

**Indian Institute of Technology Mandi
Kamand, Mandi – 175 005, H.P, India**

Ref. No.: IIT Mandi/AMRC/13112017

NOTIFICATION

As per the approval from the competent authority (dated on Nov. 13, 2017), the following committees have been constituted. These committees will decide the necessary training to be imparted to the users of the assigned instruments and also the rates to be charged for different categories of users (with justification), in addition to coordinating with AMRC staff in performing the regular maintenance of the instruments.

Details of the AMRC instruments- Faculty in charge

Sl. No.	Name of the Instrument	Faculty In-charge	Co- in charge
1.	Powder X-Ray Diffractometer	Dr. C.S Yadav	Dr. Rahul Vaish
2.	NMR (Nuclear Magnetic Resonance)	Dr. Rik Rani Koner	Dr. Venkata Krishnan
3.	HR-TEM (Transmission Electron Microscope)	Dr. Chayan K .Nandi	Dr. Amit Jaiswal
4.	FE-SEM (Field Emission Scanning Electron Microscopy)	Dr. Prem Felix Siril	Dr. Ajay Soni
5.	Microscope Sample Preparation Lab	Dr. Viswanath Balakrishnan	Dr. Sunny Zafar
6.	Confocal Microscope	Dr. Prosonjit Mondal	Dr. Jaspreet Kaur
7.	SC- XRD (Single crystal x-ray diffraction)	Dr. Rik Rani Koner	Dr. Venkata Krishnan
8.	HRMS (High Resolution Mass Spectrography)	Dr. Pradeep Parameswaran	Dr. Shyam Kumar Masakapalli
9.	Femtosecond laser pump-probe setup	Dr. Suman K Pal	Dr. Chayan K Nandi
10.	MPMS (SQUID magnetometer)	Dr. C.S Yadav	Dr. Kaustav Mukherjee
11.	Photoemission Spectroscopy	Dr. Bindu Radhamany	Dr. Ankush Bag
12.	Rheometer	Dr. Subrata Ghosh	Dr. Abhimanyu Dhir
13.	BET Surface Area	Dr. Jaspreet Kaur	Dr. Aditi Halder
14.	Chemisorption Analyzer	Dr. Aditi Halder	Dr. Prem Felix Siril
15.	Liquid Nitrogen Plant	Dr. Ankush Bag	Dr. Bindu Radhamany
16.	TGA	Dr. Prem Felix Siril	Dr. Rahul Vaish

17.	DSC	Dr. Prem Felix Siril	Dr. Rahul Vaish
18.	Thermal Analysis (TGA-DSC)	Dr. Prem Felix Siril	Dr. Rahul Vaish
19.	Glove Box	Dr. Suman K Pal	Dr. Rik Rani Koner
20.	DLS Zetasizer	Dr. Amit Jaiswal	Dr. Sumit Sinha
21.	Optical- Cum-Polarising Microscope with Camera	Dr. Jaspreet Kaur	Dr. Suman K Pal
22.	Gel Permeation Chromatography	Dr. Subrata Ghosh	Dr. Venkata Krishnan
23.	HPLC (High Performance Liquid Chromatography)	Dr. Pradeep Parameswaran	Dr. Prem Felix Siril
24.	Atomic Absorption Spectroscopy	Dr. Jaspreet Kaur	Dr. Aditi Halder
25.	Cyclic Voltammeter -02 nos.	Dr. Aditi Halder	Dr. Rik Rani Koner
26.	Fluorescence Lifetime Measuring System -2 nos.	Dr. Chayan K Nandi	Dr. Amit Jaiswal
27.	Circular Dichroism	Dr. Rik Rani Koner	Dr. Prosenjit Mondal
28.	GC (Gas Chromatography)	Dr. Shyam K. Masakapalli	Dr. Aditi Halder
29.	PPMS	Dr. Kaustav Mukhrjee	Dr. C.S. Yadav
30.	Raman Spectrophotometer	Dr. Ajay Soni	Dr. Pradeep Kumar


AMRC Characterization Facilities

31.	Fluorescence Spec. (Agilent)	Dr. Suman K Pal	Dr. Rajanish Giri
32.	Fluorolog-3 Spectrofluorometer (Horiba)	Dr. Suman K Pal	Dr. Rajanish Giri
33.	Fluorescence Spectrofluorometer (Perkin-M.Sc Chem Lab)	Dr. Suman K Pal	Dr. Rajanish Giri
34.	UV-VIS-NIR	Dr. Suman K Pal	Dr. Rajanish Giri
35.	UV-VIS Spectrometer	Dr. Suman K Pal	Dr. Rajanish Giri
36.	FT-IT spectrometer (Carry 660)	Dr. Suman K Pal	Dr. Rajanish Giri
37.	FT-IR spectrometer	Dr. Suman K Pal	Dr. Rajanish Giri
38.	Magnetic Susceptibility Balance	Dr. Suman K Pal	Dr. Rajanish Giri

AMRC Synthesis Lab

39.	Fume Hoods 12 Nos.	Dr. Venkata Krishnan	Dr. Amit Jaiswal
40.	Photoreactor System 02 nos.	Dr. Venkata Krishnan	Dr. Amit Jaiswal
41.	Deep Freezers 02 nos.	Dr. Venkata Krishnan	Dr. Amit Jaiswal
42.	Rotary Evaporator 02 nos.	Dr. Venkata Krishnan	Dr. Amit Jaiswal
43.	Automatic Digital Polarimeter	Dr. Venkata Krishnan	Dr. Amit Jaiswal

44.	Vacuum Oven	Dr. Venkata Krishnan	Dr. Amit Jaiswal
45.	Centrifuge	Dr. Venkata Krishnan	Dr. Amit Jaiswal
46.	Ozone Generator	Dr. Venkata Krishnan	Dr. Amit Jaiswal
47.	Heating Oven 04 nos.	Dr. Venkata Krishnan	Dr. Amit Jaiswal
48.	Heating Ultrasonic Bath Cleaner	Dr. Venkata Krishnan	Dr. Amit Jaiswal
49.	Ultra Low Immersion-Cooler	Dr. Venkata Krishnan	Dr. Amit Jaiswal
50.	Flake Ice Making Machine	Dr. Venkata Krishnan	Dr. Amit Jaiswal
51.	Furnace -03 nos.	Dr. Venkata Krishnan	Dr. Amit Jaiswal
52.	Horn Probe Sonicator with Sound Proof Box	Dr. Venkata Krishnan	Dr. Amit Jaiswal


(Dr. Viswanath Balakrishnan)
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