



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service: SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]

[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]

[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

Vattamalaipalayam, N.G.G.O. Colony Post, Coimbatore – 641 022



INNOVATIONS BY FACULTY IN TEACHING AND LEARNING

Participative learning

- **Professional summary report:** In every semester one course is identified for presentation of the Professional Summary Report. The outcome is additional reading, technical writing and presentation.
- **Self – Learning:** The faculty mentors motivate the students to learn online through online portals obtaining certifications. This aids in credit transfer and are reflected in the grade sheet.

Experiential learning

- **Projects:** the students are assigned with mini project both in II and III year. **The outcome is an innovation process / product for commercialization.**
- **Internships / Inplant Training:** Internships and Inplant training provide hands on experience and on the job learning as the students spend 2 to 12 weeks on these.
- **Entrepreneurship Cell:** Students have entrepreneurial skills developed through the entrepreneurship cell are motivated to work on small projects and get the opportunity for startups.

Experimental Learning

. During the programme every student would undergo on an average 14 laboratory courses. The **experiments beyond syllabus** in lab course enhance the learners' inquisitiveness.

Problem solving methodologies:

The faculty inculcate problem solving methodologies and skills to the students through ICT enabled learning, case studies and tutorial sessions for analytical courses.

ICT starts with students registering for the courses for the faculty of their choice every semester online, enabling them to opt for both course and faculty.

Online teaching is conducted using licensed Webex platform along with tools like Google class room, Quizz, Mentimeter for teaching and learning. The courses on programming are taught using **skilling ICT platform**. The **software developed in house** is used to conduct online internal assessment tests. The **employability enhancement courses** are conducted with a daily **practice test on-line enabling** practising and up skilling.

Learning Resources

The central library along with ELSEVIER SD and Springer Nature has provided free access of text books. IEEE xplore digital library, EBSCO Database, the electronic resource packages like DELNET, NPTEL, and Digital Library are available.

SREC Student APP:

The institution provides SREC STUDENT APP where student / parent can view the home page with features like profile, courses, attendance, results, internal marks, course credits news, grievances, time table, exam schedule etc.

Academic Management System:

Academic Management System is a tool for faculty, students and administrators to assist in the process of college admissions and post admission. The online-platform manages the courses registration, student attendance and internal assessment marks.