

**GOVERNMENT COLLEGE OF TECHNOLOGY
COIMBATORE – 641013.**

(An Autonomous Institution affiliated to Anna University)



**STRATEGIC PLAN
2023 – 2028**

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE – 641 013

STRATEGIC PLAN 2023 – 2028

VISION

To emerge as a centre of excellence and eminence by imparting futuristic technical education in keeping with global standards, making our students technologically competent and ethically strong so that they can readily contribute to the rapid advancement of society and mankind.

MISSION

- To achieve Academic excellence through innovative teaching and learning practices.
- To enhance employability and entrepreneurship.
- To improve the research competence to address Societal needs.
- To inculcate a culture that supports and reinforces ethical, professional behaviours for a harmonious and prosperous society.

SWOC ANALYSIS

Institutional Strength

- Premier Institute of Tamilnadu, lush green campus with good infrastructure and 77 years old.
- One of the most preferred engineering colleges studied in the industrial smart city of Coimbatore.
- College was accorded permanent affiliation by Anna University for all UG and PG programmes.
- Offered 9 UG and 11 PG programmes under CBCS, adopted OBE and effective teaching, learning is practised.
- Strong curriculum structure for delivering a quality education and systematic updating of curriculum adapts to current trends.
- Dedicated and Competent faculty, use of ICT in teaching and learning process, eagerly participated in FDPs, conferences, orientation and refresher courses for improving knowledge and teaching skills
- Full Autonomy and all departments are recognised as research centres.
- Funded under all the three phases TEQIP projects.
- Students involvement in professional societies/chapter and technical clubs activities broaden their horizon

Institutional Weakness

- Limited industry institute interaction and academic association with R&D organization.
- Inordinate delay in filing vacant posts and promotions for faculty.
- Tedious and cumbersome some government procedures causing administration delays.

Institutional Opportunity

- Establishing more centres of excellence to increase the ambience for R&D.
- More real time projects and funding under smart city, start-ups and other government initiations.
- Meaningful and realisable collaborations with international academic institutions and R&D organization.
- Preparing students at all level to participate in national and international events.
- Collaboration with Industry and Academia for Internship, Industrial projects and better placement.

Institutional Challenge

- Majority of students are from rural areas and prepare them globally competitive.
- Many well performing institutions in the neighbourhood and take the leadership among the institutions.
- Transforming students into successful entrepreneurs.
- Internal revenue generation for self reliance and financial sustainability.
- Become financially and administratively autonomous. Collaborative Labs and Incubation centre.

STRATEGIC GOALS

1. Curriculum Design and Development

- Integrating Industry 4.0 concepts into curriculum enrichment.
- Incorporating Sustainable Development Goals (SDGs)
- Adopting and implementing cutting-edge technology.

2. Teaching Learning Process

- Introducing Cutting-Edge Teaching Approaches
- Establishing industry-backed laboratories
- Integrating pocket labs into the teaching and learning process
- Promoting the use of ICT and AI tools across the institution.
- Strengthening the multidisciplinary approach in education

- Encouraging technology-enabled self-directed learning
- Developing projects into impactful publications, innovative products, or patented solutions.
- To enhance institutional efficiency, achieve high-level accreditations, and improve national ranking.

3. Research & Innovation

- Securing and maximizing R&D grant opportunities.
- Promoting sponsored research programs
- Enhancing publications (journals and books)
- Encouraging joint and collaborative research initiatives.
- Driving the progress of patent and intellectual property rights (IPR) development.

4. Faculty and Staff enrichment

- Enhancing faculty professional skills and fostering growth.
- Enhancing staff skills and capabilities.
- Advancing staff qualifications and professional development.

5. Student support, Outreach and Placements

- Achieving top-tier placements
- Fostering active student engagement in innovation programs.
- Promoting student success in competitive examinations and higher studies.
- Encouraging entrepreneurship and promoting startup ventures.



Principal
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