

# ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY

## RESEARCH & DEVELOPMENT (R&D) CELL

### R&D Logo:



### 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. Sreeraj R	CSE	Completed	Bharathiyar University	Image Processing	2018
3	Dr. Rasmi A	CSE	Completed	Karpagam University	Digital Image Processing	2019
4	Kiran P	EEE	Pursuing (Synopsis Submitted)	Amrita Vishwa Vidyapeetham	Power Systems	2015
5	Shanid Malayil	CSE	Pursuing	Noorul Islam University	Image Processing	2017
6	Rahul T S	CE	Pursuing	Karunya University	Water quality assessment using remote sensing	2017
7	Varghese Jency Babu	CSE	Pursuing	Noorul Islam University	Network Security	2018
8	Nowshad M U	CSE	Pursuing	Shri Venkateshwara University	Artificial Intelligence	2018
9	Narayanan P P	ECE	Pursuing	IIT Palakkad	Electric Instrumentation	2019
10	Chinju Vijayan	CE	Pursuing (QIP)	IIT Delhi	Civil Engineering	2019

11	Vidya P	ECE	Pursuing (QIP)	PSG College of Engineering	Electric Instrumentation	2019
12	Able Alex	EEE	Pursuing (QIP)	GEC Thrissur	Power Electronics	2019
13	Pradosh Kumar P	ECE	Pursuing (QIP)	NIT Tiruchirappali	Electric Instrumentation	2019
14	Leo A J	ME	Pursuing (QIP)	GEC Thrissur	Thermal Engineering	2020

### **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):**

Mr. Kiran P, M.Tech (Ph.D.)

AP/EEE, RCET