

**MAGADH MAHILA COLLEGE
PATNA UNIVERSITY**

FOR SELF APPRAISAL OF TEACHERS



General Information

Name : Madhu Kumari Gupta

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PAN No. : BCCPG1877J

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Phone No. :

Date of Birth :15/10/1984

Designation : Assistant Professor in Chemistry

Department : Chemistry Department

Date of Joining : 15/11/2017

Date of Conformation :

Date of Promotion :

Area of Specialization : Organic Chemistry

Academic Qualifications

Exam Passed	Board/ University	Subjects	Year	Division/ Grade Merit etc.
High School	BSEB, Patna	All subjects	1999	1 st
Higher Secondary or Pre-degree	BIEC, Patna	Physics, Chemistry, Biology, Hindi, English, Library Science	2001	1 st
Bachelor's Degree (s)	Patna University	Chemistry(Hons), Bot(S), Zoo(S), Hindi, GS	2005	1 st
Master's Degree (s)	Patna University	Chemistry	2007	1 st
Research Degree (s)	Patna University	Chemistry	2012	

Research Experience & Training

Research Stage	Title of work/Theses	University where the work was carried out
Ph.D.	Structural and biochemical properties of macrocyclic biguanide derivative complexes of metal ions	Patna University

Publications

1. Isolation and resolution of octahedral cis-dinitrobisbiguanidiniumcobalt(III)complex salts. Page no. A-10 (Proceedings of the 45th Annual Convention of Chemists and international Conference on Recent Advances in Chemistry. Indian Chemical Society 2008
2. Antifungal activity of complexes of piperazine dibiguanide ligand. Page no.33-36 (Patna University Journal of Science, Vol 1 , October 2010)
3. Hydroponics : A method to analyse the effect of the Micronutrient concentration on the growth of Moong plants. page no.6-10 (Jigyasa, A research journal of Magadh Mahila College, Patna University, Patna)
4. Spectrochemical and biochemical aspects of Complexes of Co (III) with mixed ligands, biguanide C₂H₇N₅ and pyridine C₅H₅N. Page no. 211 and 2012 (99th Indian Science Congress 2012, Bhubaneswar)
5. Studies on Spectral and Antifungal Activity of Some Complexes of Chromium, Nickel and Copper Metals with p-phenylenedibiguanide [C₁₀H₁₆N₁₀, Ph (BigH)₂] Molecule. Page n93-96o. (American International Journal of Research in Science, Technology, Engineering & Mathematics, 2014)
6. Ultra violet-visible and infrared study of complexes of Co.(III)with mixed ligand biguanideC₂H₇N₅ and pyridine C₅H₅N. Page no.91-201(Journal of Patna Science College, 2013)

Research Projects carried out

Title of the Project	Name of the funding Agency	Duration	Remarks
Studies on Biochemical Properties of Complexes of Metal ions	University Grant Commission Eastern Regional Office , Kolkata	1 year	Submitted and accepted

Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
U.G. B.A. / B.Sc. , etc. Pass B.A. / B.Sc. / etc. Hons.	Magadh Mahila College, Patna University	2years (adhoc basis)
P.G. (M.A. / M.Sc. , etc.)	Magadh Mahila College, Patna University	2years (adhoc basis)
Any other	Kendriya Vidyalaya Sangathan, New Delhi	6years 11months

Total Teaching Experience : 8years 11months

Under-graduate (Pass) : 2years (adhoc basis)

Under- graduate (Hons) : 2years (adhoc basis)

Post-graduate : 2years (adhoc basis)

National Literacy Mission

- Positions held/Leadership role played in organizations linked with Extension Work and National Service Scheme (NSS), or NCC or any other similar activity:7 day work shop done in 2009