



SURYA ENGINEERING COLLEGE, ERODE

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC & Recognized under section 2(f) of the UGC Act 1956)

Erode - Perundurai Highway Mettukadai, Erode-638 107.

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Strategic Plan for Surya Engineering College

(2023-2030)

1. Academic Excellence

- Introduce new undergraduate and postgraduate programs in emerging fields such as, Artificial Intelligence, Data Science and Cyber security.
- Revise and update the curriculum regularly in consultation with industry experts to ensure it aligns with the latest technological advancements and industry needs.
- Implement Outcome-Based Education (OBE) and ensure alignment with NAAC standards for all programs.

2. Infrastructure Development

- Upgrade existing laboratories and establish new centers of excellence with state-of-the-art equipment in collaboration with industry leaders.
- Expand library resources to include digital libraries, e-journals, and access to global research databases.
- Develop a dedicated innovation and entrepreneurship center that provides incubation support, funding assistance, and mentorship to student startups.

3. Faculty Development

- Invest in continuous professional development programs for faculty, including opportunities for research, higher studies, industry exposure, and participation in international conferences.
- Establish a Faculty Development Center (FDC) focused on pedagogy enhancement, research methodologies, and use of technology in teaching.
- Encourage faculty to engage in research projects and consultancy, aiming for at least 10% of faculty to be involved in funded research projects by 2028.

4. Research and Innovation

- Increase research funding through government grants, industry-sponsored projects, and international collaborations.
- Create research clusters focusing on interdisciplinary and societal-impact research in areas such as Smart Cities, Sustainable Development, and Healthcare Technologies.
- Set a goal to publish at least 100 papers in SCOPUS-indexed journals and secure 5 patents by 2028.

5. Industry Collaboration and Placements

- Develop strategic partnerships with top-tier companies for curriculum development, guest lectures, and placement opportunities.

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- Aim for 100% placement for eligible students by enhancing the placement training program, focusing on soft skills, aptitude, and technical skills.
- Collaborate with industries to establish live labs and industry-driven elective courses.

6. Student Development and Engagement

- Launch a comprehensive student development program that includes skill development workshops, leadership training, and entrepreneurship programs.
- Foster a vibrant campus life through clubs, societies, cultural events, and sports activities.
- Promote student participation in national and international competitions, hackathons, and conferences.

7. Digital Transformation

- Implement a robust Learning Management System (LMS) to facilitate blended learning, online courses, and digital content delivery.
- Leverage technology to automate administrative processes such as admissions, examinations, and student services.
- Develop a virtual campus tour and online student support systems, including career counseling and mental health services.

8. Internationalization

- Establish academic collaborations with renowned international universities for student exchange programs, joint research, and dual-degree programs.
- Aim to attract at least 50 international students annually by 2028 through targeted outreach and scholarship programs.
- Promote global exposure by encouraging faculty and students to participate in international conferences, workshops, and collaborative projects.

9. Quality Assurance and Accreditation

- Achieve accreditation from NBA for all eligible programs and work towards NAAC 'A+' grade by the end of the strategic period.
- Conduct internal quality audits and feedback systems for continuous improvement of academic and administrative processes.
- Develop a comprehensive Institutional Development Plan (IDP) in line with NEP2020 guidelines.

10. Sustainability Initiatives

- Implement green campus initiatives such as rainwater harvesting, waste management, solar energy, and energy-efficient buildings.

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- Promote research and awareness on sustainability through dedicated courses, projects and community outreach programs.
- Aim to achieve a carbon-neutral campus by 2030.

11. Community Engagement and Social Responsibility

- Strengthen engagement with local communities through outreach programs, skill envelopment, and rural development initiatives.
- Encourage students and faculty to participate in social responsibility projects addressing local issues.
- Establish partnerships with NGOs and government agencies for collaborative community development projects.

12. Alumni Engagement

- Establish a robust alumni network to support mentorship, guest lectures, placements and fundraising for college development.
- Organize annual alumni meets, webinars, and panel discussions to strengthen alumni relations and involvement.
- Develop an alumni portal for continuous engagement and collaboration opportunities.

13. Student Entrepreneurship and Startups

- Encourage innovation and entrepreneurship through dedicated courses, incubation support, seed funding, and mentorship.
- Host annual entrepreneurship summits, hackathons, and business plan competitions.

14. Inclusivity and Diversity

- Promote diversity and inclusion through scholarships, support programs, and inclusive policies for underrepresented groups.
- Ensure a gender-balanced and inclusive environment by encouraging participation from all sections of society.
- Create a dedicated cell to address concerns related to diversity, inclusivity, and equity.

15. Governance and Leadership

- Strengthen institutional governance by involving all stakeholders in decision-making processes.
- Develop a leadership pipeline for faculty and administrative staff to ensure smooth succession planning.
- Implement strategic monitoring and evaluation mechanisms to ensure the achievement of the set objectives.
- This strategic plan outlines a comprehensive approach to transforming Surya Engineering College into a leading institution by 2030.