



# **BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Ibrahimpattam -501510, Hyderabad

## **STRATEGIC PLAN**

**2026-2027 to 2030-2031**

*H. Sreenivas*

**PRINCIPAL**

**BHARAT INSTITUTE OF ENGG & TECH**  
Mangalpally(V),Ibrahimpattam(M)  
R.R.Dist.Telangana - 501 510.

## **Vision**

To achieve the University status and spread universal education by inculcating discipline, character and knowledge into the young minds and mould them into enlightened citizens.

## **Mission**

To impart education, in a conducive ambience, as comprehensive as possible, with the support of all the modern technologies and make the students acquire the ability and passion to work wisely, creatively and effectively for the betterment of our society.

## **Quality Policy**

Bharat Institute of Engineering & Technology (BIET), is engaged in imparting quality "Education and Training in the field of "Engineering and Technology". It aims to be an Institute of Excellence in Technical Education through continual improvement. The institute facilitates faculty and staff to work as a team and update their knowledge and skill to match the industrial and technological development.

## **Objectives**

- Develop a campus which promotes higher learning and research.
- Recruit and retain a diverse faculty of outstanding teacher-scholars with principles and discipline.
- Promote industry -institute interactions
- Expose students to leading Industries and Corporate Houses.
- Foster a harmonious, cordial, and tripartite relationship among the Management, faculty and students for their respective growth and for establishing a congenial academic environment in the Institute.

### **Short Term Goals**

- Quality assurance and endurance through NBA and NAAC.
- Achieving academic excellence in the Examinations.
- Encouraging active participation in co-curricular and extracurricular activities through club activities.
- Helping to excel in communication, interpersonal, and soft skills.
- Providing environment and opportunities for multi-skills development through Campus Recruitment Training (CRT) and add-on courses.
- Organizing programs on personality development and entrepreneurship to foster qualities of leadership and entrepreneurship.
- Providing 100% placement for eligible students.

### **Long Term Goals**

- Emerge as a globally recognized Center of Excellence in the fields of Engineering, Technology, and Management by Research.
- To provide a state-of-the-art academic infrastructure to the students through excellent teaching and learning opportunities.
- To continuously update the curricular and student support infrastructure towards quality education.
- Attain the status of Deemed-to-be University/State Private university, offering viable programs of relevance for the upliftment of rural students and the populace.
- To undertake national and internationally acknowledged research and development works in all disciplines by forging alliances with research organizations, government sectors, industries, and alumni.

## **SWOC ANALYSIS**

Bharat Institute of Engineering and Technology (BIET) was established in 2001. It has been at the forefront during the last twenty years in providing quality technical education. BIET is affiliated with Jawaharlal Nehru Technological University, Hyderabad, in Telangana State.

The Institute has strengths, weaknesses and opportunities. It is required to address the weaknesses to meet the needs of stakeholders and society. The Institute needs to address the challenges to provide quality technical education.

### **Methodology:**

A SWOC analysis of the Institute system is carried out using the following evaluation methods:

- Students and other stakeholders feedback
- Self-appraisal of faculty
- Academic Audit

### **Inferences:**

- Feedback from the students and other stakeholders is collected and based on their feedback, the DAC meetings are conducted to include the modifications suggested.
- The self-appraisal of faculty is useful to evaluate the role, performance, and individual contributions such as academics and research publications.
- The Academic Audit of the Institute gives improvement in the quality of teaching, research, Conferences/workshops conducted and interaction with the industry. The Best practices adopted to improve the quality of technical education can also be found in the Academic Audit.

### **Strengths:**

- Well defined organizational structure

- Good infrastructure, research facilities and good academic interaction with multidisciplinary departments.
- Comprehensive Care System for the Students
- Good quality intake of students in Undergraduate Programs.
- Most of the Postgraduate students are admitted based on GATE / PGECET SCore.
- A good number of students are admitted into prestigious foreign universities for their higher studies and research work.
- Campus is provided with Wi-Fi Internet facility.
- Encouragement for Student Initiatives in MOOCS, Internships, etc.
- Support for Career Development, Skill Development and Campus Placements.

#### **Weaknesses:**

- Core faculty strength has to be improved.
- Industry institution interaction needs to be strengthened.
- Consultancy and extension activities need improvement.
- Collaborative approach within the department and outside the state and nation is at an initial level.
- Student-staff interaction on thrust areas of research.
- Admission to PG programs in Engineering.
- Students Opting for Higher Education.
- Communication skills of students coming from a rural background.

#### **Opportunities:**

- There is enough scope for development and expansion
- Provisions to get research grants from various funding agencies, involvement of industries in the collaborative research work, and availability of interdisciplinary faculty on the campus.
- Facility to attend national/ international conferences

- A good number of core and software companies are located in and around Hyderabad which provides employment opportunities for many of our students.
- National importance research labs are in close proximity.
- Faculty members are highly motivated.
- Alumni Networking for Academic and Placement Activities.

### **Challenges:**

- Qualitative and quantitative expansion of the departments.
- Modernization of all the laboratories of departments/units.
- Stagnation in the job market
- Retention of qualified faculty
- Motivating students towards research.
- Motivation of students towards core branch employment.
- Exploring collaboration with industries of relevance.
- Research outcome should be linked to industry applications.
- Competition from other private universities.

The institute is aware of a few weaknesses consciously viewed as opportunities for improvement and is forging ahead with its proven strength. The institute can avail itself of opportunities and perceive challenges to excel by seeking external funding and generating internal resources.

**"Strategic Plan is developed for institutional development based on SWOC analysis"**

### **Teaching-Learning:**

#### ***Strategies:***

- To introduce innovative methods of teaching such as cooperative learning, parallel teaching, and group teaching for quality and multidisciplinary.
- To use modern tools such as Animation, simulation, and visual tools in teaching.

- To encourage enhanced student participation in teaching through group discussions, debates, role play, and case studies.
- To adopt research-based teaching for better learning outcomes.
- To introduce the concept of focus groups for enhanced learning.
- To adopt technology-assisted learning tools such as MOOCS, NPTEL, SWAYAM, and other self-learning content.
- To provide additional learning platforms and resources for self-learning and practice.
- To assign real-time case studies for the literature survey and research.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Establishment of smart classrooms/studios	✓	✓	✓	✓	✓
2	Adopt research-based teaching for better learning outcomes	✓	✓	✓	✓	✓
3	Comprehensive Faculty Appraisal System.	✓	✓	✓	✓	✓
4	Introduction of MOOC/NPTEL/SWAYAM	✓	✓	✓	✓	✓
5	Scope for self-learning	✓	✓	✓	✓	✓
6	Subscription to e-resources	✓	✓	✓	✓	✓

### **Research & Consultancy:**

#### ***Strategies:***

- To recruit faculty with talent and competence in research.
- Measures to be taken to improve the existing PhD faculty strength to 80% by 2024.
- To equip laboratories with relevant modern equipment, software and library resources to ensemble research demands.
- To forge into alliances with prominent research groups for collaborative work.
- To apply external research funding from private and government sectors in focused, cutting-edge areas.

- To create interdisciplinary research groups for prospective applied research.
- To approach industry for setting-up of research laboratories on campus or the benefit of faculty and students.
- To identify areas of expertise in each domain for offering technical consultancy.
- To approach agencies for marketing capital and technical resources.
- To prepare a department newsletter highlighting the expertise and facilities.
- To lend technical services such as sophisticated equipment and software to others on a payment basis.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Recruitment of Faculty with Research abilities	✓	✓	✓	✓	✓
2	Equip laboratories with research-suitable equipment/software	✓	✓	✓	✓	✓
3	External research funding projects	✓	✓	✓	✓	✓
4	Industry Support Laboratories	✓	✓	✓	✓	✓
5	Recruitment of faculty in each area of specialization	✓	✓	✓	✓	✓
6	Technical services such as sophisticated equipment and software	✓	✓	✓	✓	✓

### **Training:**

#### ***Strategies:***

- To offer a variety of training modules to suit higher education or prospective careers.
- To create online portals with a high-quality training database to practice.
- To continuously provide mentoring with experts from the industry to appraise the industry demands and the relevant skill set.
- The core departments shall offer training in technical domains.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Mentoring with experts from the industry	✓	✓	✓	✓	✓
2	Procurement of online training material	✓	✓	✓	✓	✓
3	Technical domain training	✓	✓	✓	✓	✓

**Placements:**

***Strategies:***

- To create an institute portfolio showcasing its strengths, facilities and talent pool of students
- To collaborate with top industries and corporate sectors for students' placements in core areas and the IT field.
- To provide student internships in industry for real-time exposure.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Creating an institute portfolio	✓	✓	✓	✓	✓
2	Core companies planned	✓	✓	✓	✓	✓
3	Student internships	✓	✓	✓	✓	✓

**Entrepreneurship:**

***Strategies:***

- To identify students who are processing entrepreneurial interests.
- To organize special awareness and training for students in developing the required skill set for entrepreneurship with the participation of successful entrepreneurs.
- To arrange for interactions of students with investors and other financial entities for prospective funding for their ideas.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Organize special awareness and training Activity for entrepreneurs	✓	✓	✓	✓	✓
2	Interactions of students with investors and other financial entities	✓	✓	✓	✓	✓
3	Applying for National funding	✓	✓	✓	✓	✓
4	Promoting student Entrepreneurs	✓	✓	✓	✓	✓

### **Incubation centers and Start-Ups:**

#### ***Strategies:***

- To establish incubation centers in specialized areas of Engineering filed.
- To invite industry and corporate to set up incubation centers on campus.
- To encourage students and faculty to establish research and development start-ups in collaboration with national incubation

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Establish incubation centers	✓	✓	✓	✓	✓
2	Encourage students and faculty to establish start-ups on campus	✓	✓	✓	✓	✓
3	Collaboration with national incubation centers	✓	✓	✓	✓	✓

### **Faculty Development:**

#### ***Strategies:***

- To prepare an Institutional comprehensive training development plan for faculty and staff.
- To support faculty in qualification upgradation.

- To sponsor faculty training in industry to acquire real time experience and expertise.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Institutional comprehensive development plan	✓	✓	✓	✓	✓
2	Qualification upgradation of faculty to Ph.D	✓	✓	✓	✓	✓
3	Faculty self-appraisal system	✓	✓	✓	✓	✓
4	Faculty incentives for higher education and Research & Development	✓	✓	✓	✓	✓

**Student Development:**

***Strategies:***

- To establish Student Activity Center for Club Activities and Professional Society Activities.
- Activity To organize extensive interactions of students with experts from industry and premier institutions.
- To sponsor students for industrial training and internship for real time experience.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Establish Student Activity Center	✓	✓	✓	✓	✓
2	Student Club Activities	✓	✓	✓	✓	✓
3	Organize extensive interactions of students with experts from industry and premier institutions.	✓	✓	✓	✓	✓
4	Sponsor students for industrial training and internship	✓	✓	✓	✓	✓

### **Industry Interaction:**

#### ***Strategies:***

- To interact with industry for faculty, staff and student development.
- To tie-up with industry for setting up of advanced laboratories on campus.
- To collaborate with industry for starting joint educational programs.
- To recruit professionals from industry as adjunct faculty.
- To seek feedback and inputs from industry on curricular aspects and skill development.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Interact with industry for faculty, staff and student development	✓	✓	✓	✓	✓
2	Seek feedback and inputs from industry on curricular aspects and skill development	✓	✓	✓	✓	✓
3	Collaborate with industry for starting joint educational programs.	✓	✓	✓	✓	✓
4	Invite industry to set up finishing school concept	✓	✓	✓	✓	✓

### **Alumni Interaction:**

#### ***Strategies:***

- To maintain and update the alumni digital database.
- To establish an Alumni Association with prominent Alumni on the Governing Body.
- To start alumni chapters in prominent places where most of our alumni are employed or doing business.
- To create an ecosystem for alumni to give back to the Institution in cash or technology transfer.

- To provide special facilities and privileges to the Alumni on campus during their visit to make them feel comfortable.

Sl. No.	Activity	Academic Year				
		2026-2027	2027-2028	2028-2029	2029-2030	2030-2031
1	Alumni Online database	✓	✓	✓	✓	✓
2	Start alumni chapters in prominent places	✓	✓	✓	✓	✓
3	Alumni Club	✓	✓	✓	✓	✓
4	Conduct Alumni Meets at every year.	✓	✓	✓	✓	✓

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