



BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Ibrahimpattam - 501 510, Hyderabad

STRATEGIC PLAN

2012-2013 to 2015-2016

Vision

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

Mission

Our mission is to impart high quality 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.
- Achieving academic excellence in the Examinations.
- Encouraging active participation in co-curricular and extracurricular activities through club activities.
- Helping to excel in communication inter-personal 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.
- Aiming for 100% placement for eligible students.

LONG TERM GOALS

- To reach the status as provider of Quality Education and Independent Research Center.
- To evolve as a University offering programs of relevance in emerging areas of technology.
- To enter into agreements with National and International premier Institutes to exchange students and faculty innovations.
- To develop consultancy in all disciplines through alliances with research organizations, government establishments, industries and alumni.

SWOC ANALYSIS

Bharat Institute of Engineering and Technology (BIET) was established in 2001. It has been in the forefront during the last sixteen years in providing quality technical education. BIET is affiliated to 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 the quality of 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, research publications.
- The Academic Audit of Institute gives improvement in the quality of teaching, research, conferences/workshops conducted and interaction with industry. The Best practices adopted to improve the quality of technical education can also found from 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 Programmes.
- 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.

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 initial level.
- Student-staff interaction on thrust areas of research.

Opportunities:

- There is enough scope for development and expansion
- Provisions to get research grant from various funding agencies, involvement of industries in the collaborative research work, availability of interdisciplinary faculty in 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 the close proximity.
- Faculty members are highly motivated.

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.

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”

Objective-1: Promote student community to excellence.

Strategies:

- Develop and maintain focus on student learning outcomes.
- Support innovative pedagogical approaches that address the needs of diverse students.
- Design a system for weak learners for remediation and acceleration.
- Encourage students with high academic caliber to undertake mini and major projects.
- Continuous training activities in Placements, Scientific, Professional and Entrepreneurial skills to make students employable.
- Provide personal attention to students by offering counseling and orientation to higher studies and research.

Objective-2: Start academically distinguished and demand driven Post Graduate (PG) programs.

Strategies:

- Conduct periodic review of industry demand and increase support for the career oriented post graduate programmes.
- Offer online, blended and flexible programs and courses.

- Start advanced programs in the fields of big data, Machine learning, embedded systems, VLSI and other application oriented interdisciplinary programs in electrical, electronics and computer engineering.

Objective-3: Sustain and enhance excellence in teaching and learning.

Strategies:

- Develop a culture of pedagogy that leads to demonstrable student learning.
- Train all the faculty to current pedagogical approaches and introduce state-of-art technologies in teaching and learning process.
- Increase financial support and provide leave facilities for the faculty to upgrade qualifications, attends seminars, faculty development programmes and conferences undergo pedagogical training and interact with academic experts.

Objective-4: Development of effective ICT tools.

Strategies:

- Provide modern Information Technologies in library, computing centers, class rooms and laboratories for teaching-learning, research and academic administration.
- Extend the library, computing and internet facilities for all faculty and students at all locations on the campus.
- Promote ICT enabled teaching-learning process.
- Create rich and robust centre of excellences for research and consultancy.

Objective-5: Increasing research & development and consultancy competence.

Strategies:

- Provide innovative modern facilities and laboratories for multidisciplinary research.
- Recruit faculty with high research profile.
- Promote increased faculty participation in research, consultancy and sponsored projects.
- Increase funding support for faculty research and creative endeavors.
- Create department wise centers to make the services and products to the industry, thereby generating internal funds.

Objective-6: Enhanced interaction with industry.

Strategies:

- Interaction with industry to provide opportunities to students by exposing new technologies and research problems solving.
- Support from industry for the institution in developing laboratories, provide software and exposure on latest technologies.
- Collaborate with industry to do student projects and R&D activities.
- Training faculty and staff on latest technologies in the industry.
- Enhance employability of students by training on technical and managerial skills and provide placement opportunities.

Objective-7: Expanding local, regional and national outreach.

Strategies:

- The institute departmental centers to identify the needs of the society and provide technical services in the institute neighborhood.
- Utilize the expertise and technology of the institution to foster social, environmental and economic development in the neighborhood.

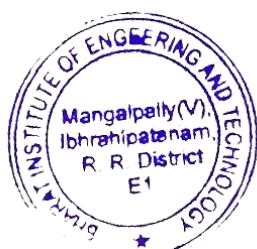
Objective-8: Governance, leadership and Accountability.

Strategies:

- Train the managerial and administrative heads of the institution in ethical and moral orientation in exercising leadership.
- Enhance the management capacity by decentralization of administration and foster participative management model.
- Provide overall satisfaction of all stakeholders through efficiency and transparency.

ACTION PLAN:
2012-2013 to 2015-2016

S. No.	Activity done	Academic Year			
		2012-2013	2013-2014	2014-2015	2015-2016
1.	Establishment of corpus funds	√	√	√	√
2.	NBA Accreditation for UG programs			√	√
3.	NAAC accreditation for the institute				√
4.	Starting new PG programs	√	√	√	
5.	Remedial classes for weak students	√	√	√	√
6.	Student research activities			√	√
7.	Student skill development programs (Technical, communication and entrepreneurship etc.)	√	√	√	√
8.	Mentoring and orientation to higher studies and research	√	√	√	√
9.	Student evaluation reforms	√	√	√	√
10.	Faculty development programs (FDPs) etc.	√	√	√	√
11.	Qualification up gradation of faculty to M.Tech & Ph.D	√	√	√	
12.	Performance Appraisal of Faculty	√	√	√	√
13.	Faculty incentives for research & Development			√	√
14.	Conducting Guest Lectures / Seminars / Workshops / Conferences etc.	√	√	√	√
15.	Industry Interaction	√	√	√	√
16.	Up gradation of Library facilities	√	√	√	√
17.	Up gradation of Computing facilities			√	√
18.	Establishment of new labs and procurement of software			√	√
19.	Training on latest tools / technologies for faculty and staff				√
20.	Campus Recruitment Training (CRT) for placements		√	√	√
21.	Self learning / MOOCS / NPTEL Certification				√



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