



Institute of Nanomedical Sciences (INMS)

University of Delhi, Delhi

&

Maharaja Surajmal Brij University, Bharatpur, Rajasthan



Certificate Course in Nanomedical Sciences, 2025 in Hybrid Mode

Institute of Nanomedical Sciences (INMS), Delhi University in collaboration with **Maharaja Suraj Mal Brij University (MSBU)**, Bharatpur, Rajasthan is organizing a self-financed, Certificate Course in Nanomedical Sciences in hybrid mode. The curriculum of the course covers all contemporary areas of Nanomedical Sciences and Nanobiotechnology. From providing excellent scope for developing cutting edge technology tools in life saving medicine to remediate and to protect environment with special emphasis on nanomedicine. The interdisciplinary nature brings diverse subjects on a single platform for learners. Eminent scientists have been invited from premier research institutes and industry to teach. The practical sessions will include hands-on experience in various techniques. This certificate course is aligned with the need for highly trained professionals and will prepare the students to meet the emergent challenges of a rapidly developing industry, and envisage novel solutions afforded by new technology.

Eligibility

- ❖ B.Sc. Basic Sciences [Second/Final year students]/B. Pharm /B.E. and B. Tech.
- ❖ M.Sc./M. Pharm/ M. Tech. in Basic Sciences/Engineering
- ❖ Faculty Members, Post Doc, Ph.D. and M.Phil. Students in Science and Engineering.

Course Content

- ❖ Role of physicochemical properties of nanomaterials
- ❖ Biological interactions with nanomaterials
- ❖ Trafficking across biological membranes
- ❖ Nano-biointeractions
- ❖ Drug Delivery
- ❖ Nanotoxicology: Toxicity of nanoparticles
- ❖ Fate of Nanoparticles in the body
- ❖ Nuclear nanomedicine
- ❖ Nano-genomics
- ❖ Nano-biosensors
- ❖ Nanomedicine in the Clinic

Important Dates

- Availability of Google forms: 15th January, 2025
- Last Date for Payment of Fees: 10th February, 2025
- Date of Commencement of course. 17th February, 2025
- Theory: 2 Lectures/week (online classes 4-6 pm)
- Practical: Mid-Sem break/Sat/Sundays
- Assessment: May, 2025

Course Fee

- **Students: Rs. 3000/-**
- **Faculty Members: Rs. 4500/-**

Only Limited Seats are available!

Scan to Register

Scan to Pay



For more details visit inms.du.ac.in

Chief Patron

Prof. Yogesh Singh
Vice-Chancellor
University of Delhi

Patron

Prof Ramesh Chandra
Vice-Chancellor
Maharaja Surajmal Brij University
Bharatpur, Rajasthan

Course Director

Prof. Anita Kamra Verma
Nanobiotechnology Lab
Kirori Mal College
Fellow, DSPH, IoE,
University of Delhi

Co-Coordinator

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Director
Institute of
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