



Kirori Mal College
DSPH, Institution of Eminence (IoE)
Institute of Nanomedical Sciences (INMS),
University of Delhi



 **3rd Certificate Course in Nanobiotechnology, 2023**
Hybrid mode

Kirori Mal College in collaboration with Delhi School of Public Health, IoE and Institute of Nanomedical Sciences (INMS) 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 [Second/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: **5th Oct, 2023**
 Last Date for Payment of Fees: **20th Oct, 2023**
 Date of Commencement of course: **21st Oct, 2023**
Theory: 2 lectures/week (online classes 4-6 pm)
Practical: Mid-Sem break/Sat/Sundays
 Dates of Assessment: **December 2023**

Course Fees
Rs 4050/-

Link to the Form: <https://forms.gle/ugJb3PWMLWKnoeVq7>

Patrons:

Prof. Dinesh Khattar
 Principal,
 Kirori Mal College
 University of Delhi

Prof Rajeev Gupta
 CEO, IoE
 University of Delhi

Prof. Yogendra Singh
 Director, DSPH, IoE,
 University of Delhi

Course Coordinators:

Prof. Anita K. Verma,
 Nanobiotech Lab,
 Kirori Mal College
 Fellow, DSPH, IoE, DU

Prof Indrajit Roy,
 Department of Chemistry
 University of Delhi

Co-coordinator

Prof. Renu Kathpalia,
 Kirori Mal College
 University of Delhi

Queries: Email: nbt2022@kmc.du.ac.in; Ph: 9818921222