Bajaj Engineering Skills Training (BEST) Centre

Banasthali Vidyapith

UNIQUE COMPREHENSIVE EDUCATIONAL IDEOLOGY

- Banasthali's educational ideology is based on the concept of five-fold education comprising physical, practical, aesthetic, intellectual and above all, moral aspects to develop an integrated and balanced personality of the students besides the requisite professional training.

FIVE-FOLD EDUCATION

Physical
Practical
Aesthetic
Intellectual
Moral

BAJAJ ENGINEERING SKILLS TRAINING (BEST) CENTRE

Bajaj Engineering Skills Training (BEST) is the flagship CSR initiative of Bajaj Auto in partnership with Banasthali Vidyapith as its flagship and driving institute. It aims to build state-of-the-art laboratories with world-class equipment that will improve the hands-on skills of thousands of young people, helping them become competent and employable. The centre of BEST at Banasthali Vidyapith will provide advanced skill training to women engineering graduates, potential Diploma Trainee Engineers **(DTE)** or Graduate Trainee Engineers **(GTE)**, and help address the skill gap in the manufacturing industry. The courses will equip the trainees with relevant skills, information, practice (hands-on training), and the mindset to be employment ready. The curriculum will be in alignment with the National Occupational Standards (NOSs) of

employment positions within the sector. BEST aims to support young learners from the economically weaker sections of society, those hailing from backward and disadvantaged areas to enhance their employment opportunities. Beyond providing them with demand-driven skill training, BEST will also create a platform for them to use their acquired skills in the current and emerging technology space.
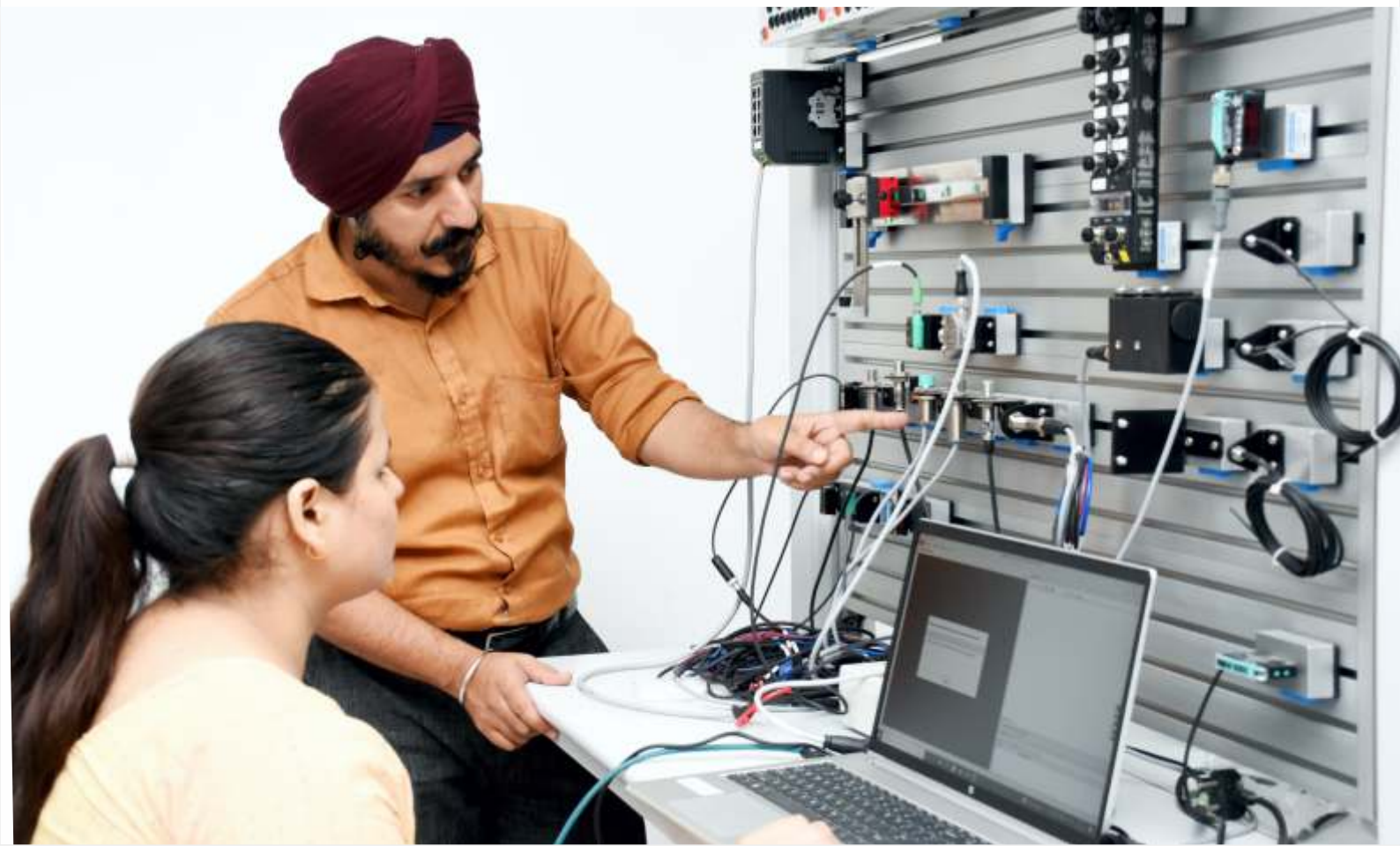
Details of Programme :

S.N.	Programme	Duration	Intake	Eligibility	Date of commencement
1	Diploma Trainee Engineers (DTE)	4 Months	60	Diploma (Electronics/ Electrical/ Mechanical/ Automobile/ Instrumentation/Mechatronics) & Equivalent	First week of February 2024
2	Graduate Trainee Engineers (GTE)	6 Months	60	BTech (Electronics/ Electrical/ Mechanical/ Mechatronics/ Automobile/ Instrumentation) & Equivalent	First week of January 2024

Fee Structure :

S.N.	Programme	Course Fee	Hostel Fee	Admission Fee	Security Amount (Refundable)	Total Fees (Including admission fee)
1	Diploma Trainee Engineers (DTE)	Rs. 30,500/-	Rs. 24,000/-	Rs.1,000/-	Rs. 5,000/-	Rs. 60,500/-
2	Graduate Trainee Engineers (GTE)	Rs. 36,500/-	Rs. 30,000/-	Rs. 1,000/-	Rs. 5,000/-	Rs. 72,500/-

80% Fees will be Sponsored by Bajaj to eligible candidates

BEST Course Structure

BEST Course Modules and Distribution Graduate Trainee Engineers (GTE)

Module 1 Mechatronics

- **Electrical Engineering**
- **Engineering Drawing & Graphics**
- **Hydraulics Engineering**
- **Pneumatic Engineering**
- **Electrical and Electronics Measurement using Sensors**
- **TPM**

Module 2 Motion Control & Sensor Technology

- **PLC, CNC, HMI**
- **Servo Motor & Drive**
- **Industrial Sensor**
- **Process Control Systems**
- **Industrial Instrumentation**

Module 3 Automation & Robotics

- **Automation**
- **Robotics**

Module 4 Industry 4.0 and Smart Manufacturing

- **Introduction to Industry 4.0 & Industrial Internet of Things**
- **Artificial Intelligence**
- **Computer Vision**
- **Machine Learning**
- **Augmented Reality & Virtual Reality**
- **Manufacturing Execution System**
- **Computer Integrated Manufacturing (CIM)**
- **Project***

BEST Course Modules and Distribution Diploma Trainee Engineers (DTE)

Module 1 Mechatronics

- **Electrical Engineering**
- **Engineering Drawing & Graphics**
- **Hydraulics Engineering**
- **Pneumatic Engineering**
- **Electrical and Electronics Measurement using Sensors**
- **TPM**

Module 2 Motion Control & Sensor Technology

- **PLC, CNC, HMI**
- **Servo Motor & Drive**
- **Industrial Sensor**
- **Process Control Systems**
- **Industrial Instrumentation**

Module 3 Automation & Robotics

- **Automation**
- **Robotics**

Module 4 Industry 4.0 and Smart Manufacturing

- **Introduction to Industry 4.0 & Industrial Internet of Things**
- **Manufacturing Execution System**
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*Project is part of evaluation system at the end of curriculum.

- This programme will be conducted at Banasthali premises and students will need to stay in campus for the duration of Programme. Please note that during the Programme, the trainees will have to abide by campus rules. Please note that the skill programme is not for Banasthali Graduates.
- Aspiring candidates can apply for this programme through following QR:

CENTRES OF EXCELLENCE

**Bajaj Engineering
Skills Training (BEST) Centre**

Banasthali Vidyapith

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