



R.M.K. ENGINEERING COLLEGE

Kavaraipettai – 601206.

Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi/ Accredited by NAAC with A+ Grade /
All the eligible UG Programs are accredited by NBA, New Delhi.



BEST PRACTICES

7.2.1 – Describe at least two institutional best practices

(1) Industry collaboration to enhance employability skills:

- B.Tech. Computer Science and Business systems programme is started which is powered by Tata Consultancy Services.
- B.Tech. Artificial Intelligence and Data Science programme with Cognizant as its knowledge partner.
- B.Tech. information Technology is Virtusa batch adoption program.
- MoUs with 17 industries for guest lectures, projects, industrial visits etc.
- 15 Centers of excellence are established in collaboration with industry partners. CoE training helps students to get trained in the emerging technologies such as Big data, IoT, Artificial Intelligence, cyber security, Product Life cycle Management, automotive electronics etc. This training provides the student to have innovative thinking and enables the students to be equipped for job markets in the industry 4.0 scenario.

There is a huge demand for skilled professionals in the area of automotive electronics and infotronics in order to improve safety, comfort, performance and energy efficient systems.. To provide training on real time systems of automotive which help students to meet the auto industry expectations, our college has established Joint Certification Centre (JCC) in association with BOSCH Limited.

JCC will act as the bridge to address the technological gap and focus on various technical training programs for Bosch network. The main objective of the established center is to create a knowledge centered environment for the students to be trained in automotive electronics technologies such as autonomous driving, all-electric cars, and in-car infotainment which are the new trends in the automotive industry.

Corporate Competitions are conducted by various MNC's and Professional societies to capture the talent, practical exposure, and the innovative thinking ability of the Students. Students are encouraged to participate and win prizes in these competitions conducted by them and this level of participation by the students enhances the Professional up-liftment in them for better carrier opportunities.

The Industry Institute Partnership Cell (IIPC) has been established in the year 2013 with the sponsorship of All India Council for Technical Education (AICTE), New Delhi. This Industry Institute Partnership Cell (IIPC) provides better interaction between the institution and industry.

Objectives

Developing close links between Industry and Institute by interaction programs.

- To conduct Industrial Training and Industrial Visits for the students and faculty.
- Organizing seminars, symposiums, exhibitions and workshops
- Motivate the young executives to become successful entrepreneurs.
- Widening and effectively implementing the area of R & D and consultancy between the industries and the Institute

Industry collaboration to enhance employability skills:

- <http://rmkec.ac.in/cel/showtnpindustryconnect.php?dept=tnp>
- <http://rmkec.ac.in/cel/showtnpiipc.php?dept=tnp>
- <http://rmkec.ac.in/pix/2020/aicte20191.jpg>

(2) Value based education and Club activities:

The department undertakes various initiatives to impart value education to the students.

1. Silence period: The mind can take us on a rollercoaster ride. One moment it makes us worry about what happened ten years ago, the next moment it makes us sad about the past. Learn to quiet your mind so that you can harness the power of your spirit - William Penn
Every morning, “Silence period” for 3 minutes (8.30 – 8.33 a.m.) is observed by every student. The quiet and calm mind is fresh and enhances the learning capacity.
2. Thought for the day: A brief “Thought for the Day” is narrated by a student / Faculty / class.
3. HoD writes motivational / inspirational messages to all the students every week.
4. Students’ induction program is conducted for a period of 21 days (College tour).
5. Universal human values classes are conducted one hour / week and incorporated in the time table.
6. UHV classes were conducted for a week for all the I year students.

7. 3 day motivational program on self - development, personality development skills, career orientation, psychometric test, creativity skills are conducted for all the students through eminent personalities like Mr.Jayaprakash Gandhi, Mr.Ragunath, Ethnus Company, FACE academy etc.
8. Students are motivated to participate in social service activities in nearby villages such as plastic waste management, COVID 19 awareness, cloth bag distribution etc.

The department established various clubs to enhance problem solving and creativity skills of the students. The clubs established are:

1. Eco club is an initiative towards creating bond with nature. Our eco club undertakes initiatives to protect nature and follow green practices.

2. Science and innovation club: was established with a motive of enhancing the students on innovative skills with application of science for problem solving.

Every year, innovative project competitions are conducted. Students display their projects under the guidance of teachers and a jury comprising of eminent personalities evaluate the projects. Best projects are awarded with certificates and cash prizes.

Similarly, paper presentation contests on “emerging trends in respective fields” are conducted every year.

3. Language Club: Communication skills a mandatory requirement for a successful career is honed by language club with its plethora of activities, such as, elocution, debates etc.

4. Coding club: today's technology world needs coding skills for the job market. Coding club conducts activities and competitions like coding contest for the students.

5. Math club: conducts activities and competitions such as quiz, aptitude quiz every week.

6. Yoga club: conducts weekly classes to the interested hostel students.

<http://rmkec.ac.in/cel/showeventswithimage.php?dept=sh&year=2019>

<https://www.facebook.com/rmk.scienceandhumanities.7>
