

# Kirori Mal College University of Delhi



## **Announces** **Certificate course in hybrid mode** **Nanobiotechnology, 2022**

Kirori Mal College is keen to launch 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, Nanomedicine, Drug Delivery, Targeted Delivery, Nanotoxicology: Toxicity of nanoparticles, Cellular uptake, Predicting fate of nanoparticles in the body, Toxicity mechanisms, Nano-genomics.

### **Important Dates:**

**Availability of Admission forms:** 20<sup>th</sup> Dec, 2021

**Last Date for Payment of Fees:** 10<sup>th</sup> Jan, 2022

**Date of Commencement of course:** 15<sup>th</sup> Jan, 2022

**Theory:** 3 lectures/week. **Practical:** Mid Sem break/Sat/Sundays

**Dates of Assessment:** April 2022

### **Application Forms**

**Google link:** <https://forms.gle/vnjEJ65FGV8k4AYb9>

**\* Limited number of Seats.**

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

### **Course Coordinator:**

Prof. Anita K. Verma, Department of Zoology

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

### **Course Co-Coordinators:**

Dr. Renu Kathpalia, Department of Botany

Dr. Raksha Sharma, Department of Physics

### **Patron:**

Prof. Vibha Singh Chauhan

Principal,

Kirori Mal College