



 **2<sup>nd</sup> Certificate course in hybrid mode  
Nanobiotechnology, 2022**

Institute of Nanomedical Sciences (INMS) in collaboration with Kirori Mal College is organizing a self-financed, hybrid Certificate Course in Nanobiotechnology. The curriculum of the course covers all contemporary areas of nanobiotechnology with an emphasis on its applications in nanomedicine. The interdisciplinary nature brings diverse subjects on a single platform for learners. Eminent scientists have been invited from premier research institutes to teach. Practical sessions include hands-on experience in various techniques. With the expertly planned lectures, the students can explore this field, as scientists are cultivating career opportunities around the world.

**Eligibility**

- B.Sc. Basic Sciences [Final year students]/B. Pharm /B.E. and B.Tech.
- M.Sc./M. Pharm/ M. Tech., and in science (related to Biology, nano or basic sciences)
- Post Doc, PhD. and M.Phil. students in science and engineering(who want to understand concepts in Nanobiotechnology)

**Course Content:**

- ❖ Role of physicochemical properties of nanomaterials
- ❖ Biological interactions with nanomaterials
- ❖ Trafficking across biological membranes
- ❖ Nanobiointeractions
- ❖ Drug Delivery
- ❖ Nanotoxicology: Toxicity of nanoparticles
- ❖ Fate of nanoparticles in the body
- ❖ Toxicity mechanisms
- ❖ Nano-genomics

**Important Dates:**

Availability of Admission forms: **30<sup>th</sup> June, 2022**  
Last Date for Payment of Fees: **10<sup>th</sup> July, 2022**  
Date of Commencement of course: **20<sup>th</sup> July, 2022**  
**Theory:** 3 lectures/week.  
**Practical:** Mid Sem break/Sat/Sundays  
Dates of Assessment: **October 2022**

**Course Fees**  
**Rs 4000/-**

Link to the form- <https://forms.gle/7DAJmcMXkVeFG5rz9>

**Patrons:**

Prof. Vibha Singh Chauhan  
Principal,  
Kirori Mal College

Prof. Ramesh Chandra  
Director, INMS,  
University of Delhi.

**Course Coordinator:**

Prof. Anita K. Verma,  
Nanobiotech Lab, Kirori Mal College

**Co-coordinator**

Renu Kathpalia, Kirori Mal College

**Co-coordinator**

Prof Indrajit Roy,  
Department of Chemistry

Queries: Email: [nbt2022@kmc.du.ac.in](mailto:nbt2022@kmc.du.ac.in) ; Ph: 9818921222