Job Title	Lab Technician – Bajaj Engineering Skill Training (BEST) Centre	**Number of Positions**	5
Reporting To	Head, BEST Centre	**Location**	Patiala

Job Purpose

The Bajaj Engineering Skill Training (BEST) Centre at Thapar Institute of Engineering & Technology houses 13 specialised laboratories catering to various engineering domains, including Electrical Engineering, Robotics & Automation, Electronics, Instrumentation, Mechatronics, and Industry 4.0 technologies. The Lab Technician will be responsible for the effective operation, maintenance, and utilization of the BEST Centre's laboratory infrastructure. The incumbent will support academic activities, facilitate hands-on training, assist in laboratory demonstrations, and contribute to the smooth and efficient delivery of the BEST Centre's training programmes.

2. Key Roles and Responsibilities

- Manage the day-to-day operations of the assigned laboratory and ensure its efficient functioning.
- Operate, maintain, and troubleshoot laboratory equipment, instruments, and systems.
- Ensure the availability, proper utilization, and upkeep of laboratory infrastructure, tools, & equipment.
- Assist faculty members and trainers in conducting laboratory sessions, practical demonstrations, and hands-on training activities.
- Support students in performing laboratory experiments, practical exercises, and skill-development activities.
- Diagnose technical faults and undertake routine maintenance, troubleshooting, and minor repairs of laboratory equipment.
- Ensure compliance with laboratory safety standards, operational protocols, & institutional guidelines.
- Maintain laboratory records, equipment inventories, maintenance logs, & documentation of activities. Assist in the installation, commissioning, calibration, and testing of laboratory equipment, wherever required.
- Coordinate with faculty, technical staff, vendors, and other stakeholders for laboratory maintenance and operational requirements.
- Support the development and implementation of laboratory-based training programmes and skill-development initiatives.
- Perform any other duties related to laboratory operations and training as assigned by the Head of the BEST Centre.

Laboratory Allocation and Required Engineering Discipline

The five positions shall be allocated across the following laboratories:

S. N	Laboratory	Required Engineering Discipline	No. of Positions
1	Electrical Engineering Lab, Automation Lab	Electrical Engineering / Instrumentation	1
2	Robotics Lab, Autonomous Mobile Robot Lab	Instrumentation / Mechatronics / Robotics	1
3	AR/VR Lab, IIoT Lab	Electronics / Computer Engineering	1
4	Instrumentation Lab, Motion and Process Control Lab	Instrumentation / Mechatronics	1
5	CNC Simulation Lab, MES Lab	Mechatronics / Mechanical Engg	1
	Total		**5**

Minimum Educational Qualifications

Candidates must possess a **Diploma in the relevant engineering discipline**.
Candidates possessing a **B.E./B.Tech. or Master's degree** in the relevant engineering discipline, along with hands-on industrial or institutional experience, shall be given preference.

Experience

- Relevant hands-on experience in operating, maintaining, and troubleshooting laboratory equipment and systems will be preferred.
- Experience in an academic institution, engineering laboratory, industrial training centre, or relevant industry will be an added advantage.
- Fresh diploma holders with strong practical skills may also be considered, subject to institutional requirements.

Compensation:

Compensation will not be a constraining factor and will be the best in the sector. While applying for the position, please write in the subject for which profile you are applying.

Interested candidates can send their CVs by email (**amandeep.dhot@thapar.edu**) positively by **20th Nov 2026for Variousfor Various**