



Module PMRF-ISSS040/2024

## Basics of Micro and Nano Fabrication

### Name of the PMRF student

Avisekh Pal

### Required background of the students taught

Electronics System Engineering (ESE), Electrical and Communication Engineering (ECE), Electrical Engineering (EE), Nanoscience and Engineering, VLSI



### Details of the content of the module

Module 1 (1 class): Overview of micro and nano fabrication

Module 2 (1 class): Concept of cleanroom

Module 3 (2 classes): Choice of substrate

Module 4 (2 classes): Cleaning procedures

Module 5 (3 classes): Deposition techniques

Module 6 (2 classes): Lithography

Module 7 (2 classes): Etching

Module 8 (1 class): Summary

### Schedule of the module

Start date: March 02, 2024

End date: April 14, 2024

Total duration: 21 hours

Class schedule: Every Saturday and Sunday

Class timings: 10 am to 11:30 am

Meeting link : Will be shared later

Contact email ID: [issf.forum@gmail.com](mailto:issf.forum@gmail.com)

Registration link:

<https://forms.gle/sde9sLQJh3AN1MoK6>