



# KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

Namakkal-Trichy Main Road, Tholurpatti, Thottiam, Trichy, Tamilnadu-621215, India

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai,

Accredited by NBA (CSE, ECE & EEE), Accredited by NAAC with B++ Grade,

Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

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## Criterion VI – Governance, Leadership and Management

### Key Indicator - 6.2 Strategy Development and Deployment

#### 6.2.1 The institutional Strategic/ Perspective plan has been clearly articulated and implemented.

**Describe any one activity/practice successfully implemented based on the institution's strategic plan (within a maximum of 200 words).**

#### **Curriculum Development**

The curriculum provided by the Anna University, Chennai is adopted for the students of Second, Third & Final Year and KNCET Autonomous Curriculum is adapted for First Year Students. The quality education is imparted with resource potentiality, institutional goals and concern towards the students. However, the college organizes Co-curricular activities such as Guest Lectures, Seminars/Workshops, Industrial Visits, In Plant Training and Internship; value added courses and various Training Programmes for enriching the curriculum intern to the students.

#### **Teaching and Learning**

Our institution's motto is to provide outcome based education. In such a way, our college vision and mission have been formulated and also it is in line with the quality policy of the institution. Anna University sends Academic Schedule which consists of Commencement of Classes, Last Working Day and Commencement of End Semester Examinations. In accordance with the university academic schedule, our Principal prepares an academic schedule for every semester that helps to plan academic events in each department:

- Commencement of Classes, Class Committee Meetings
- Internal assessment tests such as Terminal, Model and Coaching Examinations,
- Submission of Log Books and Question Papers, Result Analysis, Letters to Parents, Student Counselling Reports and Completion of Practical Record Notes.

The subjects are allotted to the faculty before the commencement of classes based on their specialization and experience. The Hods guide and monitor the progress in content delivery for the particular course in all the ways. Lesson plans are prepared to be in line with Course outcomes (COs), Programme Outcomes (POs) and Programme Educational Objectives (PEOs) and their implementation is checked during academic audits/ISO audits.

For that each faculty member maintains the subject log books, records of daily lectures delivered and practical sessions conducted. This is reviewed by the HoDs weekly and countersigned by the Principal monthly. Internal tests are conducted to the students and their results are analysed. Based on the results, the following remedial measures are taken.

- Guiding the students on the preparation and presentation skills during exams.

- Conducting special coaching classes for slow learners.
- Conducting additional tests.
- Offering counselling to the students.
- Encouraging the students to attend workshops, conferences and seminars.
- Providing reference materials

NPTEL video courses for all the subjects, video lectures by the experts, e- journal facilities are available in our digital library for knowledge enrichment Seminars, Guest Lectures and Workshops are conducted to interact with the experts from Industries and Academics. CISCO certification course on CCNA is conducted to train the students on networking about the internet and its travel across the CISCO systems. Research Co-ordinators, Industry Co-ordinators are nominated and Centre of Excellence has been established in order to enhance Teaching Learning process to the Industry standard. Value added courses are conducted right from the second year of study based on the curriculum gaps identified through mapping of desired course outcomes and the syllabus to enhance students' employability.

#### **Examination and Evaluation**

- As per the Regulations of Anna University, two terminal examinations and one model examination are conducted. 20 Marks are allotted for internal examinations, and remaining 80 marks are allotted for the end semester examinations.
- The question papers are framed by the faculty through the cognitive process (Bloom Taxonomy) with the courses to induce the knowledge of the students, which will boost up the analytical and critical thinking. In general, the first two units of the curriculum are covered in Terminal examination I, third and fourth units of the curriculum are covered in terminal examination II and all the five units are covered in model examination.

#### **Research and Development**

The Research and Development Cell has been carved out to promote the research activities in the field of Science, Engineering and Technology among the students and faculty members by providing necessary facilities and infrastructures required by them. The Research and Development Cell is functioning under Dean (Research and Development) to provide support and guidance to the students and faculty members for their research activities in the thrust area. Research Coordinators are nominated from each department and have the responsibility for Project Proposals and to guide the faculty members to apply for Seminars, Workshops & FDPs proposals to various funding agencies, to write journal and conference papers in SCI/Scopus indexed Journals and guide the students to apply for various Project Competitions, Symposiums, Hackathon and Conferences.

In addition to this, the cell consistently motivates and creates keen interest among the teaching community to attend National and International conferences, seminars, workshops and faculty development programmes apart from monitoring the projects done by the students

and faculty. Anna University has approved the research centre to Department of Electronics and Communication Engineering. The Electronics and Communication Engineering, Computer Science and Engineering & Information Technology department faculty members and students can make use of this research centre for carrying out their research

**Industry Interaction / Collaboration**

In order to promote the placement activities and provide the training required to the students, the college has established the Centre for Campus to Corporate to look after the placement activities only. This division provides training in Soft Skills and Personality Development. MoUs have been signed with the industries to maintain good relationship with them. Students are encouraged to take up industrial projects in their prefinal year. Industrial Visits and In-Plant Trainings are arranged regularly to the students. Besides that, eminent Human Resource Persons are invited to the campus to give Guest Lectures and Motivational Speeches. Centres of Excellence have been created in most of the departments to provide training to the students. Periodical visits to the industry are arranged to update the technology and its adaptation and implementation. The Industry Institute Partnership Cell (IIPC) of our college provides a platform for the students as well as faculty members to be aware of industry expectations of skill sets required to meet the global challenges.