

Pulsed Laser Deposition (PLD) Facility
Department of Metallurgical Engineering Materials Science
IIT Bombay, Mumbai-400076

Requisition Form (Internal Users)

Status: Completed/ Delayed/ Cancelled

Date of Submission:

User Name:

Roll Number/Employ code:

Nature of Project: B.Tech/DDP/M.Tech/PhD/IPDF/Sponsored/Other:

Name of the Supervisor:

Name of the Department:

Email:

Mobile:

Fill the below details correctly. Read the specifications mentioned in the facility information before applying for the slot. If any issues/need clarification, visit the lab.

Laser Source to be used (Solid/Gas)	
Target Material (2 cm diameter)	
Substrate	
No. of depositions	
Pulse Energy (mJ)	
Fluence (J/cm²)	
No. of shots	
Repetition rate (Hz)	
Vacuum Level (mbar)	
O₂ Pressure during deposition	
O₂ Pressure during annealing	
Substrate Temperature (°C)	
Annealing Temperature (°C)	
Heating rate (°C/min)	
Cooling rate (°C/min)	

User's Signature

Supervisor's Signature

Prof. Ajit R. Kulkarni (Facility in-charge)

Head of the Department

• Kindly be present on time for the slot given; otherwise, the allotted slot is subject to cancellation.