



Institutional Development Plan

For

2020-2030



SRINIVASA EDUCATIONAL SOCIETY'S

PACE INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)

Approved by AICTE, Accredited by NAAC(A Grade), Recognized under 2(f) & 12(B) of UGC
Permanently Affiliated to JNTUK, Kakinada. A.P., An ISO 9001:2015 Certified Institution
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About PACE INSTITUTE OF TECHNOLOGY AND SCIENCES (PACE ITS):

PACE INSTITUTE OF TECHNOLOGY AND SCIENCES (PACE ITS), was established Under the Srinivasa Education Society in 2008 at Valluru village near Ongole. It has been running successfully since the academic year 2008-2009. PACE, being an NRI project, is committed to creating a world-class technical education.

The Institution was established in the year 2008 with a humble beginning with a modest strength of 240 students, by the founders Er. M. Venugopal Rao, Chairman, and Er. M. Sridhar, Secretary & Correspondent. Ever since it has been flourishing from the minimum strength to the immense student strength in the stewardship of enlightened management. PACE has been situated in a panoramic area of 12.87 acres. The institute has obtained a place of pride and become a pioneer in imparting higher education in the rural domain. The management has initiated courses such as B.Tech, M.Tech, MBA, and Diploma.

The AICTE, New Delhi approved PACE Institute Of Technology and Sciences in the year 2008 and sanctioned the strength of 60 students for each branch of EEE, ECE, CSE, and IT. In the year 2009-2010, CIVIL and MBA were approved successively. In the consecutive year 2010, the college was sanctioned the Mechanical and Automobile branches. An M.Tech Program (CSE), and 120 seats for B.Tech (CSE) were sanctioned by AICTE in 2012. In the year 2013, the institute was approved by AICTE for M.Tech Programmes in ECE and EEE, along with 120 seats for B.Tech (Civil & Mechanical). By adding another feather to the eminence of PACE, the State Board of Technical Education of Andhra Pradesh sanctioned Diploma (EEE & MECHANICAL) in the year 2012. In 2019 the institute was approved by AICTE for 60 seats in CSIT. The institution was approved by AICTE for CSE(IOT & CSBT), AIDS & AIML in the year 2020. The institution got approval for CSE in regional language i.e Telugu CSE(R). And in 2023 the institute got approval by AICTE for VLSI & Embedded Systems. The various courses run by the Management are endowed with a team of dedicated faculty working with a missionary zeal.

The following are the major achievements of PACE:

- PACE Institution of Technology and Sciences was established in 2007 and started functioning in the 2008-2009 Academic Year with an Intake of 240.
- Offering Education in Under Graduation (B.Tech), Post Graduation (M.Tech & MBA)
- AICTE-approved Institution
- NAAC "A" Graded Institution
- EEE, ECE, and CSE are three NBA Accredited programmes
- UGC recognized Autonomous Institution
- UGC 2(f) & 12(B) Recognition
- ISO 9001:2015 recognized Institution
- Permanently Affiliated to JNTUK, Kakinada
- ARIIA Promising Band Institution
- Indian Innovation Council 4-Star Rated Institution
- Unnat Bharath Abhiyan approved institute
- Pradhan Mantri Kaushal Vikas Yojna for Technical Institutions (PMKVY-TI) established a training center
- PM YUVA Yojana Empaneled Project Institute
- Recognized as Host Institution of Incubation Component by MSME
- NCC 34(A) Battalion -approved center
- Conducting regular events under NSS-I & II units
- PACE got "**Best Engineering College in AP**" Award from Indian Business Congress, Tamilnadu.
- EDURAND rated PACE as the **BEST COLLEGE AWARD** among top 850 colleges in India.
- PACE was Rewarded with '**AAA+**' rating by Career 360 Magazine.
- PACE Ranked as **49th best Private Engineering Institute in India** by "The Higher Education Review".
- PACE received "**Most Trusted Engineering Institute of the year**" under Autonomous Engineering Institutions category at Asia Education Summit 2022.
- PACE was presented the **e-governance award** for its deployment of information and communication technologies. PACE developed the quality of services in the field of education and enhanced the access of information widely.

- PACE was rewarded the **Brands Academy Award** for an entrepreneurship in a remote area which was equipped with highly qualified and efficient professionals. In its entrepreneurship is offering great opportunities for students world wide.
- PACE is bestowed with **Global quality Award** for its efficiency and excellency in providing the quality education in the institution. PACE ever and never compromises for the provision of quality and ethical development. It has AA+ grade for maintaining global quality in education and infrastructure.
- **Best Training and Placement Institute** Award of Andhra Pradesh.
- **Best Emerging Private Engineering College** Award.
- **Best Upcoming Engineering College** Award

Vision

Our vision is to impart futuristic technical education to transform the students into technically superior, ethically strong, and self-disciplined to serve the nation as a valuable resource.

Mission

1. To inculcate quality education by implementing innovative teaching-learning methods and state-of-the-art facilities.
2. To enrich the intellectual know-how, credibility, and integrity of the students to necessitate industry.
3. To recognize as scholarly and influential leaders in engineering education and to develop human power with creativity and passion for the advancement of future nations.

To comprehend the external and internal factors that affect Institutional success and growth, SWOC analysis has been carried out by collecting the inputs from the various stakeholders. Following are the important factors identified based on the SWOC.

Further, in order to realize the institution vision, institutional road map for the next 10 years has been formulated with the following themes:

- Quality teaching and learning resources
- Research and development
- Outreach and Engagement
- Effective and Efficient management.

For the above themes, short term, medium and long term goals have been formulated as mentioned below.

- Short term goals: From 0 to 2 years.
- Medium Term goals: From 2 to 5 years
- Long term goals: From 5 to 10 years

Theme 1: Quality Teaching and Learning Resources

a) To provide an excellent Teaching and Learning opportunity in multidisciplinary teaching with a world class infrastructure.

Short term goal:

- Employ excellent faculty for teaching and strengthen our capabilities in strategic priority areas.
- Provide an excellent Teaching and Learning environment in emerging multidisciplinary areas along with regular courses, supported by a state-of-art Laboratories.

Medium term goal:

- Develop a curricular and student learning ecosystem of international standards in emerging multidisciplinary areas.

Long term goal:

- Establish joint programs in emerging areas with foreign universities (PG Diploma and UG).

b) To establish a Centre for Continuing Education to cater the needs of changing technologies by offering multidisciplinary courses for life-long learning.

Short term goal

- Start industry oriented online courses leading to certification in state of art technologies
- Establish Centre for Engineering Education by offering high quality teaching equipment and pedagogy
- New learning strategies will be identified/developed to improve student learning environment

Medium term goal

- Establish an extended centre for Continuing Education

c) Strengthen the Recruitment of faculty from premier institutes for teaching and research

Short term goal/ Medium term goal

- Enhance recruitment of faculty from premier institutes from India and abroad, for engineering and research

Theme2: Research and Development

a) To promote quality research in multidisciplinary areas

Short term goal

- Strengthen centres of excellence(CoE) for research in multidisciplinary areas
- Promote a multidisciplinary research culture
- Promote innovation and translational research activities

Medium term goal

- Be recognized centre in the multidisciplinary research areas
- Have PACEITS faculty as a part of state and national task forces in specialized fields

Long term goal

- Be recognized nodal centre for identifying solutions in the fields where CoEs are established
- Promotes spin-off companies for developing products from the research outcomes

b) To collaborate with industries and institutions to drive research and innovation

Short term goal

- Increase the linkages with research organizations and industries
- Enhance consultancy services to service sectors and industries
- Promote entrepreneurial culture

Medium term goal

- Strengthen the collaboration with global universities
- Establish industry sponsored research labs.

Long term goal

- Establish a research and innovation council.
- Commercialize products with industry support.

c) To enhance funding opportunities, number of quality research publications and patents

Short term goal

- Increase faculty involvement in sponsored research from Government and Private organizations.
- Facilitate open access research.
- Improve acceptance percentage of external funded project application.
- Increase the number of patents that are granted.

Medium term goal

- Enhance research through national collaboration.

Long term goal

- Become research intensive Institute.
- Aim to achieve NIRF rank within 100.

Theme 3: Outreach and Engagement

a) To translate Research and innovation for the benefit of the society

Short term goal

- Promote Campus based activities and networks for community outreach.
- Dissemination of research outcomes for national purpose.

Medium term goal

- Translate the cutting-edge research and innovation coming out of PACEITS COEs into applications of societal importance and benefit.

Long term goal

- Create products and services of lasting value to the society

b) To create an environment to attract students and faculty from all sections

Short term goal

- Achieve a significant student proportion from economically and socially challenged background as well as from underprivileged community.
- Aim to create an environment that enables anyone who is differently-abled to participate fully in the activities of the institute.

Long term goal

- Promote diversity among students from other states, and establish a culture of welcoming international students.

Theme 4: Effective and Efficient Management of resources

a) Achieve excellence in governance and administration through transparent policies, accountability, quality and accessibility for stakeholders

Short term goal

- Upgrade all physical facilities and the campus surroundings to global standards in quality, cleanliness and safety.
- To modernize and strengthen existing lab facilities and establish new labs for emerging areas as per requirement.

Medium term goal

- Create facilities that can support world-class teaching and research.
- Encourage student and faculty exchange programs with foreign universities

b) Develop a mechanism with world class infrastructural facilities for administration of undergraduate and post graduate admissions, education, and research.

Short term goal

- Establish an effective continuous quality monitoring system for teaching - learning, research and administration.
- Create an environment that responds to the global needs as well as the community's needs

Medium term goal

- Actively seek accreditation from reputed national and international agencies.

To establish PACEITS in line with NEP of Government of India

Short term goal

- Establishment of Centres for Excellence in the areas of advanced research.
- Start multidisciplinary UG & PG programmes.
- Start multidisciplinary online certificate courses.
- Establish Centre for Continuing Education.

Medium term goal

- Enhance external funding & consultancy.
- 100% PhD faculty.
- Obtain Accreditation from National Agencies.