



Incubating Minds
Catalyzing Careers

K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY

An Autonomous Institution

Affiliated to Anna University Chennai, Approved by AICTE New Delhi,
ISO 9001:2015 & ISO 14001:2015 Certified Institution, Accredited with 'A+' grade by NAAC
Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.



Annual Report

K.Ramakrishnan College of Technology (KRCT), situated in the temple city of Samayapuram, Tiruchirappalli is the pioneer in technical education in Tiruchirappalli district. KRCT has 7 Under Graduate programmes, 4 Post Graduate programmes and a recognized Anna University Research Centre for 3 Ph.D programmes (ECE, Mechanical and EEE). Four of our programmes are accredited by National Board for Accreditation namely: Computer Science and Engineering, Civil Engineering, Electronics and Communication Engineering and Mechanical Engineering. Our institute has got accredited by NAAC with A+ grade with a score of 3.54. In the NIRF ranking, our institute's significant performance in the past three years has increased our score by around 4 points every year in the last 4 years. Our institute has been recognized under the 151-200 band of NIRF innovation category.

Research:

- K. Ramakrishnan College of Technology has published 926 articles in the reputed journals and has an h-index of 40 with massive 7793 citations.
- The department of ECE has received a grant of Rs. 13 lakh rupees from MODROBS, AICTE in the year 2022-23 for modernization of the VLSI Lab and funding from DST-SERB, IE(I) and E-yantra IIT-B.
- Dr. V. Vijayan, Professor of Mechanical Engineering received a research grant of Rs. 12 lakh rupees under TARE Scheme of DST-SERB this year.
- The Centre for Research and Development recently established the IPR cell in the campus with the financial support of Tamilnadu State Council for Science and Technology, Government of Tamilnadu.
- The Innovation Cell of KRCT received a grant of Rs. 2.25 lakh rupees from the Ministry of Education to mentor the nearby institutions in innovation.
- Signed MoU with the prestigious Dongkuk University, South Korea for research.

- The Department of Electronics and Communication Engineering, Department of Electrical and Electronics engineering and the Department of Mechanical Engineering have been recognized as **Research Centers under Anna University, Chennai.**

Academics:

KRCT has been recognized as the nodal centre for Centre for Development of Advanced Computing by the Ministry of Electronics and Information Technology, Government of India to offer Artificial Intelligence Courses. The faculty of KRCT are continually encouraged to participate in Faculty Development Programmes and In-house Value Added Courses. KRCT is following an inclusive style of functioning, wherein, the students are exposed to Project Based learning. As a result, several products are developed including the in-house ERP project.

Admission:

In the year 2022-23, the intake of CSE is increased to 180 and the intake of AI&DS is increased to 120. A new programme B.Tech., IT was established in the current academic year. The KRCT has a total intake of 720. We achieved 100% admission for the last three years.

Placement:

KRCT has achieved more than 90% of placement this year and the average placement stands at 88% over the past 3 years. The standard of education in KRCT under the OBE system is evidenced by the placement results.

In the year 2022-2023 totally 53 companies visited our college and totally we got 403 offers (CSE-182, ECE-102, EEE-43, MECH-63, CIVIL-13). Total number of students placed is 282 (CSE-106, ECE-76, EEE-29, MECH-58, CIVIL-13). The average salary package of our students who got placed is Rs. 3,50,000/- per annum and the highest salary package is Rs.7,00,000/- per annum. Two skill development training courses were offered for our students this year, namely: Get “Smart Interview Readiness” and “Be confident, think confident”. Totally 200 students voluntarily involved themselves in the training programme and got benefitted.

EDC:

Incubation Centre, KR Startup Incubation and Innovation Foundation (KR-SIIF) is incorporated as Section-8 Company, facilitating the budding entrepreneurs and providing the necessary facilities and guidance for the development and growth for start-ups. EDCKRCT owns

07 active start-ups; out of which **05 startups are incubated with VITTBI, TABIF, ABIRF and IIT, Madras.**

- The start-up by **Bhaarath Cane Industries** has been successfully registered as a Private Limited Company.
- The Start-up **Technospark Industries** has bagged Seed Grant of **Rs. 5 Lakhs** under **NIDHI PRAYAS Scheme** from VITTBI.
- The Start-ups namely **Technospark Industries, BREEZONE, Torque Engineering Solutions and Kahir Agro Industries** have been targeted by **IIT, Madras for incubation** and recommended the start-up idea for:
 - **BIG Scheme of BIRAC** by IIT Madras – **HTIC MedTech Incubator** for the grant **Rs.50 Lakhs.**
 - **Technospark Industries** was shortlisted for the Seed capital of **Rs. 25 Lakhs** under CEDI Incubation Programme – 2023, promoted by **National Institute of Technology-Trichy**
 - **Bhaarath Cane Industries** got shortlisted for the Ministry *Meet of Start-up Agri Incubation Programme – 9* organized by **CCS NIAM, Jaipur for the Grant of Rs. 25 Lakhs.**
 - **Bhaarath Cane Industries**, bagged seed capital of **Rs. 2 Lakhs** grant from Entrepreneurship Development Institute of India (EDII), Chennai pertaining to product development under Innovation voucher programme (IVP) Type A Grant.

NSS

KRCT has 2 active NSS units. A number of programmes have been organized by the NSS for the welfare of the students and common public. Some of the programmes organized are:

- Eye Check-up Camp in collaboration with Joseph Eye Hospital, Trichy.
- Blood Donation Camp in collaboration with SRM Medical College Hospitals and Research Centre.
- Awareness Programme on Role of Youth against Anti-Drugs.
- Health check-up camp in collaboration with Apollo Hospitals, Trichy.
- NSS volunteers rendered their service in the Temple Consecration Ceremony at Koothur village.

STUDENTS AFFAIRS

KRCT has a Students Affairs department which works for the betterment of students. The activities conducted by Students Affairs are as follows:

- Signed of a MoU with Unique MEP Pvt. Ltd., Trichy.
- Industrial visit to Propeller Technologies.
- Participation in the Internal Smart India Hackathon.
- Internal project presentations.
- Institution's Innovation Council Regional Meet.
- Alumni talks on higher studies abroad and competitive exams
- Guest lecture on job opportunities