

# **STRATEGIC PLAN**

**2018-2028**

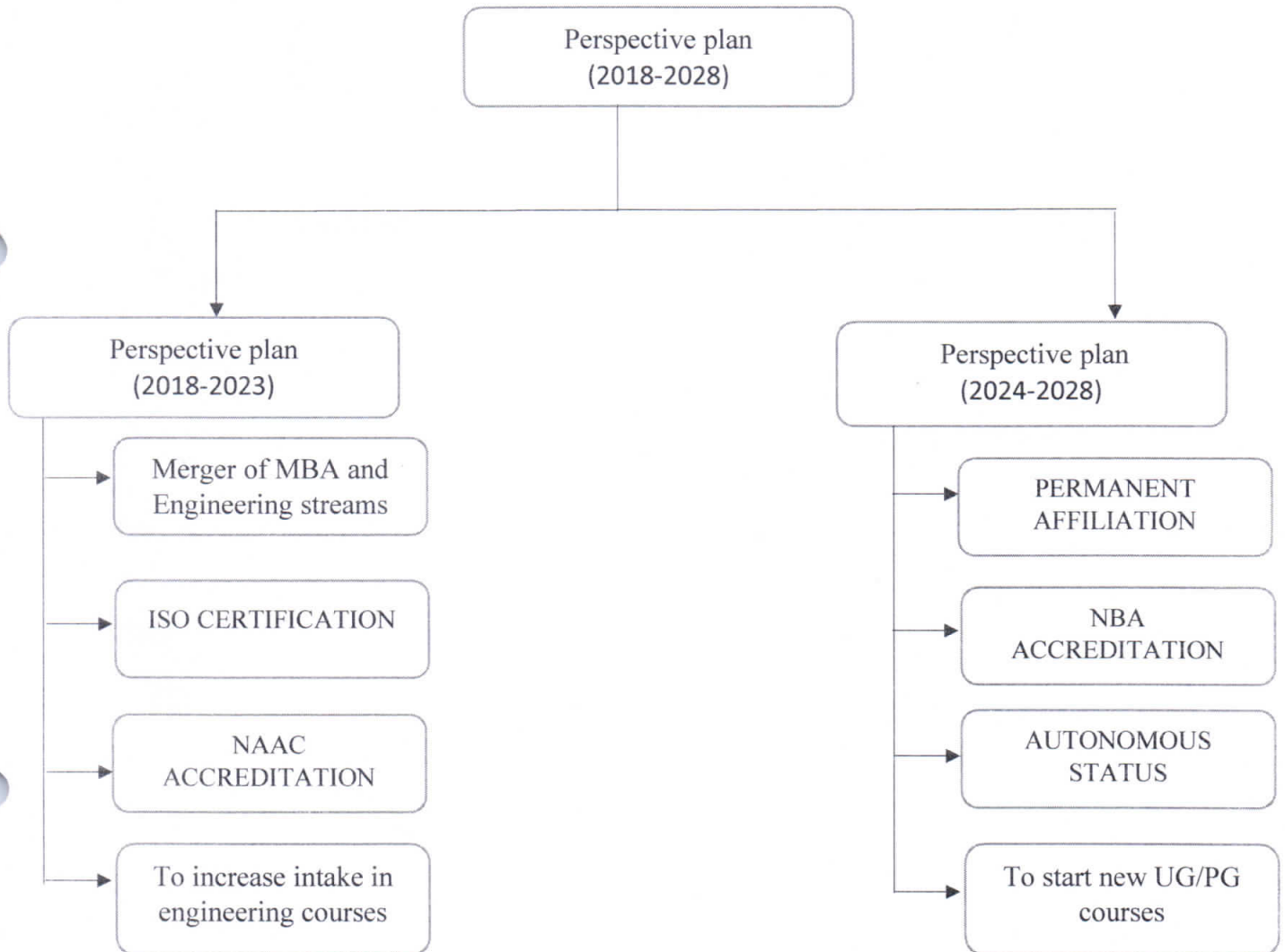


**GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES**

(Approved by AICTE, New Delhi, Affiliated to JNTU-Kakinada)

Gonnavanipalem, Aganampudi, Visakhapatnam-530046

## PERSPECTIVE PLAN: 2018 - 2028



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## **INTRODUCTION**

Knowledge is recognized as the main feature for economic growth and development of global economy, coupled with information and communication revolution. Technical education plays a vital role by creating skillful engineers, enhancing industrial productivity and improving the quality of social life. Technology impact created novel methods for classroom teaching and learning process. Many intellectual, social and practical problems require Inter-disciplinary approaches. It is necessary to empower the teachers to stay abreast of current and future trends in both the academic and research frontiers. Curriculum orientation should synchronize academics and research, makes the student strengths to think out of the box and exploring the new horizons.

The Institute has a well-defined structure for strategic planning and overall Management of resources. The Institute has prepared its own set of Strategic Plans to fulfil academic development of the institute, extra-curricular activities, sports, culture and defined targets for the utilization of infrastructural facilities of the institute. These targets have been set with extensive consultation with all stakeholders, staff, faculty, alumni, management and the industry.

Strategic Development Plan is drawn in light of the institutional vision and mission. Major thrust areas and actions are identified in the Strategic Development Plan. Excellence in academics, research and training and placement will automatically lead the college becoming a Centre of Excellence, which is the ultimate goal of the Strategic Plan. In order to attain this goal, the Institute has set into motion the committed academic and administrative community and focus on catapulting the 13-year-old college into the top-notch position in the State of Andhra Pradesh and also at the national level.

Strategic plan is an important tool for a college to manage itself effectively because it:

- Provides a framework for effectiveness and sense of direction
- Outlines the goals and targets
- It is useful for guiding day-to-day actions
- Helps in evaluating progress and changing approaches when moving forward

## **VISION**

To evolve as the centre of excellence in education, research and innovation contributing to the development of nation.

## **MISSION**

- To provide quality engineering education and implement innovation teaching learning process.
- To create conducive research environment through industry/academic linkages.
- To foster a culture of life-long learning and professional development for students, and faculty by encouraging them to keep abreast of emerging trends and technologies.
- To install ethical values and social responsibility among students through community services activities.

## **QUALITY POLICY**

- To develop mastery of fundamentals, motivation for learning, discipline, and self-reliance for professional achievement in each student.
- To promote measures for institutional functioning towards quality enhancement by internalizing quality culture and institutionalizing best practices.
- To provide a structure for thoughtful, dependable, and proactive action to improve the administrative and academic performance of the institution.

## **STRENGTH**

- Learning oriented ambience with academic discipline and dedicated faculties
- Visionary Leadership with qualified and efficient faculties
- High success rate in university exams
- State-of-the-art Infrastructure
- Advance campus facilities and equipped laboratories in all department.
- Special mentoring for personal attention and to keep track of students' progress
- Open spaces, lawns and gardens in campus supplement to elevate the grandeur of the environment and provide calm, peaceful and conducive atmosphere for academic pursuits
- Festivity campus environment with wide co-curricular and extra-curricular activities

## **WEAKNESS**

- Less number of faculties with doctoral degree and industry experience.
- Unable to execute innovative plans due to impediment of financial resources due to delay in government procedures for reimbursement of scholarship and tuition fees.
- Lack of Industrial Consultancy
- Inflexibility of academic structure and curriculum
- Student's intake from poor socio-economic background with low entry level scorers and poor language competence

## **OPPORTUNITIES**

- Strengthening collaboration with industry in research, consultancy, training & internships.
- To develop research centres in every department and get research grants
- To achieve NBA, NAAC accreditation and Autonomous institution status
- To develop partnership and sign MoUs with nearby industries and research organizations to facilitate the students and the teachers.
- Networking with other institutes and organizations
- To receive Government funding and Research Grants

## **CHALLENGES**

- Impediment in generating funds from tuition fees due to government delayed procedures.
- Dismal scenario of engineering field due to slow down in global and domestic market and low preference to private institutes.
- Retention and recruitment of faculty
- Student's inclination to IITs, NITs, IIMs and other government institutes.
- To maintain the higher teacher's cadre ratio due to scarcity of competent Ph.D. holders
- To achieve 100% admissions in all the branches.

## **STRATEGIC GOALS**

Considering the vision mission quality policy, analysis following goals were finalized by the governing members to improve the quality and quantity of research, holistic development of students, engagement with industry and alumni, and enhance student experiences.

### **SHORT-TERM GOALS**

- Quality assurance and endurance through accreditation NBA and NAAC
- Academic excellence by achieving by 100% pass in examinations
- Encouraging students to participate in co-curricular and extracurricular activities
- Improving life skills of students
- To conduct add-on programs relevant to industry
- Organizing programmes on entrepreneurship
- Ensuring 60%-80% placements for students.
- To increase intake in existing branches.

### **LONG-TERM GOALS**

- Autonomous status for the institution by 2026-2027.
- Permanent Affiliation from the affiliating university by 2026.
- 2(f) & 12(b) status.
- To be ranked in one of the top technical institutions of NIRF
- To integrate the academics and R&D programmes by for forging alliances with research organizations, government entities, industries and alumni.
- Equipping 90% placements for students.
- To offer viable programs of relevance for uplifting of rural students and populace

## **STRATEGIC PLANNING AND DEPLOYMENT**

The Strategic Plan of the institute is phased at five levels:

1. Improving the teaching/learning environment
2. Administrative and Organizational status.
3. Quality Improvement.
4. Promoting Research & Development, Innovation
5. Placements, Internship's& Career Guidance
6. Industrial and alumni interaction
7. Accomplish the excellence in Infrastructure Development

### **Strategy #1: Improving the teaching/learning environment**

Improving the teaching/learning experience in the campus by

- Student centric learning.
- Creation of facilities for e-content generation.
- Encouraging faculty publications in innovations of teaching learning practices.
- Faculty certified in ratification.
- Additional content on institution e-learning portal and encouragement of MOOCs and NPTEL
- Enhancing overall personality and confidence of students providing carrer and personal mentoring and counseling to students.
- Regular feedback from students.
- Implementing project-based learning.

### **Strategy #2: Strengthening the Administrative and Organizational**

Strengthening the administrative and organizational position through

- NBA Accreditation.
- Accreditation from National Assessment and Accreditation Council (NAAC).
- Application for addition of new UG programs in the emerging technologies.
- 2(f) status by 2022-23.
- Permanent affiliation from the affiliating university by 2022-23.
- 12(b) status by 20.
- Autonomous status for the institution by 2023-24.
- NIRF ranking below 500 by 2024-25.

### **Strategy #3: Ensuring the Quality Improvement**

Ensuring the quality in the institute by

- Strengthening of Internal Quality Assurance System.
- Development of academic facilities, Evaluation of Teaching-Learning processes.
- Extensive development programs for the faculty in all emerging areas.
- Framing vision and mission department wise for quality working.

- Identifying the changing trends in the global education sector and implementing the required.

#### **Strategy #4: Promoting Research & Development, Innovation**

Promoting the research in the institute by

- Establishment of advanced Research facilities and development of centers of excellence in specified areas.
- Increasing the number of research publications, consultancy projects and patents.
- Expansion of the industry institute collaboration.

#### **Strategy #5: Placements, Internship's & Career Guidance**

- Supports for internships, visits, training, guest seminar, carrier guidance dedicated team.
- Modernization of infrastructure (interview & conference rooms)
- Awareness programmes
- Company specific training programmes
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#### **Strategy #6: Industrial and alumni interaction**

- Dedicated Faculties and organized activities for alumni interaction building
- Establishing dedicated Alumni cell.
- Generating and maintain the database of all alumni and industrial contacts
- Recognition of successful alumni
- Engaging Faculties and students with alumni and experienced industrial persons by inviting them for guest sessions.

#### **Strategy #7: Accomplish the excellence in Infrastructure Development**

Accomplish the excellence in Infrastructure Development through

- Establishment of sports complex and open gym.
- Advanced computer labs.
- Establishing various cells and clubs for dedicating purpose.
- Enhancing basic amenities of the college.
- Increasing the seating capacity in the canteen.
- Construction of separate administrative building.
- On campus hostel facility for both boys and girls
- Upgradation of internet speed from 100Mbps to 150Mbps.
- Basketball court.
- Open air auditorium.

*Attaga Prasad*

Principal

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