



Nano Acclimatizing programme- 2025

(Certificate course in Nanoscience and Nanotechnology)



Department of Nanoscience and Nanotechnology

University of Kalyani

The programme targets to instill the philosophy of entry level knowledge of nanoscience and nanotechnology into the mind of budding scientists having the thirst of knowledge. It focuses on the nurturing the mind of those who are interested in this exciting and exponentially growing field.

Target audience:

Undergraduates, Working professionals, Researchers. Graduation/ postgraduates in Physics, Chemistry and Biology, Science and Engineering .

This six months course will be conducted in full offline mode with a very strong engagement in hands on training.

Course module in brief:

Module 1: Introduction to Nanoscience and Nanotechnology

Module 2: Nanomaterials: Types, Synthesis, and Characterization

Module 3: Nanofabrication and Nanolithography and Nanodevices

Module 4: Applications of Nanotechnology in Medicine and Healthcare

Module 5: Nanotechnology in Electronics and Energy Systems

Module 6: Ethical Issues and Future Trends in Nanotechnology

Laboratory/Practical Work: Hands-on experience with synthesis and characterization of nanomaterials.

To Apply:

Fill up the google form: <https://forms.gle/7pv8npWU1EoBuJpKA>

Course fee: INR 10000.00

Duration: 6 months

Seat number: 20

Important dates:

Application start: 15. 12. 2024

Application closure: 25. 12. 2024

Commencement of course: 02. 01. 2025

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