

Curriculum Vitae

Name : Dr. Chanda Verma
Address (Official) : Deptt. Of Chemistry
St. Thomas college ,Bhilai (C.G), India
Address (Residence) : Block No.E-7, Flat No.15, Chouhan Town , Junwani Road
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Phone No. Mobile - (9406241071)
Place of Education : Bhilai, Jabalpur and Bilaspur

Area of Specialization:

- Organic Chemistry
- Environmental Chemistry

Work Experience :

- Working From August 1993 till the present, teaching Chemistry at St. Thomas College, Bhilai C.G, India.
- Fellow of Indian Chemical society
- Member of Internal Quality Assurance Cell of St. Thomas College.

Awards

- Best Teacher Award 2015 (Rotary Club) Bhilai Crown

International Linkages and Collaborative Research :

Year	University/Agency	Area of Work
2013-2015	Chhattisgarh Council of Science and Technology Co-Investigator	Design and Develop Bio-Adsorbent for Removing Anionic Surfactants and other Pollutants from waste water bodies of Durg- Bhilai Region.
2016	BRNS (Board of Research in Nuclear Sciences). Co-Investigator	Spatial distribution of uranium and associated water quality parameters in Durg and five nearby districts

Courses Attended :

UGC sponsored Orientation course from 12th July 2003 to 8th August 2003 at Banaras Hindu University, Varanasi.

Courses Conducted:

Co-convener of National Symposium on “ Chemistry -Our Life and Our Future 2011
Co-convener of Two day national Conference on “Innovation and Advancement in Chemical Sciences and Technology”, Sponsored by Chhattisgarh Council of Science and Technology, Raipur 2015
Co-convener of International Webinar on “ Paradigm Shift in Chemical Sciences”- Present Scenario...2020
Convener Of Webinar “ Organizational Initiatives Towards Society” Organized by Alumni Association of St. Thomas College, Bhilai 2020
Organizing Secretary of “A Talk on Patent Filing In Science”2021
Organizing Secretary of On line Quiz Competition on “Catch The Rain” : Water Conservation 2021

Additional Responsibilities:

- Member of Examination Committee , St. Thomas College, Bhilai
- Member of Internal Quality Assurance Cell ,St. Thomas College, Bhilai
- Convener of St. Thomas Alumni Support Association (STASA)
- Convener of Cultural Committee (Kala Pratibha Cultural Competition)
- Professor in Charge St. Thomas College Student Union Council
- Convener of Discipline Committee
- Co-Convener of Committee for Prevention and Sexual Harassment
- Nodal Officer Admission Committee , St. Thomas College Bhilai

Publications:

- Spectrophotometric determination of SLS as a prime anionic surfactant and contaminant in Central East Chhattisgarh. Rasayan Journal of Chemistry, Vol.No.2, 2008 page 236 – 245
- Reliable technique for the determination of Sodium dodecyl sulphate by crystal violet in relation to the effluents of Durg-Bhilai region. J.Chin. Chem. Soc., Vol.56, No.6, 2009
- Rapid reliable method to remove Sodium Dodecyl sulphate using natural Bio-adsorbate Res.J.Chem.Environ.Vol.15(2) ,2011,29 – 33
- Natural Adsorbent : Removal of Anionic Surfactant from Grey water and its comparison with chemical adsorbent. Journal of Energy Technologies and Policy 33(11),280 -291
- Medicinal Plants the key Bio- Adsorbent for Anionic Surfactant (SDS) from Waste water. Chemical and Process Engineering Research (Vol.15, (2013)
- Cost Effective Natural Adsorbent for the Removal of Fluoride: A green Approach, Rasayan journal. Chemistry, Vol.12, 455- 463 (2019)

National and International Conferences & Seminars (Presented Paper) :

- International Conference on Status of Science and Technology in Chhattisgarh State organized by Bhilai Institute of Technology, Durg on 19-20 March 2015

- National council of recent trends in Chemical society 2014, entitled “Investigation and comparison of Synergism in binary mixture, SDS-TX-100 and SDS-Twin 80”
- Emerging trends in Chemical Sciences, 18-19th Nov.2011 at Kalyan PG College Bhilai Nagar sponsored by UGC, New Delhi and supported by CG Cost, Raipur. Paper presented entitled Economic feasibility analysis of low cost adsorbent for the removal of surfactant from waste water of Durg-Bhilai region.
- Indian Chemical society, 37th annual convention of Chemists 2010, presented a paper entitled Natural Bio-adsorbate, removal of SLS from waste water of Durg-Bhilai region, Paper No.AEC(OP);10
- Environmental science and its applications towards water treatment, paper presented entitled Bio-adsorbent : Removal of anionic surfactant from waste water, 15-16 July 2010, sponsored by AICTE, held at BIT, Durg
- Removal of anionic surfactant using bioadsorbate from waste water, ICCE 2009 and PACCON 21-23 Jan. 2010 at Ubno Ratchantani , Thailand .
- Surfactant modification of mineral surfacesfor enviornmental applications, National seminar on advances in enviornmental ; Science and engineering, 8-9th Jan. 2009, at BIT, Durg, sponsored by AICTE New Delhi
- Modern trends in Enviornmental Science and Engineering, 7-8th Nov. 2008, at BIT, Durg, Organised by Dept.of Engg.Chemistry, BIT, Durg Paper presented entitled Spectrophotometric determination SLS as a prime contaminant in Central East Chhattisgarh (Certificate of Appreciation)

Work Shops (Paper presented) :

- Workshop on water quality management, 22nd January 2010 presented paper on reliable technique to remove SDS from waste water using Bio-adsorbent in Chhattisgarh basin. Organized by Central Ground Water Board, Ministry of water resources, Govt. of India, Raipur.
- Spectrophotometric determination of SLS as a prime anionic surfactant and contaminant in Central East Chhattisgarh , Workshop on Ground Water Scenario and quality in Chhattisgarh, 4-5th March 2009, Central Ground Water Board, Ministry of water resources, Govt. of India, Raipur. (Presented Paper)

Resource Person :

As Resource person in State Level Seminar on “Waste Management – Issues & Options on 24th January 2017

