



NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An Autonomous Institute of National Importance Established by the Act of Parliament)

OFFICE OF THE CHAIRMAN CRFC

Tel: +91-194-2422032 Extn: 2806

Website: <http://new.nitsri.ac.in> Email: crfc@nitsri.net

Requisition form Magnetron Sputter Coating Machine

Date:

Name and Registration No of the Applicant				
Contact No and Email ID				
Name of Supervisor				
Department				
Institute				
Address				
Payment Details (DD No./Cash Deposit Slip)				
Sample Code	Substrate Material	Sample Shape/Dimensions* (l×b×h)	Coating to be deposited (Also mention whether sequential or co sputtering)	Substrate Temperature (°C)

*Samples should be accommodated within the dimensions; Width max: 76.2mm, Height max: 10mm

The following information may be provided if available based on information in various research papers:

Coating Parameters	Layer 1	Layer 2	Layer 3
Target Material			
Pressure (mbar)			
Power Density (W/cm ²)			
Coating Thickness (nm)			
O ₂ % flow**			
N ₂ % flow**			

**For reactive gas sputtering only

- Only one coating will be deposited per requisition form received.
- Date for deposition will be given only after approval from the Chairman, CRFC, NIT Srinagar.
- Form must be duly signed by all of the following:

1. Research
Scholar

2. Supervisor/Faculty/
Others

3. Operator

4. Chairman
CRFC, NIT Srinagar