



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

General Administration Unit

Technician – Semiconductor and Nanoscience (Dept of Chemistry)

About BITS, Pilani	Birla Institute of Technology & Science, (BITS Pilani) is an Institution declared as Deemed to be University under Sec. 3 of the UGC Act in 1964 and is a renowned science and technology institute. It is located in Pilani, Rajasthan, India. In addition to Pilani, BITS Pilani has campuses in Dubai, Goa, and Hyderabad.
Industry / Service	Higher Education
Post / Job Title	Technician – Semiconductor and Nanoscience Laboratories
Job Type	Regular, Full time
Reporting to	Head of the Department – Chemistry
Will also work very closely with	Key Internal: Faculty, Research scholars Key External: External researchers, Industries, Agencies, Vendors, etc.
No. of Positions	One
Location	BITS Pilani – Hyderabad Campus
Principal Accountabilities & Responsibilities	- To support the operation, maintenance, and day-to-day functioning of semiconductor and nanoscience laboratories - Assist faculty members, researchers, and students in conducting experiments, fabrication, characterisation, and testing activities. - Handle materials, chemicals, gases, and consumables used in semiconductor and nanoscience research. - Perform routine calibration, troubleshooting, preventive maintenance, and basic repair of laboratory instruments and ensure compliance with institutional safety procedures. - Maintain records of equipment usage, maintenance logs, inventory, and laboratory documentation. - Ensure proper storage and disposal of chemicals and hazardous materials in compliance with safety guidelines. - Coordinate with vendors/service engineers for equipment servicing and procurement of laboratory consumables and spare parts. - Assist in the installation and commissioning of new equipment and laboratory facilities. - Support laboratory sessions, workshops, training programs, and research projects. - Perform any other duties assigned by the competent authority from time to time.
Other Skill and Ability Requirements	3- 5 years of Experience in undergraduate laboratory for Physics, Chemistry, Nanoscience/Materials. - Exposure in handling instruments like UV-visible spectrophotometers, Bench top instruments, Dynamic Light Scattering, Lithography, Nanofabrication, etc. - Possess good communication and interpersonal skills. - Should have the ability to work independently and as part of a team.
Qualification	B.Sc. or M.Sc. in Physical Sciences (Physics/Chemistry) or B.E. in Chemical/EEE
Remuneration	Suitable candidate will be placed in Level 4 with a minimum pay of Rs. 25,500/- per month plus DA and other benefits as per Institute Norms.



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