

Malaviya National Institute of Technology Jaipur

Materials Research Centre

Form No:

Facility Request Form

The following are the details of the study I wish to carry out at MRC, MNIT Jaipur

Equipment to be used	No. of Hours/Samples/Runs	Sample Details (Hazardous/Powder/Magnetic/Volatile)	Parameters & Data Requested
HRTEM with EDS			
FESEM with EDS/EBSD			
Sputter Coater			
Confocal Raman /PL			
X-Ray Diffractometer (XRD)			
SPM/AFM			
OES/GDS			
AAS			
Micro Hardness Tester			
Ball Milling			
Optical Microscope			
UTM			
Name:	Email:	Phone No:	
Date of Booking:	Name & Signature of Supervisor:		
Bill/Receipt will be made against			

For office use only

No. of samples scanned		Date of Experiment	
Log Book Page No.		Experiment performed by	
Net Charge	Rs.		

Charges: As per list of charges for MRC facilities. **DD Number & Date:**

Details of payment: Demand Draft Payable in favor of 'Registrar, MNIT Jaipur'.

Declaration by the user

1. I, Mr./Ms./Dr.being an internal user, understand that characterization facilities at MRC are extended to me at a highly subsidized rate and I hereby **confirm** that the samples being characterized **belong to only me/my student working only at MNIT, Jaipur**. The samples characterized are part of the project work titled/ERP No./brief details.....

1. I, Mr./Ms./Dr.hereby confirm that I am fully aware of the **Rebate Policy of MRC** (5% rebate, details available on MNIT website), obtainable upon proper acknowledgement of MRC facilities in the published paper.

2. All Publication of research work, resulting out of the services taken from MRC must acknowledge MRC, MNITJ. I also abide by all the rules and regulations of the MRC/Institute.

Signature & Seal of the supervisor

Signature of User

Faculty Incharge

Head

Malaviya National Institute of Technology Jaipur

Materials Research Centre

Form No:

Facility Request Form

The following are the details of the study I wish to carry out at MRC, MNIT Jaipur:

Equipment to be used	No. of Hours/Samples/Runs	Sample Details (Hazardous/Solid/Powder/Magnetic/Volatile)	Experimental Parameters & Data Requested
SDA+ Probe station (I-V)			
Impedance Analyzer			
FTIR			
UV-Vis-IR			
Fluorescence			
STA/TGA			
DMA			
Particle size Analyzer			
Zeta Potential Analyzer			
Hall Effect Measurement			
BET Surface Area Analyzer			
Chemical Workstation			
COMSOL/Materials Studio Software			
Name:		Email:	Phone No:
Date of Booking:		Name & Signature of Supervisor:	
Bill/Receipt will be made against			

For office use only

No. of samples scanned		Date of Experiment	
Log Book Page No.		Experiment performed by	
Net Charge	Rs.		

Charges: As per list of charges for MRC facilities. **DD Number & Date:**

Details of payment: Demand Draft Payable in favor of 'Registrar, MNIT Jaipur'.

Declaration by the user

1. I, Mr./Ms./Dr.being an internal user, understand that characterization facilities at MRC are extended to me at a highly subsidized rate and I hereby **confirm** that the samples being characterized **belong to only me/my student working only at MNIT, Jaipur**. The samples characterized are part of the project work titled/ERP No./brief details:

2. I, Mr./Ms./Dr.hereby confirm that I am fully aware of the **Rebate Policy of MRC** (5% rebate, details available on MNIT website), obtainable upon proper acknowledgement of MRC facilities in the published paper.

3. All Publication of research work, resulting out of the services taken from MRC must acknowledge MRC, MNITJ. I also abide by all the rules and regulations of the MRC/Institute.

Signature & Seal of the supervisor

Signature of User

Faculty Incharge

Head

Malaviya National Institute of Technology Jaipur

Materials Research Centre

Form No:

Process & Sample Preparation Facility Request Form

The following are the details of the study I wish to carry out at MRC, MNIT Jaipur:

Equipment to be used	No. of Hours/Samples/Runs	Sample Details (Hazardous/Solid/Powder/Magnetic/Volatile)	Experimental Parameters & Data Requested
RF-DC Sputtering Unit			
Thermal CVD			
Vacuum Coating Unit(PVD)			
Spin Coater /Microwave Reactor			
Tenupol			
PIPS II			
ILLION			
Diamond Cutter/Abrasive Cutter			
Automatic/Manual Polisher			
Hot Mounting Press			
Name:	Email:	Phone No:	
Date of Booking:	Name & Signature of Supervisor:		
Bill/Receipt will be made against			

For office use only

No. of samples scanned		Date of Experiment	
Log Book Page No.		Experiment performed by	
Net Charge	Rs.		

Charges: As per list of charges for MRC facilities. **DD Number & Date:**

Details of payment: Demand Draft Payable in favor of 'Registrar, MNIT Jaipur'.

Declaration by the user

1. I, Mr./Ms./Dr.being an internal user, understand that characterization facilities at MRC are extended to me at a highly subsidized rate and I hereby **confirm** that the samples being characterized **belong to only me/my student working only at MNIT, Jaipur**. The samples characterized are part of the project work titled/ERP No./brief details:

.....
.....

2. I, Mr./Ms./Dr.hereby confirm that I am fully aware of the **Rebate Policy of MRC** (5% rebate, details available on MNIT website), obtainable upon proper acknowledgement of MRC facilities in the published paper.

3. All Publication of research work, resulting out of the services taken from MRC must acknowledge MRC, MNITJ. I also abide by all the rules and regulations of the MRC/Institute.

Signature & Seal of the supervisor

Signature of User

Faculty Incharge

Head

Name:		Email:		Phone No:	
Name & Signature of Supervisor:					
Bill/Receipt will be made against					

Sample Code ^{a,b}	Solvent ^c	Data Requested

- (A) Please specify if these samples are hazardous (corrosive/explosive/radioactive, etc.). If yes, specify the appropriate handling instructions.
- (B) If you would prefer to mention structures of these compounds, please use backside of this sheet.
- (C) Only CDCl₃ will be provided. Other NMR solvents have to be provided by the user.
- (D) ¹H, ¹⁹F, ¹³C, DEPT, 2D, water/solvent suppression, any other nuclei.
- (E) **Please specify the sample is Paramagnetic/Ferromagnetic: Yes/No**

For office use only

No. of samples scanned		Date of Experiment	
Log Book Page No.		Experiment performed by	
Net Charge	Rs.		

Charges: As per list of charges for MRC facilities. **DD Number & Date:**

Details of payment: Demand Draft Payable in favor of 'Registrar, MNIT Jaipur'.

Declaration by the user

1. I, Mr./Ms./Dr.being an internal user, understand that characterization facilities at MRC are extended to me at a highly subsidized rate and I hereby **confirm** that the samples being characterized **belong to only me/my student working only at MNIT, Jaipur**. The samples characterized are part of the project work titled/ERP No./brief details:

.....

2. I, Mr./Ms./Dr.hereby confirm that I am fully aware of the **Rebate Policy of MRC** (5% rebate, details available on MNIT website), obtainable upon proper acknowledgement of MRC facilities in the published paper.

3. All Publication of research work, resulting out of the services taken from MRC must acknowledge MRC, MNITJ. I also abide by all the rules and regulations of the MRC/Institute.

Signature & Seal of the supervisor

Signature of User

Faculty Incharge

Head

Mass Spectrometer Facility Request FormUser form for **Mass Spectrometer** I wish to carry out at MRC, MNIT Jaipur:

S.No.	Sample Code	Mol. Wt. Of Compound	Solubility	Nature of Compounds Inorganic/Organic/ Polymer & Other	Mode of Analysis Direct MS LCMS	Sample Details

- Please draw structure of compound on the back side of this form.
- Mention the precaution needed for handling the hazardous samples.

Name:		Email:		Phone No:	
Name & Signature of Supervisor:					
Bill/Receipt will be made against					

For office use only

No. of samples scanned		Date of Experiment	
Log Book Page No.		Experiment performed by	
Net Charge	Rs.		

Charges: As per list of charges for MRC facilities. **DD Number & Date:****Details of payment:** Demand Draft Payable in favor of 'Registrar, MNIT Jaipur'.**Declaration by the user**

1. I, Mr./Ms./Dr.being an internal user, understand that characterization facilities at MRC are extended to me at a highly subsidized rate and I hereby **confirm** that the samples being characterized **belong to only me/my student working only at MNIT, Jaipur**. The samples characterized are part of the project work titled/ERP No./brief details:

.....

2. I, Mr./Ms./Dr.hereby confirm that I am fully aware of the **Rebate Policy of MRC** (5% rebate, details available on MNIT website), obtainable upon proper acknowledgement of MRC facilities in the published paper.

3. All Publication of research work, resulting out of the services taken from MRC must acknowledge MRC, MNITJ. I also abide by all the rules and regulations of the MRC/Institute.

Signature & Seal of the supervisor

Signature of User

Faculty Incharge

Head