



Department of Physics
National Institute of Technology, Warangal

Field Emission Scanning Electron Microscope (FE-SEM) Analysis Request Form

Applicant Details:

User belongs to: ☐ NITW Physics ☒ NITW Others ☐ Other Inst./Unv./Labs ☐ Industry

User name: Diptirekha Mohanta Department: Biotechnology

Mobile No. 8763116349 Email ID: pp23btr1r06@student.nitw.ac.in

Name of Guide/PI: Dr. Urmila Saxena Guide/PI Email ID: urmila@nitw.ac.in

Guide/PI Mobile No.: 8332969442 Address of Institute/Organization: I

Department of Biotechnology, NITW

Sample information:

Number of samples	<u>2</u>
Sample code	<u>SE-GS003</u>
Sample type	Biological / Composite Material / Thin Film / Crystalline Solid / Metal/Polymer/Ceramic/Composite/ Other (Please specify): *Biological samples should be submitted after primary fixation
Detailed description of the sample (Refer Annexure I before filling)	<u>A thin carbon sheet modified with different molecules.</u>
Sample form	Powder/Pellet/Film/Others..... <u>sheet</u> (Sample dimensions should not exceed 8 mm X 8 mm Height of the sample should be less than 10mm)
Nature of the sample	Non-Conducting / Conducting / Semi-Conductor

Note: All samples will be discarded after 10 days of analysis. Department of Physics will not dispatch the samples to the users under any circumstances. Only 6-8 images will be given.

Declaration

I understand that I will be held responsible for any damages arising from incorrect information provided by me against material safety data. I agree to acknowledge Department of Physics, NIT Warangal for providing FE-SEM analytical facility for my research work, in any publications. I also agree to send copy of the publication reference to physics_hod@nitw.ac.in.

Diptirekha Mohanta
Signature of the Applicant

Urmila Saxena
Signature of the Guide/PI