



# ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY

## RESEARCH & DEVELOPMENT (R&D) CELL



### **R&D Introduction and Objectives:**

The Research & Development (R & D) Cell of RCET facilitates and encourages research culture among the faculty and students. Its prime role is to create contacts with the real world and promote research through a range of publications. The R&D Cell takes upon the responsibility of creating a work place to attract the best talent and strives continuously in pooling of skills and internal resources. The R&D Cell aims to reach the Vision and Mission of the college.

R&D Cell aims to nurture research culture in the college by promoting research in newly emerging and challenging frontier areas of Engineering and Technology. It encourages the students and faculty to undertake the research in newly emerging frontier areas including multidisciplinary fields. This enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competition, etc.

### **The R & D cell is pursued with the following objectives:**

1. To create awareness and opportunities in Research and Development among the faculty and students and to create Research and Development atmosphere in every department.
2. To establish the research culture among faculty and there by design and develop new technologies in their respective areas.
3. To encourage staff members and students to publish technical papers for publishing in National and reputed International Conferences/ Journals.
4. To undertake research activities and development projects offered by various agencies.
5. To assist for applying and getting funds for conducting Seminar/Workshop/FDP from various available funding agencies.
6. To facilitate the growth of research activity among the academic community.

At RCET, above initiatives are to motivate the students and the faculty/staff of the institute, to update the knowledge mapping with the emerging technology trends. This kind of effort has been put in order to adapt with the dynamic growth of science or technology. With this, everyone is encouraged to do academic or industrial research thus involving in innovation or development, and to use the knowledge for consultancy with the industries.

Research and Development cell has the additional responsibility of recommending and forwarding the requests for attending workshops/STTPs/Seminars/FDPs to the higher authorities and also the recommendation for the reimbursement of fee for presenting papers/attending conferences.

## Ph.D. Staff Details

<i>Sl. No.</i>	<i>Name</i>	<i>Dept.</i>	<i>PhD Status (Completed / Pursuing)</i>	<i>University/Institution</i>	<i>Research Area</i>	<i>Registration/Completion Year</i>
1	Dr. Devi V	EEE	Completed	NIT Tiruchirappali	Power Electronics and Control	2012
2	Dr. E Babu Raj	CSE	Completed	Anna University	Computer Science & Engineering	2009
3	Dr. Valsamma K M	CSE	Completed	CUSAT	Theoretical Non linear Dynamics	1992
4	Dr. Ram Mohan N R	CSE	Completed	M.S. University, Tirunelveli, Tamilnadu,	Computer and Information Technology	2016
5	Dr. Shanavas S	ME	Completed	Noorul Islam Centre for Higher Education	Under water Welding	2019
6	Dr. D. Zealakshmi	CE	Completed	Pondicherry University (Central University)	CE-High strength over-reinforced concrete	2019
7	Rahul T S	CE	Pursuing	Karunya Institute of Technology and Sciences	Water quality assessment using remote sensing	2017
8	Narayanan P P	ECE	Pursuing	IIT Palakkad	Electric Instrumentation	2019
9	Chinju Vijayan	CE	Pursuing (QIP)	IIT Delhi	Civil Engineering	2019
10	Vidya P	CSE	Pursuing (QIP)	PSG College of Engineering	Electric Instrumentation	2019
11	Able Alex	EEE	Pursuing (QIP)	GEC Thrissur	Power Electronics	2019
12	Pradosh Kumar P	ECE	Pursuing (QIP)	NIT Tiruchirappali	Electric Instrumentation	2019
13	Nimisha M	ASH	Pursuing	Calicut University	Statistics	2019
14	Leo A J	ME	Pursuing (QIP)	GEC Thrissur	Thermal Engineering	2020
15	Shahida K M	ASH	Pursuing	Shri. Venkateshwara University, Uttar Pradesh	Physics	2017
16	Praveen K P	EEE	Pursuing (QIP)	GEC Thrissur	Power Systems & Renewable Energy	2022
17	Raisen Joy	ME	Pursuing (QIP)	GEC Thrissur	Engineering Design	2022
18	Sandhya P S	ASH	Pursuing	Nirmala College for Women, Coimbatore Bharathiar Uty.	Graph Theory	2022

19	Elsa P J	ASH	Pursuing	Calicut University	Chemistry	2012
20	Jacob John	ASH	Pursuing	RIMT University, Punjab	General Topology	2021
21	Geno John K	ME	Pursuing (QIP)	KTU, GEC-Thrissur	Nozzle Acoustics	2022
22	R Krishnakumar	ECE	Pursuing	Karunya Institute of Science & Technology, Coimbatore	Origami Antenna Design	2022
23	Amrutha M Chemmannur	EEE	Pursuing	Karunya Institute of Science & Technology, Coimbatore	Renewable Energy	2022
24	Lemya Sainudeen	CSE	Pursuing	Karunya Institute of Technology and Sciences	Image Processing and Deep learning	2022
25	Nisha S M	CSE	Pursuing	Karunya Institute of Technology and Sciences	Machine Learning and Deep learning	2022
26	Amal Thomas	AD	Pursuing	Indian Institute of Information Technology Guwahati.	Digital VLSI Design, Deep Neural Networks, Computer Architecture	2020
27	B Rahul	AD	Pursuing	Alagappa University	Computer Science	2020
28	Dr. Favas T K	ME	Completed	National Institute of Technology, Calicut	Numerical Study of Entropy Generation in a Plate with Volumetric Energy Source	2018
29	Dr. Vijitha Mukundan	ASH	Completed	National Institute of Technology, Calicut	Mathematics	2018

### **Research Guide**

<i>Sl No.</i>	<i>Name</i>	<i>Dept.</i>	<i>Research Area</i>	<i>University</i>	<i>No. of Research Scholars</i>
1	Dr. Devi V	EEE	Power Electronics and Control	APJ Abdul Kalam Technological University (KTU)	3

**Dean (R&D):**

Dr. Shanavas S

HOD - ME