



J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

Accredited by NAAC & NBA, Approved by AICTE & Permanently affiliated to JNTUH

STRATEGIC PLAN

(2023-28)

J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC Autonomous)

Yenkapally(V), Moinabad(M), P.O. Himayat Nagar, R.R. District, Hyderabad-500075

Phone No: 08413-235127, 235053, Fax: 08413-235753

Website: www.jbiet.edu.in, Email: Principal@jbiet.edu.in

PROLOGUE

Throughout history, the greatness of a nation or a civilization is closely associated with the greatness of its system of education – especially, higher education. Great universities like Nalanda and Takshshila in ancient India contributed immensely to spreading our nation's reputation far and wide. Even in modern times, the name of the best universities in the world are a proud part of the global reputation of great nations and cities. The brand images of modern nations are largely dependent on higher education centers established in those countries.

Today India is emerging as a global power in the 21st century. Hyderabad is emerging as India's Innovation & Information Technology Capital. It is transforming itself in line with its aspiration to become a Global City.

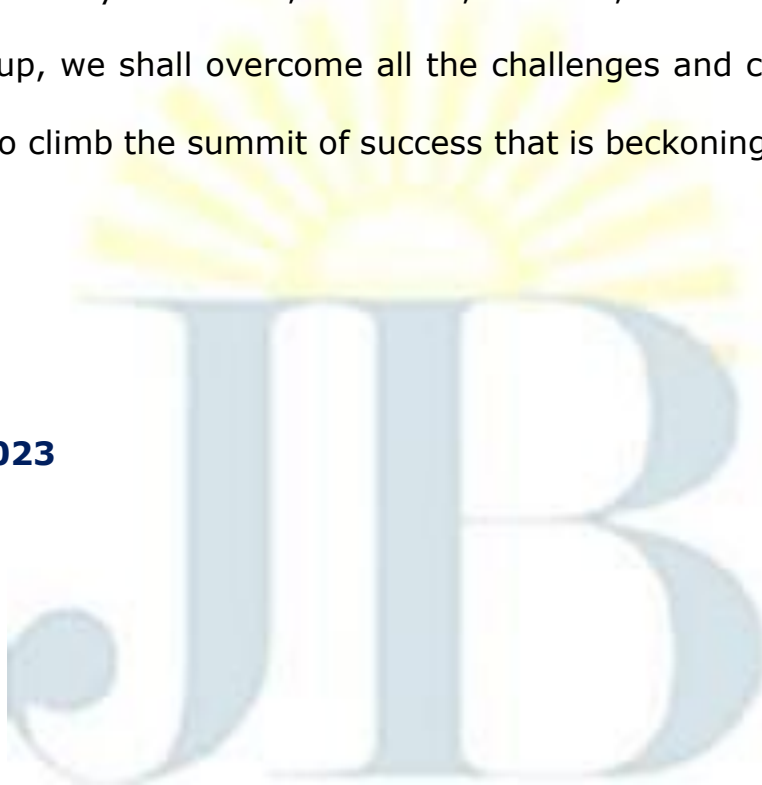
Modern education sector is going through many reforms and challenges arising out of growing population, increasing automation, and economic slowdown. It is reducing job opportunities after undergraduate and graduate education. Institutions like JBIET have to devise strategies by designing curriculum with higher alignment to industry's requirements.

It demands entire new focus on strategy based on fresh SWOC analysis taking care of new challenges and opportunities. This Strategic plan deals with the issues which JBIET is likely to face during 2023-28 and presents a pathway to deal with such issues.

I am sure that with the active support of all the stake holders Management, Faculty members, Students, Parents, Alumni and Prevailing regulatory Setup, we shall overcome all the challenges and capitalize all the opportunities to climb the summit of success that is beckoning at us.

18th March 2023

Principal



ABOUT THE INSTITUTE

An Educational Institution is service to nation. J.B. Institute of Engineering & Technology (JBIET) was established in 1998 by J.B Educational Society to full fill the vision “ **To be a Center of Academic Excellence in Engineering and Management Education, Research and Application of Innovative Methods to Benefit the Society with Ethical Values**” and the aim of the Education for everyone. JBIET is an UGC Autonomous Institution approved by AICTE & permanently affiliated to JNTUH.

It was the dream of noted Philanthropist Shri. J. Bhaskar Rao Garu, the Founder Chairman of JBIET to provide affordable quality education. This dream is further nourished by current management team headed by Chairperson Mrs. J. Vasumathi Devi Garu and Secretary Mr. J. V. Krishna Rao Garu.

INFRASTRUCTURE AND CAPACITY

The Institute started in 1998 with an intake of 240 and four branches. It has grown now in an organization with **Eleven** under graduate courses (ECE, EEE, CSE, IT, CIVIL, MECH , ECM, AI&ML, CSE(AI&ML), AI&DS and CSE(DS)), **Five** M.Tech. courses(CSE, VLSISD, CAD/CAM,SE and EPS) and a PG professional course of MBA. In 2023-24 total UG Courses annual intake of JBIET is 960.

Total PG courses annual intake was 66 and the annual intake in PG Professional course MBA is 120.

JBIET is part of 106 acre JB Campus. This campus is just outside the Mega city of Hyderabad in lush green surrounding in the vicinity of Gandipet lake. A contiguous piece of 12.5 acre land is exclusively earmarked and reserved for JBIET. It has clearly demarcated boundaries, sports grounds, Hostel, In-campus Bank and post office, and Canteen. State of Art and completely free medical facility is provided to all JBIET employees and students by its sister concern Bhaskar Medical College and its 700 bedded Bhaskar General Hospital.

The Institute is having five separate blocks, housing 11 UG departments. All M.Tech courses are co-located with their UG departments but with separate exclusive infrastructure. Total carpet area of JBIET is 46942 Sq. Meter, which is more than the norms required by UGC/AICTE. In addition to these Education blocks, separate Blocks for Workshops, Life Skills labs, ICT Labs, Canteen, Basketball Court, Cricket/Football ground, Vehicle Parking, different cells like EDP, I2Hub etc. space are provided. JBIET is on Hyderabad - Vikarabad main Highway. It ensures good connection of state transport buses from every part of the city. In addition to this JBIET operates 28 buses of its own for its students and faculties.

Objective-1: To Excel in the Era of Accreditations, Awards and Rankings (NBA/NAAC/NIRF/NIRF INNOVATION/ARIIA)

Strategy 1: place a remarkable seat in NIRF/NIRF INNOVATION/ARIIA etc. Rankings and National/Global level Awards.

Strategy 2: Achieve NBA Accreditation for all other branches.

Strategy 3: Achieve NAAC Re-Accreditation with A++ Grade.

Process: Institutional Preparation to Excel in the Era of Accreditations, Awards and Rankings shall be through step by step achievements with the support of all administrative and academic units involving all stake holders.

Outcome: The Institution shall produce skilled man power to meet the regional and national demands.

**To Excel in the Era of Accreditations,
Awards and Rankings**

Objective-1

Process

Institutional Preparation to Excel in the Era of Accreditations, Awards and Rankings shall be through step by step achievements with the support of all administrative and academic units involving all stake holders.

**The Institution shall produce skilled man
power to meet the regional and national
demands.**

Outcome

Objective-2: Establish as a Deemed to be University

Strategy 1: Respond to National Education Policy 2020.

Strategy 2: Study of recent trends in Higher Education and Engineering Education to follow alcouve process and programs.

Strategy 3: Preparation of Detailed action plan and strategic plan with implementation set goals.

Strategy 4: Generate Corpus fund and other operational funds for effective implementation.

Strategy 5: start cutting edge and demand driven PG Programs.

Strategy 6: start cutting edge and demand driven PhD Programs.

Strategy 7: Recruitment of Suitable faculty for teaching, training and research.

Strategy 8: Promote multi disciplinary academic and research culture among students and faculty.

Strategy 9: Expand Industry Institute Interaction through MOUs.

Strategy 10: Enhance Local, National and National outreach.

Process: Institutional Preparation for applying Deemed University status shall be through brain storming at all academic and administrative levels, Interaction with peers and stakeholders.

Outcome: A Degree granting university with the vision and motto of contributing to National development, delivering quality outcomes in teaching, learning and research shall be setup in backward region of Telangana, India.

Establish as a Deemed to be University

Objective-2

Process

Institutional Preparation for applying Deemed University status shall be through brain storming at all academic and administrative levels, Interaction with peers and stakeholders.

A Degree granting university with the vision and motto of contributing to National development, delivering quality outcomes in teaching, learning and research shall be setup in backward region of Telangana, India.

Outcome

Objective-3: Introduce Value added and Diploma courses

Strategy-1: Overview of Industry and Trades associated.

Strategy-2: Market Study and Cost Benefit Analysis

Strategy-3: Preparing a holistic plan

Strategy-4: Generating financial resources for setting-up.

Strategy-5: Formulation of contemporary Curriculum

Strategy-6: Creating Modern learning and computing resources

Strategy-7: Establishing Laboratories and workshops for value added and Diploma courses.

Strategy-8: Creating network of industry partners for student training and placement.

Process: Through market study on value added courses and Diploma courses, creating Infrastructure for it and partnering Industry for Training and placements.

Outcome: Institution shall produce skilled man power to meet the regional and national demands.

Introduce Value added and Diploma courses

Objective-3

Process

Through market study on value added courses and Diploma courses, creating Infrastructure for it and partnering Industry for Training and placements.

Institution shall produce skilled man power to meet the Regional and National demands.

Outcome

Objective-4: International Accreditation by ABET

Strategy-1: Conducting the readiness review.

Strategy-2: Submitting the request for evaluation

Strategy-3: Complete and submit the self study report with the following important items:

- Purpose(Mission Statement) & Set goals(Timeline)
- Program Educational Objectives and Student outcomes.
- Design and Conduct Assessments.
- Assessment Findings

Strategy-4: Institutional Preparedness for on-site visit.

Process: Institutional Preparation through brain storming at all academic and administrative levels, interaction with peers and review of proposals from experts.

Outcome: Continuous Quality Improvement (CQI) and value of brand for stakeholder academic and research endeavors.

International Accreditation by ABET

Objective-4

Process

Institutional Preparation through brain storming at all academic and administrative levels, interaction with peers and review of proposals from experts.

Continuous Quality Improvement (CQI) and value of brand for stakeholder Academic and Research endeavors.

Outcome

Objective-5: Advanced Infrastructure development for future

Strategy-1: Upgrading Laboratories with high end equipment and softwares.

Strategy-2: Establish Research and Innovation Center (Tinkering Lab, Design Thinking Lab and Technical Labs) for students and faculty research and Innovation.

Strategy-3: Establish Industry Supported Labs in trending areas.

Strategy-4: setting up incubation center for incubation and Entrepreneurship to promote students and faculty startups.

Strategy-5: Developing Advanced Digital Content Production & Delivery Center to offer courses through MOOCs.

Strategy-6: Developing studios for hosting national and international events such as TED talks and Endowment lecture series.

Process: Consulting experts and set-up modern infrastructure to meet all Academic and Research needs.

Outcome: Ambient modern Infrastructure for enhancing student learning outcomes and quality of other institutional outcomes.

**Advanced Infrastructure development
for future**

Objective-5

Process

**Consulting experts and set-up modern
infrastructure to meet all Academic and
Research needs.**

**Ambient modern Infrastructure for Enhancing
Student Learning Outcomes and Quality of
other Institutional Outcomes.**

Outcome

Objective-6: Curriculum delivery through professors of practice

Adopt and Approve Academic Reforms for delivery through industry Experts to give maximum benefit to students.

Strategy-1: Implementing fully flexible credit system.

Strategy-2: Large offerings of Inter-disciplinary courses

Strategy-3: Tie-up with Industries in the form of MOUs for curriculum delivery.

Strategy-4: Providing excellent facilities for Guest lecturers/Visiting faculty from Industry.

Strategy-5: Giving more Weightage to Industry feedback on Curriculum.

Strategy-6: Providing Subsidized collaborative consultancy schemes to Industries.

Process: Institution Preparedness for Adoption and Approve Academic Reforms for delivery through industry Experts to give maximum benefit to students.

Outcome: Successful Engineers are produced meeting all the advanced and recent trends in industry.

Curriculum delivery through professors
of practice

Objective-6

Process

Institution Preparedness for Adoption and
Approve Academic Reforms for delivery
through industry Experts to give maximum
benefit to students.

Successful Engineers are produced meeting
all the advanced and recent trends in
Industry.

Outcome

Objective-7: Collaborate with Foreign Universities, Admit Foreign Nationals and PIOs

Strategy-1: Involving foreign universities/Premier Institutes for Curriculum Development.

Strategy-2: MOUs with Foreign Universities for Faculty and Student Development.

Strategy-3: Providing Physical and Financial support for foreign students and PIOs.

Strategy-4: Collaborations with foreign universities/ Premier Institutes for Research activities.

Strategy-5: Starting Joint Educational Programs with foreign universities/ Premier Institutes and Industry.

Process: Fraternize with Foreign Universities/ Premier Institutes and Industry, market study of programs and courses.

Outcome: International Exposure to students and faculty, Industry readiness and multidisciplinary and multi cultural Eco System.

**Collaborate with Foreign Universities,
Admit Foreign Nationals and PIOs**

Objective-7

Process

**Fraternize with Foreign Universities/
Premier Institutes and Industry, market
study of programs and courses.**

**International Exposure to students and
faculty, Industry readiness and
multidisciplinary and multi cultural Eco
System.**

Outcome

Objective-8: Institutional Social responsibility for Community Development

Strategy-1: Encouraging NSS/UBA extension units of college to expand service to more villages to mould them into smart villages.

Strategy-2: Encouraging Student Activity Center (SAC) to bring more and unique events under the umbrella.

Strategy-3: Starting students and faculty Voluntary units for community support and development activities.

Strategy-4: Creating simple technology tools and Apps for shaping Digital India.

Strategy-5: Creating awareness about various useful schemes introduced by Govt. of India.

Strategy-6: Inviting students from neighboring villages to campus visits and Labs.

Strategy-7: Providing subsidized Admissions to students of neighboring villages.

Process: Permission from local authorities; organizing camps in villages; problem identification from society.

Outcome: Community Development and achievement of all student program outcomes and program specific outcomes.

**Institutional Social responsibility for
Community Development**

Objective-8

Process

**Permission from local authorities;
organizing camps in villages; problem
identification from society.**

**Community Development and achievement of
all student program outcomes and program
specific outcomes.**

Outcome

**SD/-
Principal**

