

RF Sputtering

Photo of Instrument:



Instrument Name	RF Sputtering
Instrument Model & Serial No.	AUTO 500, D1307
Instrument Make	HIND HIGH VACUUM
Category of Instrument	Sample Preparation
Description of Instrument	
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	<ol style="list-style-type: none"> 1. Metals, Metal oxide and Ceramics coating 2. Two-inch Target 3. CO-sputtering
Application of Instrument (Limited to Major 4 or 5)	<ol style="list-style-type: none"> 1. Coating (Thin Films) 2. Semiconductor Industries 3. Biological / Polymer sample coating
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	<ol style="list-style-type: none"> 1. Glass slide / Silicon wafer (max dimension - 75mm×25mm-2nos) 2. Standard cleaning procedure for Glass slide

Materials Science and Engineering Department, NIT Calicut

Types of Analysis / Testing	
Faculty In-Charge Name / Email / Contact	Dr. Soney Varghese soneyva@nitc.ac.in
Technical Staff Name / Email / Contact	
Location of Instrument	Functional Material Laboratory
Other Details	

User Charges:

S.NO.	Type of Analysis/ Testing	Internal - within Department of NITC	Internal - Other Departments NITC	External Academic Educational Institutes	National Labs	Industry
1	1.Coating (Thin Films) 2.Semiconductor Industries 3.Biological / Polymer sample coating		500/hour + Target charges	1000/hour+ Target charges	1000/hour + Target charges	2000/hour+ Target charges

Slot Booking and Payment Work Flow:

Contact the Faculty In-charge and Technical Staff through email