

Manish Kumar,
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 BSNV PG College, Station
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Educational Qualifications

#	EXAMINATIONS	SCHOOL/COLLEGE	BOARD/ UNIV	SESSION	SCORE
1	Ph.D.	Physics Department	Lucknow University, Lucknow	2021- Ownwards	Pursuing
2	M.Tech. (Solid State- Materials)	IIT DELHI	IIT DELHI	2012-2014	8.025
3	M. Sc. (Physics)	Kirori Mal College	University of Delhi	2009-2011	62.80%
4	B. Sc.	D. N. College Meerut	CCS University Meerut	2006-2009	70.90%
5	12 th	D. N. Inter College Meerut	U.P. Board	2006	66.00%
6	10 th	D. N. Inter College Meerut	U.P. Board	2004	62.80%

M. Tech Project

Major Project: Synthesis of Magnetic Nanoparticles for Industrial Wastewater Treatment.

Brief Overview:

Magnetic nanoparticles are of great interest for researcher due to their wide range of applications from biomedicine to data storage and environmental remediation involving waste water treatment.

In this Project, the main objective was to synthesis Co nanoparticles and to study the effect of temperature on the size of the particles and to study their adsorption capability with different molar ratio of the precursor. We used brohydrided reduction technique to synthesis particles. We used XRD, SEM, TEM, UV-VIS spectrophotometer to characterise nanoparticles.

Research Interests

- Multiferroic and perovskite materials for energy application
- Studying Nano materials

Qualifying Exams

- Qualified GATE-2011 and 2012.
- Qualified NET-2012

Scholastic Achievements

- HRD Scholarship: I have secured HRD scholarship for M.Tech Studies in 2012.

Technical Skills

- C, C++,
- MATLAB, LABVIEW

Experience

#	Name of College	Designation	Status	Pay Scale	From	To
1	B.S.N.V. PG College, Lucknow	Assistant Professor	Permanent	57700 (Matrix L-10)	16/042019	Till date
2	Ramjas College, University of Delhi	Assistant Professor	Ad-hoc	15600- 39100(Grade pay 6000)	19/10/2015	15/042019
3	Gargi College, University of Delhi	Assistant Professor	Ad-hoc	15600- 39100(Grade pay 6000)	01/08/2014	18/11/2014

Academic Training Programmes/ seminars/ workshops

- National Seminar on Consumerism, Social Equity and Environmental Sustainability
- National Seminar on "Prospect of Science and Society in the Era of Artificial Intelligence"
- Workshop on Teaching-Learning Through Moodle
- Summer Faculty Research Fellow Programme (SFRF-2020)
- Guru Dakstha Faculty Induction Programme
- Refresher Course in Physical Sciences and Nano Sciences
- Recent Advancement in Functional Material-2022

Hobby

- Badminton, Cricket, Football. Reading Newspaper,

References

- Prof. D.K. Pandya
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IIT Delhi,
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- Prof. Sujeet Chaudhary
Department of physics,
IIT Delhi,
Tel: 01126591341
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- Dr. Sandeep Kumar Pundir,
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