

CURRICULUM VITAE



Dr. MARIYA HASNAT

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Teaching/Research Experience

- Working as an Assistant Professor, Integral University, Lucknow
- Worked as GIS digitization, Central Waqf Council, Ministry of Minority Affairs, Govt. of India, New Delhi
- Worked as Field Officer (GIS) under Dr. Shyama Prasad Mukherjee RURBAN Scheme, Ministry of Rural Department, Govt. of India (University of Allahabad)
- Worked as Visiting faculty at Hamidia Girls Degree College (Central University of Allahabad)

Educational Qualifications:

Exams Passed	University/Institute	Subjects	Division/Rank
Ph.D.	University of Allahabad	Environmental Sciences	Awarded (course work-70 %) (First div. with Distinction)
M. Sc.	University of Allahabad	Environmental Sciences	First (70.20%) (First div. with Distinction)
B. Sc.	University of Allahabad	Applied Science (Biochem., Biophy., Biotech, Environmental sci.,)	Passed with (60.10%)
PG Diploma in Remote Sensing and GIS	Jamia Millia Islamia New Delhi	Remote Sensing and GIS Applications	First (79.8%) (First div. with Distinction))
Intermediate	UP Board	Physics, Chemistry, Biology, English, Hindi	First (72%) (First div. with Distinction))
High School	UP Board	Science	First (64%)
M.A.	UPRTOU	Geography	Passed (59%)

Specialization: Environmental Science, Remote sensing and GIS, Water Resources,

Environmental Pollution, Environmental Geology, Biodiversity

Thesis / Dissertation Work

- Ph.D thesis title: ***“Fuzzy Based GIS Modeling for Identification of Groundwater Potential Zones Using Remote Sensing”***.
- M.Sc. Dissertation title: ***Heavy metals present in cosmetics, identified with the help of FTIR (Fourier Transform Infrared Spectroscopy) and LIBS method***

PUBLICATIONS IN REFERRED JOURNALS

Details of 5 Best Research Papers/Books/Chapters (attach/submit hardcopies)				
S.N.	Title of the Publication	Name of the Journal / Book / Publisher	Month, Year and Vol.	Scopus / UGC CARE Listed/ Referred Journal
1.	Fuzzy Analytical Hierarchy process based GIS modelling for groundwater prospective zones in Prayagraj, India	Elsevier, Groundwater for Sustainable Development, 12, 2021.(IF: 2.8) 2352-801X	2, 2021.(IF: 2.8) 2352-801X	Scopus
2.	Conserving Oceans from Plastic Waste using Convolution Neural Network Model	Ecology, Environment & Conservation.(Web of Science)	30 (October Suppl. Issue) : 2024	Web of Science
3.	Antibacterial activity of isopropanolic extracts of selected Indian spices against isolated Urinary Tract Infectious E. coli	Ecology, Environment & Conservation. (Web of Science)	30 (October Suppl. Issue) : 2024	Web of Science
4.	Fuzzy Criteria based Recognition of Groundwater Prospective Zones using GIS and Remote Sensing	Disaster Advances,(Scopus Indexed) Vol. 11 (8) August (2018).	Vol. 11 (8) August (2018)	Scopus
5.	Relation Assessment of Corporate Social Responsibility and Environmental Sustainability: Beneficiaries Perspective	IEEE (2024)	2024	Scopus
6.	Impact of Socioeconomic Constraint on Sustainable Livelihood in Kaudihar Block, Prayagraj: challenges and Opportunities in Rural development	STAPS JOURNAL.COM	2025 ISSN: 1782:1568	Scopus
7.	Understanding and Biocontrol Management of Panama Disease in Banana Cultivation	Environment and Ecology	2025, 43 (3) ISSN: 0970-0420	SCI

Book Chapters

- ✓ 2 Book chapters published in ***Springer Nature (2024)***
- ✓ 1 Book Chapter published in ***Taylor and Francis CRC Press (2025)***
- ✓ 3 Chapters are under publication process

Other publications

- Fuzzy Criteria based Recognition of Groundwater Prospective Zones using GIS and Remote Sensing. **Disaster Advances,(Scopus Indexed)** Vol. 11 (8) August (2018).
- A review on groundwater investigations using Remote Sensing in India. **Disaster Advances,(Scopus Indexed)** Vol. 11 (3) March (2018).
- Water Resource Management Using Geospatial Technology: A Review with Reference to Groundwater. **SGVU J CLIM CHANGE WATER** ISSN: 2347-7741 Volume 2, Issue 1, 2017, PP.30-33.
- Spatiotemporal & Geostatistical Modelling Of Groundwater Level Depth Over Haryana Punjab, India. **Journal Of Geography, Environment And Earth Science International**, 27, 11, 95-111, 2023

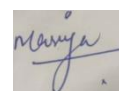
Research Experience			
S.N.		Number	Title, role/capacity/Presentation/Participation and details of funding Institution
a.	Research Projects	01 (Ongoing)	Seed Money Project funded by Integral University, Lucknow I am working as Principal Investigator (PI). “Profiling of Socio-economic Status and Skill Development of Females for Sustainable Livelihood in Kaurihar block, Prayagraj, UP, India”
b.	Ph.D. Guidance	01	“Remote Sensing and GIS -based fuzzy modelling for urban heat island prediction and risk assessment: a novel approach for sustainable urban planning” (in progress)
c.	M.Sc.. Guidance	04+01	Submitted
d.	Seminars / Conferences	15	-

Dissertation/Project work Submitted as a Supervisor:

- ✓ M.Sc. (EVS).final year student Saniya Rehman submitted her dissertation under my supervision. She worked on water quality parameters.(June, 2023)
- ✓ B.Sc. (EVS) final year student (International), Kapalu Sam, submitted his project work under my supervision. He worked on Air Pollution and Low Emission Zones (LEZ). (June, 2023)

Place: Lucknow

Date: 16.05.2025



Signature

