Univ.	Year	Division
Ph.D.	<i>Medicinal and Process Chemistry Division, Central Drug Research Institute (CDRI), Lucknow.</i> <i>*Supervisor: Dr. Wahajul Haq, (Agra University, Agra, India, May 2007)</i>	2007	Topic of thesis: "Design and synthesis of macrolide derived antibacterials and peptides as immunomodulators"
M.Sc. Chemistry (Organic Chemistry)	Pt. R. S. S. University, Raipur, C.G.	1997	Ist, Marks percentile: 75%.
B.Sc. (Chemistry, Geology, Botany)	Pt. R. S. S. University, Raipur, C.G.	1995	Ist, Marks percentile: 70%.
Higher Secondary(Chemistry, Biology, Physics)	M.P. Board, Bhopal	1992	Ist, Marks Percentile: 72%
High School (Science, Maths, Social Science)	M.P. Board, Bhopal	1990	Ist, Marks percentile: 67%
CSIR-UGC NET	CSIR-UGC	2000, 2002, 2003	Lectureship
CSIR-SRF	CSIR	2004	

13.**Teaching Experience**

Designation	From	To	Name of Institute	Nature of post
Asst. Professor	27.09.2014	Till Date	Govt. K. H. College, Abhanpur, Raipur	Govt. Regular
Asst. Professor	20.07.2010	5.12.2013	Vishwakarma Institute of Technology, Pune	Contract basis
Lecturer	10.01.2010	30.04.2010	Cummins College, Pune	Part time

14.**Work Experience**

Designation	From	To	Institute	Nature of job
Research Associate (CSIR, New Delhi)	20.07. 2007	30.07.2008	University of Rajasthan, Jaipur	Research
Research scientist	2.08.2006	5.02.2007	Wockhardt R & D, Aurangabad	Research

15.**Orientation/ refresher/FDP Courses Attended**

1	98 th Orientation Course	HRDC, University of Rajasthan, Jaipur	27 th July-22 nd August 2015
2	Online Refresher Course in Chemistry	MHRD, SWAYAM, offered by Guru Teg Bahadur Khalsa College, Delhi	Enrolled on 19.12.2018 Examination held on 30.3.2019 Certificate issue date: 29.05.2019
3	Online Refresher Course in Chemistry	MHRD, SWAYAM, offered by Guru Teg Bahadur Khalsa College, Delhi	Registered on October 10.10.2019 Examination held on 16.02.2020 Certificate issue date: 30.06.2020
4	Online multidisciplinary Refresher Course	HRDC, Pt. Ravi Shankar Shukla University, Raipur, C.G.	5 th Oct-17 th Oct 2020
5.	“ERUDICTI ON 2020” Online FDP	Organized by PG department of chemistry, IQAC Payyanur College in association with the Kerala State Higher Education Council	23-28 May 2020
6.	National E-Short term Course	Department of Chemistry and Botany, Govt. SNPG College, Khandwa, MP	28 May-03June 2020
7.	Online International FDP” Skilling teachers for online	Department of Humanity, UKA TARSADIA University, Gujrat	02-06 June 2020

8.	Education” National Virtual FDP	Department of Applied Sciences and Humanities, University of Petroleum and Energy Studies, Dehradun	08-13 June 2020
9.	National online FDP on Four Quadrant Model for Development of e-content, MOOCs and Teacher’s e- kit	GAD-TLC, SGBT Khalsa College, University of Delhi, under PMMMNMTT	29 th Sep-05 th Oct 2021
10	Online FDP on “Emerging Trends in Applied Chemistry”	SGT University, Gurugram, Delhi, NCR.	30 th May-4 th June 2022
11.	Virtual One Week FDP on “Chemical Sciences- Recent Trends and Applications ”.	Department of Chemistry, UIS, Chandigarh University, Mohali, Punjab.	6 th -10 th June 2022
12.	National online FDP on “ Advanced Characterizat ion Techniques (ACT-2022)	Department of Chemistry, UIS, Chandigarh University, Mohali, Punjab.	25 th -30 th July 2022
13.	National online FDP on “ICT tools for effective Teaching and Learning”	Kamala Nehru College, Nagpur, Maharastra	29 th May to 3 rd June 2023
14.	National online FDP on “Quality in Higher Education and NEP 2020”	Tilak College of Science and Commerce and GAD- TLC, SGBT Khalsa College, University of Delhi, under PMMMNMTT	7 th -13 th June 2023

15. National online FDP on “Research Methodology” Kamala Nehru College, Nagpur, Maharastra 24th-29th June 2023

16. Seminar Organized

1. Two days National Seminar on 16-17 January 2018 “Environmental Conservation and Sustainable Development in Chhattisgarh”.

17. Project Sanctioned

1. Projected sanctioned from CGCOST, Raipur INR 50,000 for conducting National seminar
 2. Project submitted to CGCOST, Raipur for INR 5,00,000 minor research project

18. Seminars/ Workshops Attended

Sn	Date	Topic	Catagory
1.	4-6 Oct 2013.	“Frontiers of Chemistry physics and biological sciences (FCPBS-2013)”, at University of Pune, Pune (Maharastra)	National
2.	25-26 th Nov. 2014.	“Retrospect and prospect of Rural Development in India: with special reference to Chhattisgarh”, at Govt. K.H. College Abhanpur, Raipur, C.G	National
3.	10-11 Jan 2016	“Environmental Problems in Chhattisgarh: Challenges and solutions”, at Govt. Rajeev Lochan College, Rajim,	National
4.	17-18 th January 2017	“Soil Quality & Public Health (SQPH)”, at Govt. Digvijay Autonomous P.G. College, Rajnandgaon	National
5.	16-17 th January 2018	“Environmental Conservation and Sustainable Development in Chhattisgarh” at Govt. K.H. College, Abhanpur	National
	29 April 2019	“Innovations in chemistry and chemical engineering” Dept. of chemistry, NIT, Raipur	National
6.	28 May 2019	“Blended Learning in Chemistry” at Centre of MHRD, Khalsa College, University of Delhi	National
7.	14-16 November	At DDU Auditorium, organized by ICS Kolkata and PRSU, Raipur.	International
8.	24-25 January	ICME 2020, Organised by Dept of Chemistry, Govt. V. Y. T. P. G.	International

9.	2020 29 May 2020	Autonomous College, Durg. Webinar on“ Application of functionalized carbon nanotube in nanomedicine” by Department of chemistry, REVA University, Bengaluru	National
10.	5-7 June 2020	Webinar on “Post Covid-19 world environment: Prospects and Challenges for Sustainable Development”	International
11.	5-6 July 2020	Webinar on “Modern Instrumental and characterization Technique in Applied Sciences” by Uttarakhand Science Education and Research Centre (U-SERC)	International
12.	7 July 2020	Webinar on “Changing Dynamics of Higher Education in India: Role of ICT” by GAD TLC University of Delhi and Mata Gujri College, Fatehgarh Sahib	National
13.	3-9 May 2021	“National workshop on Intellectual Property Right” by IQAC Cell, Govt. V. Y. T. PG College, Durg and CGCOST Raipur	National
14.	6-7 June 2021	“National Webinar on Ecosystem Restoration” by Eco club, Science Club and IQAC Cell of Govt. V. Y. T. PG College, Durg	National
15.	10-11 August 2021	Web Conference on “Emerging Fields in Chemistry: Advances and Applications” by Department of chemistry, Govt. Kamla Devi Rathi PG College, Rajnandgaon, CG	International
16.	28-29 January, 2022	3 rd International Conference on “Empirical and Theoretical Research (ICETR-2022)” by International Board for Education, Research and Development, Co-organised by Clara’s College of Commerce, Versova, Mumbai, Maharashtra, India.	International
17.	4-5 November, 2023	International e Conference on “Recent Advances in Science and Technology” By IITyam India academy Delhi, Department of Higher Education , Uttrakhand, India.	International
18.	17-18 October 2024	International Seminar on “Modern Aspect in Science and Technology” by Govt. D. B. Girls Autonomous College, Raipur, C.G. India	International

Workshop

Sn	Date	Topic	Institute
1.	4-6 Oct 2015	Chemistry teachers and trainers workshop	Pt. R. S.S. University, Raipur
2.	15-16 Jan 2016	Workshop of sports	Govt. K. H. College Abhanpur
3.	5 th Jan 2016	Workshop of Rusa	Govt. K. H. College Abhanpur
4.	12 th Jan 2018	Workshop of NAAC	Govt. K. H. College Abhanpur
5.	10 th March 2018	Environmental Conservation and Sustainable Development	Govt. Radhabai Naveen College, Raipur

19.

Publication

1. Synthesis and antimicrobial activity of erythromycin-A oxime analogues **Deepa Pandey**, S.B. Katti, W. Haq, C.K.M. Tripathi, *Bioorg. Med.Chem.*, 2004, 12, 3807-3813
2. Adjunct effect of immunostimulating hexapeptide analogous to human beta-casein fragment (54-59) to sodium stibogluconate against experimental visceral leishmaniasis. Suman Gupta, V. M. L. Srivastava, Anju Puri, **Deepa Pandey**, and W. Haq, *Immunopharmacology and Immunotoxicology*, 2004, 26, 425-434.
3. Immunomodulation by peptide analogs of retroviral envelope protein. S. Mehrotra, K. P. Mishra, V. S. Yadav, M. Bhattacharya, **Deepa Pandey**, W. Haq, V.K. Singh, *Peptides*, 2003, 24, 979-985.
4. New acylides: synthesis of 3-O-[γ -(4-oxo-2-arylthiazolidin-3-yl)butyryl]erythromycin A derivatives. **Deepa Pandey**, Wahajul Haq* and Seturam B. Katti. *Beilstein Journal of Organic Chemistry*, 2008, 4, No. 14.
5. Barleria Quinon – I from the heartwood of *Tectona grandis* Linn. Pahup Singh, **Deepa Pandey**, Jaya Mathur, Lalit Pal Singh, *Indian Journal of Chemical Society*, Oct 2009, 85, 1060-1063.
6. A solvent free approach towards the synthesis of thiazolidine-4-one over metal chloride surface. Deepa Pandey Chaturvedi, Wahazul Haq, *Environment observer*, Oct.2013, 13, 127-128, ISSN 2322-5997 (Short Communication)
7. Impact of transport layer on the performance of all inorganic tin (Sn) based perovskite solar cells. P. Roy, Y.K. Dongre, S. Tiwari, D. Chaturvedi, A. Khare, *IOP 1120 (2021) 012016*, doi:10.1088/1757-899X/1120/1/012016
8. Testing and analysis of pond water in Abhanpur Tehsil of Chhattisgarh, India. Deepa Chaturvedi, *International Journal of Scientific Engineering and Research (IJSER)*, 2021, 9 (9). ISSN (online): 2347-3878
9. A solvent free approach towards the synthesis of thiazolidine-4-one over metal chloride surface. Deepa P. Chaturvedi, Manasi Ghamande, *International Journal of Novel Research and Development (IJNRD)*, Vol 8, Issue 3, 2023, ISSN 2456-4184, d458-d462.
10. Harnessing the phytochemistry and pharmacological roles of *Andrographis paniculata*, Deepa Pandey Chaturvedi, *International Research Journal of Management Science and Technology (IRJMST)*, ISSN 2250-1959(O) & ISSN 2348-9367(P), UGC ID 47959, Vol 15, Issue 7, 2024, 60-69.
11. A facile synthesis and antimicrobial activity of erythromycin-2'ester. Chaturvedi DP, Haq W. *Journal of Research in Chemistry (JRC)*, **E-ISSN: 2709-9423 & P-ISSN: 2709-9415**, JRC 2024; 5(2): 60-64

20.

Other Achievements

1. M.Sc. Gold Medal
2. CDRI Research Fellowship
3. CSIR-SRF
4. Second Best Poster award in the "Seventh National Conference" of Indian Society of Chemists and Biologists on December 26-26, 2003 held at Dr. Bhim Rao Ambedkar University, Agra.
4. Cambridge International Certificate for Teachers and Trainers (CICTT) with distinction.

21.

Student projects

1. Submission of chemistry e-assignment through e-mail (B.Sc. II).
2. Laboratory based mini project (Participating group B.Sc. III)
3. Presentation of project by using PPT (B. Sc II, B. Sc III)
4. Group Project on water analysis (B. Sc III)

23. Work Experience in Various Committee

S.N. Experience as Member

1. • NAAC
2. • IQAC
3. • Red cross
4. • UGC
5. • Cultural
6. • Sanitation
• Sports
• Career Counselling

24. Enrichment Programmes for Students

Educational Visits 1.

S.N	Date	Place of Educational Visits
1.	3.02.2017	Science Centre Raipur
2.	3.02.2017	Indira Gandhi Agricultural University, Raipur
3.	27.01.2018	Lac factory, Dhamtari
4.	09.03.2024	Jaiswal NIICO steel Industry, Siltera, Raipur
5.	05.10.2024	Tarwani Soap Industries, Dhusera, Raipur
6.	11.10.2025	CIPET, Raipur

Teaching methods adopted to improve student learning

- Use of Power point presentation
- Presentation by students
- Lab based Project by students
- Assignments
- Poster presentation
- Guest lectures
- Study tours, Special coaching
- Flip Classroom, quiz