

CURRICULUM VITAE



VANDANA GROVER

Designation: Associate Professor

Department: Chemistry

Official Email ID:vandanagrover26@bbdniit.ac.in

ACADEMIC/INDUSTRIAL EXPERIENCE:- 15 years

PROFESSIONAL EXPERIENCE

Designation –Associate Professor

AUG. 2009 – PRESENT

Department of Chemistry

Babu Banarsi Das Northern India Engineering College, Lucknow

Responsibilities:

- Delivered scheduled lectures to BTech 1st year.
- Class Co-coordinator of BTech. Ist year.
- Taking all the Examination responsibility of BTech First year.
- Collected educational information and taught to students during classes. .
- Evaluate and grade students' class work, laboratory performance, assignments, and papers.
- Revised and modified old lessons to be used in the next semester.

Designation - Lecturer

AUG.2005 - MAY2009

Coaching Classes, Lucknow

Responsibilities:

- Delivered scheduled lectures to 9 – 12 Classes.
- Provides a positive environment in which students are encouraged to be actively engaged in the learning process.

Designation – Lecturer

APR. 2003 – JUNE2005

Department of Chemistry

King George Inter College, Lucknow

Responsibilities:

- To assist in the development of learning materials, preparing schemes of work and maintaining records to monitor student progress, achievement and attendance.
- To contribute to the development, planning and implementation of a high quality curriculum.

Designation – Adhoc Lecturer**SEP. 2000 – SEP2002****Department of Chemistry****M.L.K.(P.G.)College, Balrampur****QUALIFICATION: -****Doctor of Philosophy (Ph.D.) in Chemistry**

Dr. R.M.L (Awadh) University, Faizabad, India, 2003

Topic of Research: “*Photochemistry of Metal Carbonyl of High Valent Complexes*”**Master of Science (M.Sc.) in Organic Chemistry**

Dr. R.M.L (Awadh) University, Faizabad, India, 1999

Bachelor of Science (B.Sc.) in Zoology, Botany & Chemistry

Dr. R.M.L (Awadh) University, Faizabad, India, 1997

AREA OF INTEREST:- Organic Chemistry, Applied Chemistry**RESEARCH PUBLICATION:-**

1. **Grover ,V.** Rehenium Carbonyl:A recent trend in Photochemistry In National Seminar on Newer Trends in Physico-Chemical Techniques, Organised by Department of Chemistry, University of Lucknow.
2. **Grover ,V.**Biological Activity of Artemisia Essential Oil in **Indian Perfumer (2020).**
3. **Grover, V.**A recent study of Osmium Carbonyl in Photochemistry In All India Seminar on Sources of Planet Energy, Environmental & Disaster Sciences: Challenges and Strategies (**SPEEDS-2013**) organized by The Institution of Engineers (INDIA) U.P. State Centre, Lucknow and School of Management Sciences, Technical Campus Lucknow .
4. **Grover, V .**Impact of Tanneries on ground Water contamination in Unnao district Green Chemistry and Technology Letters 2 116-123 (2016)
5. **Grover, V.** Study of equitable of Resources for sustainable development In National Seminar on sustainable Energy Resources held on 14 Dec 2016 at SR Institute of Management and Technology.
6. **Grover ,V .**Integrated Study and Role of Fuel energy in Future In National Seminar on Save Fuel, Electricity, Energy, Environment and water held on March 13 2016 at Shri Jai Narain P.G. College, Lucknow.

- 7 Grover ,V. Sinha ,S .and Narang,P(2020). Medicinal property of of Tinospora Cordifolia in Epidemic, Role of Medicinal Chemistry in the current scenario proceeding of World Conference 2020. ISBN:978-620-2-68416-3:40-43.
- 8 Gulati Narang, P. and Grover,V (2020). To study the beneficial effect of Eucalyptus GlobulusRole of Medicinal Chemistry in the current scenario proceeding of World Conference 2020. ISBN:978-620-2-68416-3:121-123.
- 9 Grover,V (2020). Cardamom- A Beneficial Spice ; Indian Perfumer ,64.14-18 (2020)
- 10 Grover,V (2020). Medicinal Properties of Tinospora cordifolia in Current Epidemic; Proceedings of World Conference 2020 on Role of Medicinal Chemistry in the Current Scenario ISBN: 978-620-2-68416-3 Publisher; LAP LAMBERT Academic Publishing.
- 11 Grover,V (2020). Protection of Human Health and the Environment; Proceedings of National Conference 2020 Effect of Carcinogenic Polycyclic Aromatic Hydrocarbons on Environment ISBN: 978-620-3-02487-6 Publisher; LAP LAMBERT Academic Publishing.
- 12 Grover,V (2020). Effect of Radiations of Mobile phone on Human Health ; Proceedings of Indo Egyptian Conference 2020 on Health Sciences and Radiology ISBN: 978-620-2-91932-6 Publisher; LAP LAMBERT Academic Publishing

BOOK PUBLICATION:- A Textbook on Environmental Studies and Sustainability by AITBS Delhi August 2021

FDP / FTP / CONFERENCES ATTENDED:-

- “Sustainable Development of Green Chemistry in Chemical Engineering” Rajkiya Engineering College , Kannauj,UP, India sponsored by AKTU, From 28 Jan.to 1 Feb.2021
- “Plastic recycling Challenge and Opportunities” Department of Chemicals and Petrochemicals and Fertilizers, Gov. of India, Central Institute of Petrochemicals Engineering and Technology, IPT,Lucknow, 15 to 19 Feb, 2021.
- Outcome based Education and NBA Accreditation” organised by Department of Applied science and Humanities Boddaha Institute of Technology dated 31st March to 4th April 2021.

- Online Orientation Training Programme for Mentor organised from 27th September to 1st October 2021 under National Initiative for Technical Teachers Training.
- Attended Webinar on 'Forensic Entomology and its Relevance in Legal Proceeding', University of Lucknow ,June 29-30 (2020)
- Attended webinar on "Our Lives, Our Rights", Department of Chemistry, Dayanand Girls PG College ,Kanpur, July 14-15 (2020).Attended webinar on "Biodiversity"BBD NIIT Lucknow; June 5 (2020).
- Attended Webinar on 'Forensic Entomology and its Relevance in Legal Proceeding', University of Lucknow ,June 29-30 (2020).
- Attended World e- conference on "Role of Medicinal Chemistry in the Current Scenario" University of Groningen, July 3-5 (2020).
- Attended webinar on "Our Lives, Our Rights", Department of Chemistry, Dayanand Girls PG College ,Kanpur, July 14-15 (2020).
- Attended webinar on “Sustainable Methodologies in Polymer Engineering”, Department of Chemistry & Association of Chemistry Teachers, North Zone , BBDNIIT, LUCKNOW, on December 10, 2020.
- Attended webinar on “ National Webinar on Functional Materials”, Society for Promotion of Material Science, Nagpur, on Feb 21, 2021
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- Attended international Webinar on” Innovation in Science and Technology IWIST-2021”, Department of Chemistry, Smt. Narasamma Arts, Commerce and Science College, Mumbai on 27 Feb, 2021.
- International one week faculty development program on “Research Methodology “ Amar sewa Mandals Kamla Nehru Mahavidalaya, Nagpur 2nd May to 7th May 2022.
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International Webinar

- Attended international Webinar and poster presentation on " Women in Science: Opportunities and Challenges" Isabella Thoburn College Lucknow,May 8 (2020).
- Attended World e- conference on "Role of Medicinal Chemistry in the Current Scenario" University of Groningen, July 3-5 (2020).
- Attended Three days International Virtual Conference on ”Post – Covid Global Scenario : Threats and Opportunities”, Department of Commerce and Management Studies,ST.

Joseph's College, Kerala collaboration with Graduate Business ,Christian Brothers University, USA on Feb 27-29. 2021

- International Webinar on Chemistry Education, Association of Chemistry Teachers (ACT), Mumbai, Department of Chemistry, Kamla Nehru Mahavidyalaya Nagpur and Department of Chemistry, Govt. Madhav Science PG College, Ujjain on 4th and 5th February 2022 under ACT Research Convention-2021

- **ACHIEVEMENTS:-**

- NPTEL Online Certification Course: Biochemistry
- Human Value Based 8 days FDP
- Importance of Takniki Shabdavali in Technical Education in August 16-17(2019).
- NPTEL online certification course : Accreditation and Outcome based Learning

- **Memberships**

- Indian Association of Chemistry Teachers.

OTHER RESPONSIBILITIES:

- Class Coordinator of BTech First Year.
- Proctorial Board Member
- Fine Art Assistant Coordinator

Date: 6/06/2022

Place: Lucknow

BBDNIIT

(Dr Vandana Grover)