



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. P Vivekanandan	CSE	Completed	Sri Ramakrishna Engineering College, Anna Uty.	Data Mining/ Artificial Intelligence	2012
3	Dr. Rasmi A	CSE	Completed	Karpagam University	Digital Image Processing	2019
4	Dr. Kiran P	AD	Completed	Amrita Vishwa Vidyapeetham	Application of Artificial Intelligence in Power Systems	2021
5	Dr. N Muthukumaran	CE	Completed	Karunya Institute of Technology and Sciences	Effect of nanomaterials on roughness coefficient of rectangular channels and OGEE spillways	2021
6	Dr. Sivasamandy R	CE	Completed	National College; Affiliated to Bharathidasan University.	(Geology) PG & Research Department of Geology	2016
7	Dr. Aswin Kokkat	CE	Completed	Karunya Institute of Technology and Sciences	Water Resources Management	2019
8	Dr. Valsamma K M	CSE	Completed	CUSAT	Theoretical Non linear Dynamics	1992
9	Dr. Ajmal T S	ME	Completed	NIT, Karnataka	Materials and Additive Manufacturing Engineering	2021
10	Rahul T S	CE	Pursuing	Karunya Institute of Technology and Sciences	Water quality assessment using remote sensing	2017
11	Narayanan P P	ECE	Pursuing	IIT Palakkad	Electric Instrumentation	2019
12	Chinju Vijayan	CE	Pursuing (QIP)	IIT Delhi	Civil Engineering	2019
13	Vidya P	ECE	Pursuing (QIP)	PSG College of Engineering	Electric Instrumentation	2019
14	Able Alex	EEE	Pursuing (QIP)	GEC Thrissur	Power Electronics	2019
15	Pradosh Kumar P	ECE	Pursuing (QIP)	NIT Tiruchirappali	Electric Instrumentation	2019

16	Nimisha A	ASH	Pursuing	Calicut University	Statistics	2019
17	Leo A J	ME	Pursuing (QIP)	GEC Thrissur	Thermal Engineering	2020
18	Shahida K M	ASH	Pursuing	Shri. Venkateshwara University, Uttar Pradesh	Physics	2017
19	Praveen K P	EEE	Pursuing (QIP)	GEC Thrissur	Power Systems & Renewable Energy	2022
20	Raisen Joy	ME	Pursuing (QIP)	GEC Thrissur	Engineering Design	2022
21	Sandhya P S	ASH	Pursuing	Nirmala College of Engineering, Bharathiar Uty.	Graph Theory	2021
22	Elsa P J	ASH	Pursuing	Calicut University	Design Synthesis and characterization of materials at the nano scale for hydrogen generations, storage and effective energy conversion	2012
23	Jacob John	ASH	Pursuing	Regional Institute of Management & Technology, Punjab	Mathematics	2022

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. Kiran P

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