Birla Institute of Technology & Science, Pilani

(**An Institution of Eminence**)

Pilani Campus

JOB DESCRIPTION

About BITS, Pilani	**Birla Institute of Technology & Science, Pilani** has been declared as an "Institution of Eminence Deemed to be University" by the Central Government of India in exercise of the power conferred under **Section 3** of the **UGC Act 1956** and is a renowned science and technology institute with Its headquarter located in Pilani, Rajasthan, India. In addition to Pilani, BITS Pilani has campuses in Dubai, Goa, Hyderabad and Mumbai.
Industry	Higher Education
Job Type	Regular
Post/Job Title	Junior Technician
Reporting to	**Unit Chief, Workshop**
Will also work very close with	Relevant Internal & External Stakeholders.
No of positions	**One**
Job Location	**Pilani**
Principal Responsibilities	As a Junior Technician, Key responsibilities and required competencies include: • Operation, troubleshooting, repair, and maintenance of conventional machine tools (lathe, milling, drilling, grinding, shaping, etc.) as well as advanced/CNC machines, precision measuring instruments, and modern workshop equipment. • Handling, maintenance, and basic troubleshooting of equipment in automation-related laboratories, including PLC systems, industrial robotics, mechatronics setups, pneumatic/hydraulic systems, sensors, actuators, SCADA/HMI interfaces, and other Industry 4.0-enabled devices. • Assisting shop instructors/faculty during practical classes and laboratory sessions by preparing machine setups, selecting and arranging tools, fixtures, raw materials, and ensuring readiness of workstations. • Supporting Research Scholars (RS), Higher Degree (HD), and Undergraduate (UG) students in the execution of projects and mini-projects — including setup of experimental arrangements, fabrication support, integration of automation components, testing, and safe operation of relevant machines/equipment. • Executing work orders and maintenance tasks assigned by shop-floor/lab management from time to time, ensuring timely completion with quality and safety compliance. • Maintaining cleanliness, 5S standards, inventory of tools/spares, and proper documentation of maintenance activities in both conventional workshops and advanced technology/automation labs. • Good knowledge of written and spoken English. • Ability to operate a computer with working knowledge of MS Office and relevant programs applicable to the role.
Behavioral Competencies	• Stakeholder & Service Orientation • Collaboration & Institutional Partnership • Ownership & Accountability • Continuous Learning & Digital Agility • Adaptability & Change Readiness • People Development & Empowerment • Execution & Operational Excellence

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Qualification and Experience	• **For Junior Technician the candidate must be Technical Graduate (01)/Diploma (02)/ ITI (05) years of minimum working experience in any universities/institutes/industries.** • **Working ability and experience in all the sub shops of the central workshop will be preferred.** • **Highly experienced people with relevant experience from Technical Institutions/ Military/Air force/ Navy retired young dynamic candidates may be given preference.** • Should not be above 40 years of age as of 1st November 2026.
Remuneration	Suitable candidate will be placed in Level 3 with a minimum pay of Rs. 21700/- per month plus DA & other benefits as per Institute Norms.