

Exposure and Hands-on Training for 3D Maskless Nanolithography, UV-Photolithography and Microphotoluminescence Instruments



Karyashala Program under SERB, Gol.

Organised by:
IIT Kharagpur



Overview

This workshop is being organized for hands-on training of 3D maskless nanolithography, UV-photolithography, nanomaterial growth and Microphotoluminescence instruments that are available at the Department of Physics, Department of Mechanical Engineering, Material Science Centre and School of Energy Science at IIT Kharagpur.

The Hands-on Training will have two parts. In the first few days, operations and scope of research of the fabrication & characterization facilities will be demonstrated. This is common for all participants. Then, individual training modules (mentioned below) will be run in parallel to demonstrate the fabrication techniques, and characterization of the fabricated structure.

Modules:

- 3D maskless nanolithography technique
- UV-lithography technique
- Microphotoluminescence instrument
- Nanomaterial growth technique

Event:

Exposure and Hands-on training for 3D maskless Nanolithography, UV-Photolithography and Microphotoluminescence Instruments

Event Date:

18th-24th July 2022

Registration : Free
(Limited Seats)

Last Date of Registration:

26th June 2022

Associated Members:

Prof. C. S. Kumar
Prof. Chacko Jacob
Dr. Shivakiran B N Bhaktha
Dr. Sajal Dhara
Dr. Trilok Singh
Dr. B. Maruthi Manoj

Online applications are invited from interested students (MSc, M. Tech and Ph.D.) from academia and R&D laboratories for participation in this training program.

For registration and other details:

<https://sites.google.com/view/karyashala-iitkgp2022>

Contact Details:

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