

Estd : 2008



TRINITY

COLLEGE OF ENGINEERING & TECHNOLOGY



(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to JNTUH, Hyderabad)
(2nd Shift Diploma Affiliated to SBTET, Telangana State)

JNTUH COLLEGE CODE : **UE**
SBTET-TS COLLEGE CODE : **488**
POLYCET, EAMCET, ECET & ICET CODE : **TCTK**
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Strategic Plan And Development For

2024-29

By

Trinity College of Engineering and Technology

Karimnagar

Message

Trinity College of Engineering & Technology, Karimnagar, Telangana, was established by Trinity society for Community Development in 2008 aiming at becoming a pioneer in Technical Education in the private sector.

The Trinity College of Engineering & Technology, Karimnagar was instituted by the Vanisri Educational Trust in Karimnagar campus with an idea of opening an engineering college in the District Headquarter. The college offers courses in Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Artificial Intelligence and Machine Learning (AIML), and PG Course Master of Business administration (MBA).

The Internal Quality Assurance Cell (IQAC) recommended that, based on the progress of the strategic plan and development for 2017-2022, the supervisory document for the next five years (2024-2029) to be prepared to assess and improve the institution in order to deliver high quality education and earn due recognition. The strategic plan and development for 2024-2029 will be focused on good governance, best-in-class teaching-learning, research and innovation, and highly employable students who will be trained in technical skills while instilling a sense of social responsibility in them, in accordance with the college's vision and mission.

I congratulate and commend the high-quality work done by the Principal, HODs, and Faculty towards developing Strategic plan And Development.

Wishing all the success!

Dasari Prashanth Reddy

Chairman, TCTK


Principal
TRINITY College of
Engineering & Technology
Karimnagar-505 001.

Preface

Strategic planning is critical for an organization to achieve the Vision and Mission that it desires. In today's competitive environment, strategic planning is a continual process with a special focus on achieving institutional goals. The Strategic Planning and Deployment document is based on an analysis of present impediments and future opportunities, and it envisions the direction in which the organization should move in order to meet its goals and objectives.

The first part of it addresses the vision, mission which the institute dreams along with core values, institutional long term and short-term goals for next five years and measurable deployments strategic plan for 2017-2022.

These are defined and guided by the stakeholders (management, leadership, HODs, faculty, staff, industry, students, alumni and parents) through SWOC analysis. After analyzing the internal and external environment, the institutional goals were setup in all possible growth domains through continuous thought process and discussion with HODs and faculty members. The strategies with action plans were decided to achieve institutional strategic goals.

While formulating the strategic plan and deployment document, care has been taken to involve all stakeholders to help contribute their part which is vital for the success of every organization. Effort has been taken to clearly identify the implementation processes and monitoring by identifying measurable targets in line with the desired outcomes. This will emerge to be the guiding force for TCTK to achieve its goal to become an institution of Academic Excellence and providing professional by skilled young Engineers and Managers to the society.

Vision

- To be a globally recognized center of excellence in engineering education, research, and innovation empower students to become skilled professionals, creative problem solvers, and field leaders.

Mission

- Commitment to provide a comprehensive and high-quality engineering education that prepares students to become skilled professionals, innovative problem solvers, and ethical leaders in their fields.
- We are committed to fostering a dynamic learning environment that encourages curiosity, critical thinking, and collaboration.
- To create a healthy and conducive atmosphere among the faculty, students both professionally and ethically and to have an effective interaction with industry professional, alumni academicians of premier institutions.
- Our mission also extends beyond the classroom to encompass the holistic development of our students. We are committed to nurturing their personal and professional growth, instilling a sense of social responsibility, and preparing them to make positive contributions to society.

Quality Policy

We strive to be recognized as a centre of excellence and committed to continuously improve the quality of technical education by producing outstanding engineers willing to work to the spirit of challenge and innovation with high ethical and professional standards.

Core Values

Core values deliver the basis for all the academic, student and social programs and activities. The stated core values support the mission of Trinity College of Engineering And Technology.

- ☐ Enhance professionalism with good human values.
- ☐ Encouraging students to become productive, participating citizens.
- ☐ Support the mission and vision of the College.
- ☐ Focus on student and stake holder needs.
- ☐ Continuously evaluate and improve programs, services ,systems, and policies
- ☐ Promote creativity and innovation in all activities.
- ☐ Recognize and support staff and student contributions.
- ☐ Create healthy atmosphere for effective teaching–learning process.
- ☐ Encourage inter departmental collaboration.
- ☐ Recognize, appreciate, and celebrate the strength of diversity.
- ☐ Encouraging students to become productive, participating citizens.
- ☐ Sharing of experience, knowledge and skills.

STRENGTH, WEAKNESS, OPPORTUNITY, AND CHALLENGES (SWOC) ANALYSIS

Institutional Strengths

- ☐ Socially conscious, humanitarian, far-sighted and visionary management
- ☐ Located at the center of the city.
- ☐ Highly qualified and experienced teaching and non-teaching staff with high retention ratio.
- ☐ Membership with professional societies.
- ☐ Wi-fi enabled campus.
- ☐ Student's admissions have been consistently good.
- ☐ Functional MOUs with industries and academic institutions
- ☐ Well-established and state-of-the-art laboratories with good infrastructure.
- ☐ The administrative and management policies and controls are well-defined.
- ☐ Registered Alumni Association.
- ☐ Recognized and proactive NSS Unit.
- ☐ Lush green environment-friendly, pollution-free, plastic free campus to create an ideal study space
- ☐ Creating awareness among faculty members and students about the intellectual property rights and patent filling.
- ☐ MoUs with various organizations to bridge the gap between academia and industrial requirements.

Institutional Weakness

- ☐ It takes proactive measures to improve the quality of teaching, learning, and research. Though the institute has scripted many success stories, there are
- ☐ Certain areas in which it needs to move forward. There is a need to overcome the limitations in the following areas:
- ☐ Adhering to affiliated status, the college has restrictions pertaining to the academic flexibility to address industry requirements.
- ☐ R and D and consultancy activities need to be strengthened.

Institutional Opportunities

- ☐ Autonomous status will provide the flexibility in overcoming the short falls faced under affiliated status.
- ☐ The location of the college will leverage the opportunity to have collaboration with Central/State Universities, industry and Research laboratories.
- ☐ Strengthening the alumni network to provide more carrier development opportunities to the students.
- ☐ Introducing PG programs in each branch of the institution.

Institutional Challenges

- ☐ With a wide range of career opportunities available in the Software / IT sector, attracting quality students to enroll in the core engineering branch like EEE has become a challenge.
- ☐ Being an affiliated institution, meeting the industry demands and expectation with rapid change in technology has become a challenge.
- ☐ Attracting core companies for placements.
- ☐ Promoting sponsored research and consultancy as per industry requirements.

Strategic Goals

Trinity College of Engineering And Technology, Karimnagar, Management team after brainstorming the vision, mission, quality policy, core values, environmental factors and SWOC analysis have reached the step of defining Institution Strategic Goals for 2021-26.

1.	Good Governance
2.	Autonomous Status
3.	Accreditation And Certification
4.	Infrastructure and facilities
5.	Teaching And Learning
6.	Industry And Institute Collaborations (MOUs)
7.	Placement, Internships And Career
8.	Research And Development
9.	Alumni engagement and interaction
10.	Library And information centre
11.	Entrepreneurship
12.	Quality Assurance System
13.	Social Activities

Strategic Planning (2024-2029)

Strategic Goal	Strategic Planning
Good Governance	☐ Governing Body: ☐ Supervisory and approving policy matters, Staff Recruitments, annual budgets
	☐ Vision, Mission, and Institution Strategic Goals: ☐ Reviewing the Vision And mission of Institution ☐ Setting short term and long-term goals for next five years
	☐ Leadership And Transparency management: ☐ Implementation E-Governance in administrative, Student support, Examination etc.,
Autonomous Status, Accreditation And certifications	☐ Discussion in Governing Body and approval for ☐ University affiliation And Autonomous Status. ☐ Resource planning And budget approval. ☐ Inspections university affiliation preparation And Approvals. ☐ Preparation for the Accreditation And certifications
Physical Infrastructure	☐ Increase No. of Smart e-Classrooms in Depts. ☐ Up gradation Library infrastructure And e-learning ☐ Improve sports(indoor/outdoor)facilities ☐ Strengthen Hobby clubs And Cultural Clubs ☐ Increase Rain water harvesting and plantations. ☐ Zero plastics age in campus
Teaching And Learning	☐ Improve the e-content course material And video lectures and easy to access to students ☐ The improvements in teaching And learning infrastructure keeping inline the changing pedagogy ☐ Improved facilities in classrooms, e-classrooms, skill

Industry And Institute Collaborations	☐ Improve the Industry And Institute Collaborations. ☐ Identification of potential areas of research department wise. ☐ Providing opportunities for Industry based/sponsored projects. ☐ Establish more centres of excellence and skill development centers. ☐ Collaborating with industries to do student projects And ☐ Develop the project models
Training And Placement	☐ Conduct Student Career Path Planning, Program and trainings. ☐ Conduct Value added programmes. ☐ MOUs and relationship management ☐ Developing Data base of various potential industries/companies. ☐ Modernization of infrastructure (Videoconferencing, ☐ Interview and conference rooms).
Research And Development	☐ Enhancing R&D laboratories in all departments. ☐ Dedicated R&D facilitation And documentation centre. ☐ Competent technical staff or R&D labs. ☐ Establishing Consultancy cell. ☐ Strength IPR and Copyrights. ☐ Patent filing, Scaling up and commercialization.
Alumni Interaction	☐ Strengthen Alumni association and engagement. ☐ Database updation and interactive alumni website ☐ Establish local chapters and net working
Library And Information Centre	☐ Budget allocation for library And Information centre. ☐ Books, journals procurement, storage, and retrieval ☐ Digitization of Library resources ☐ Resources automation And Access (24X7) ☐ Strengthen Department Library
Entrepreneurship	☐ Participating IIC Activities And ARIIA Ranking ☐ Identify interested students for entrepreneurship. ☐ Identify mentors from successful entrepreneurs from Alumni /others.

Quality Assurance System	☐ Recognizing achievements And best practices ☐ Choose accreditation/certification agency. ☐ Improving academic audit process ☐ Train the faculty in areas of Quality Teaching And Administrative fields ☐ Implementation AICTE-360° feedback system in ☐ Appraisal system
Social Activities	☐ Study rural projects and challenges ☐ Increase the student enrollments in NSS ☐ Conduct awareness programs in villages Conducting health awareness camps And Blood donation ☐ camps

Strategy Implementation and Monitoring

Strategic development plan once approved by Governing Body and the progress shall be measured from time to time through the IQAC. Hence the measurable success indicators are clearly spelt out in the implementation document. The principal along with academic council and other team member will be the custodian for strategic plan and its deployment.

Implementation at institute level

Particular	Committee
Good Governance And Administration	GB, Chairman, Members of GB ,and IQAC
Finance And Account Management	Finance Committee
Institution Complaint Compliance(IIC)	Principal,Vice-Principal,IQAC,HODsWomenProtectioncellCoordinator
Autonomous And University Affiliations	GB, Principal, Vice-Principal, IQAC and HODs
Infrastructure-Academics	GB,Chairman,Principal,Vice-Principal,IQAC,HODsandInchargeMaintenance
Physical Infrastructure	GB, Chairman, Principal, Vice-Principal, IQAC, HODs and Incharge Maintenance
Teaching-Learning	Principal, Vice-Principal, IQAC, HODs, Faculty and Staff
Research And Development ,Consultancy	Principal, IQAC, Research-Coordiators
Student affairs	Principal, Vice-Principal And HODs
Student admissions	Principal, IQAC And Admission Incharge
Departmental activities	HODs, IQAC and Faculty
Placement And Training	Principal, IQAC ,Placement And Training Incharge and HODS
Entrepreneurship	Principal, IQAC and EAndD Cell Incharge
Library	Principal, Vice Principal, IQAC and Library Coordinator
Social Activities	Principal, Vice Principal, NCC/NSS/UBA Coordinators