

CURRICULUM-VITAE

Dr. MEENU GUPTA



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EDUCATION QUALIFICATION:

- Passed B.Sc. from C.C.S. University, Meerut
- Passed M.Sc. from C.C.S. University, Meerut
- N E T - 2006, 2007
- JRF - 2007
- GATE - 2006,2007
- National Doctoral Fellowship (NDF) – 2009
- Ph.D. from IIT Roorkee (Biotechnology). 2014

SPECIALIZED AREA: Enzyme technology, Extremophiles, Nanotechnology and Medicinal Botany

PUBLICATIONS:

- Meenu Gupta, Shilpi Aggarwal, Naveen Kumar Navani and Bijan Choudhury Isolation and characterization of a protease producing novel haloalkaliphilic bacterium Halobiforma sp. strain BNMIITR from Sambhar lake Rajasthan India. Annals of Microbiology .
- Shilpi Agarwal, Meenu Gupta, Bijan Choudhury. Solvent free biocatalytic synthesis of isoniazid from isonicotinamide using whole cell of Bacillus smithii strain IITR6b2.

Journal of Molecular Catalysis B: Enzymatic (2013) 97:67–73. ISSN: 1381-117.

- Shilpi Agarwal, Meenu Gupta, Bijan Choudhury. Bioprocess development for nicotinic acid hydroxamate synthesis by acyltransferase activity of *Bacillus smithii* strain IITR6b2.J Ind Microbiol Biotechnol (2013) 40:937–946.
 - ISSN: 1367-5435 (printversion)
 - ISSN: 1476-5535 (electronic version).
- Vikash Babu, Shilpi, Meenu Gupta, Bijan Choudhury. Opportunities and challenges for enzymatic surface modification of synthetic polymers. Green chemistry for environmental sustainability.(2010) Taylor and francis group CRC press.LLC, Florida, Boca Raton, USA, pp 93 -104.
- Prashant Agarwal , Neeraj Agarwal , Meenu Gupta and Bindu Sharma: Antibacterial Activity of Plants Extracts against Methicillin-Resistant *Staphylococcus aureus* and Vancomycin- Resistant *Enterococcus faecalis*. J Microb Biochem Technol 2016, 8:5 DOI: 10.4172/1948-5948.1000316.
- Satya Vivek Jaiswal, Neeraj Agarwal, Meenu Gupta: In Silico approach for designing novel urea/ thiourea and Schiff base of quinazolinone derivatives of molecular docking H⁺ / K⁺ -ATPase inhibitors. Elsevier : Results in Chemistry.
- Meenu Gupta and Kumari Seema :Living Nanofactories: An Ecofriendly Approach Towards Medicine and Environment, Bio-manufactured Nanomaterials Perspective and Promotions, Springer 2021 ISBN 978-3-030-67222-5. DOI.org/10.1007/978-3-030-67223-2.
- Meenu Gupta and Shyama Roy :Medicinal and Aromatic Plants of Bihar and Their Potential Application : A Review, Biological Sciences Impacts on Modern Civilization, Current and Future Challenges 2021 ISBN : 978-81-947417-9-4.
- A practical Book for B.Sc. 1st year Botany Students was published as Co author in July 2019.

- **Editorial Board member of Journal of Pharmacogenomics & Pharmacoproteomics**

EXPERIENCE:

- ✓ 2 years as Assistant professor in BIRTM (Biotechnology) Bulandshahr.
- ✓ 1 year as Assistant professor in IAMR Ghaziabad.
- ✓ Worked as Assistant Professor Botany in Government college of girls Gurugram from 2017 to 2020.
- ✓ Presently Working as Assistant Professor and H.O.D. Botany in J.D.W.C.PATNA.

Resource Person

- ❖ **Resource Person in International Conference organized by Tripura in September 2020.**
- ❖ **Resource Person in FDP Organized By MIET Meerut in October 2020**
- ❖ **Delivered Lectures in many Student Development Programs , Webinars and E-symposium**

Conferences

- ❖ **Participated in IABS Satellite International Conference on Interface of Biotechnology & Modern Medicine 24 feb 2020.**
- ❖ **Participated and got first Prize in oral presentation in National Conference on Environment : An Intelligent Recycling System Organized by GCG Sector 14 Gurugram.**

OTHER

- ❖ **Judged National Science congress in Kendriya Vidyalaya 2018**
- ❖ **Quiz Master in Science Quiz (District Level) held in G.C.G. Sector 14 Gurugram on 1st October 2019.**
- ❖ **Done FDP on Computational Biology, La tex & Xfig, SCILAB and Drug Free Campus**
- ❖ **Qualified for Post of Assistant Professor Botany in Many States ie UPPSC, RPSC, HPSC and BPSC.**
- ❖ **Third Position in University in Masters and topper of college throughout.**

(MEENU GUPTA)