



# Rajiv Gandhi Institute of Technology Kottayam



2021-22

## INFORMATION BROCHURE

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**October 2021**



**RAJIV GANDHI INSTITUTE OF TECHNOLOGY KOTTAYAM**

**(GOVERNMENT ENGINEERING COLLEGE)**

**PAMPADY, VELLOOR P.O., KOTTAYAM- 686 501**

Ph: 0481-2507763

website: [www.rit.ac.in](http://www.rit.ac.in)

e-mail: [info@rit.ac.in](mailto:info@rit.ac.in)

## Rajiv Gandhi Institute of Technology Kottayam

### Information Brochure 2021-22

Printed and distributed by : Principal, RIT Kottayam  
Edited & compiled by : Dr. Renju Kurian, Assoc. Professor, ME  
Committee members : Prof. Shiji P V, Asst. Professor, CE  
Prof. Ramesh Krishnan S, Asst. Professor, ME  
Dr. Johnson Mathew, Assoc. Professor, EE  
Dr. Helen Mary M C, Asst. Professor, EC  
Prof. Anish Abraham, Asst. Professor, CS  
Prof. Deepa Rani R, Assoc. Professor, Arch.  
Prof. John C John, Assoc. Professor, MCA  
Dr. George Joseph, Assoc. Professor, Phy. Edn.  
Prof. Jilumol M M, Asst. Professor, Applied Science  
Mr. Biju K K, Scientific Information Officer  
Mr. Shejin I S, Workshop Instructor  
Ms. Praveena Vasudevan, Confidential Asst.  
Cover page designed by : Ar. Ann Joy, Asst. Professor, Arch.

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# 1. AN OVERVIEW

## 1.1 Brief History

Rajiv Gandhi Institute of Technology (RIT), Kottayam is one of the nine Government Engineering Colleges fully owned and run by the Government of Kerala. The college started functioning in 1991, and is named after late Prime Minister Sri. Rajiv Gandhi. The Government has started this institution with the view of making it a centre of excellence for under-graduate, post-graduate and research studies in engineering.

The college at its days of infancy was functioning at Technical High School, Velloor and PTM High School, Velloor. Within few years, the college was shifted to the present sprawling campus. Over the years, it has developed a vast infrastructure, and has shown a steady growth. The B.Tech programmes have been accredited by National Board of Accreditation (NBA) in 2007, 2016 and 2019. Since 2012, the Institute is being funded under Technical Education Quality Improvement Programme (TEQIP), implemented as a World Bank assisted project to improve the quality of technical education system in the country.

It is worth mentioning the following milestones in the history of RIT:

- 1991 Commencement of B.Tech in Civil, Mechanical, Electrical and Electronics, Electronics and Communication Engg.
- 1998 Shifted to the present campus
- 1999 Commencement of B.Tech in Computer Science and Engg.
- 2001 Commencement of Master of Computer Applications (MCA)
- 2005 Commencement of M.Tech in Industrial Engg. and Management, and M.Tech in Industrial Drives and Control
- 2007 Four B.Tech programmes accredited by NBA
- 2011 Commencement of B.Arch programme
- 2011 Commencement of M.Tech in Advanced Communication and Information Systems, M.Tech in Advanced Electronics and Communication, and M.Tech in Transportation Engg.
- 2012 Commencement of TEQIP scheme
- 2013 Starting of QIP centre for Ph.D programmes in Civil Engg., Electrical and Electronics Engg.
- 2014 Commencement of M.Tech in Computer Science and Engg.
- 2015 Commencement of Silver Jubilee Celebrations
- 2016 All B.Tech programmes accredited by NBA
- 2016 Closure of Silver Jubilee Celebrations
- 2019 Extension of accreditation for all B.Tech programmes by NBA for 3 years
- 2020 Commencement of M.Tech in Engg. Design, and M.Tech in Power System and Renewable Energy

## 1.2 Location and how to reach

The campus, nesting amidst the scenic beauty of central Kerala, is situated at Nedumkuzhy, about 14 km from Kottayam town on the side of NH 183 (Kottayam-Kumily Road).

**By Road:** Kottayam is well connected by road to all parts of the country by National

High ways and State Highways. Bus services to Kottayam town are available from almost all major cities in Kerala, Tamil Nadu and Karnataka.

**By Rail:** Kottayam is a major railway destination with trains running to all parts of the country. College is located 13 km from Kottayam railway station.

**By Air:** The nearest airport is at Nedumbassery, Kochi, which is 89 km from Kottayam town. It is an international airport connected by major aircraft operators.

**Within Kottayam:** The college can be reached from Kottayam town and Kottayam railway station by taking a bus to Pampady (via K.K.Road), Ponkunnam, Mundakkayam, Kattappana or Kumily, and disembarking at Nedumkuzhi bus stop. The college is about 500m from the bus stop. Autorickshaws are available from Nedumkuzhy bus stop. Private and KSRTC bus services are available to RIT from other towns also, within the district.

### 1.3 Campus

The campus extends over 77 acres of rubber plantation. The magnificent buildings of the college itself serve as a source of inspiration for a student. Displaying a perfect blend of aesthetic values and functional designs, the buildings stand for their architectural excellence. The buildings have been designed to suit the steep contoured site with lesser disturbance to the environment. In addition to the administrative block and library block, separate self-contained blocks are provided for each department.

### 1.4 Vision and Mission of the Institute

#### Vision

Be a centre of technological excellence for the betterment of society.

#### Mission

To impart professional education to students from all sectors of the society to mould them to be competent, committed, research oriented and socially responsible citizens capable of deploying technology for the goodwill of society.

### 1.5 Important Contact Details

College Office	0481-2507763
College e-mail address	info@rit.ac.in
Principal's Office	0481-2506153
Principal's e-mail address	principal@rit.ac.in
Career Guidance & Placement Cell (CGPC)	9446397919
Centre for Continuing Education	9495496458
TEQIP Office	9846807104
Institute website	www.rit.ac.in

## 2. ACADEMIC PROGRAMMES

The Institute currently offers 6 undergraduate and 9 post graduate programmes. All programmes from 2015 admission batch onwards are affiliated to APJ Abdul Kalam Technological University (KTU). All programmes are approved by All India Council for Technical Education (AICTE). The Institute offers the following undergraduate and postgraduate programmes.

### 2.1 Undergraduate Programmes

Programme	Department/Branch	Intake
B. Tech	Civil Engineering	60*
	Mechanical Engineering	60*
	Electrical & Electronics Engineering	60*
	Electronics & Communication Engineering	60*
	Computer Science & Engineering	60*
B. Arch	Architecture	40

\* 5% extra as per fee waiver scheme of AICTE, 10% extra under EWS scheme and 10% extra (from second year onwards) as per lateral entry scheme

The B. Tech programmes are of 8 semesters (4 years) duration. The first and second semester courses are common for all B.Tech programmes. B. Arch programme is of 10 semesters (5 years) duration.

### 2.2 Postgraduate Programmes

Programme	Department	Specialisation	Intake
M. Tech	Civil Engineering	Transportation Engineering	18
	Mechanical Engineering	Industrial Engineering & Management	18
		Engineering Design	9
	Electrical & Electronics Engineering	Industrial Drives & Control	18
		Power System & Renewable Energy	9
	Electronics & Communication Engineering	Advanced Communication & Information Systems	18
		Advanced Electronics & Communication	18
	Computer Science & Engineering	Computer Science & Engineering	18
M.C.A.	Computer Applications	Computer Applications	60

All the P. G. programmes are of 4 semesters (2 years) duration.

### 2.3 Ph.D Programmes

All the five Engg. departments are offering Ph.D programmes. The Civil Engg. and Electrical & Electronics Engg. departments are approved QIP (Quality Improvement Programme) centres since 2012. Full time research scholars are being admitted under different schemes like NDF (National Doctoral Fellowship), currently known as AICTE Doctoral Fellowship, QIP, and also directly by University (KTU). The students admitted through University are eligible for scholarships sponsored by

Dept. of Higher Education, and Centre for Engg. Research and Development (CERD). Faculty members of KTU affiliated colleges have the option to register as part time research scholars.

The number of research scholars and number of registered supervisors are given in the following table.

<b>Programmes</b>	<b>No. of scholars</b>	<b>No. of registered supervisors</b>
Civil Engineering	13	5
Electronics & Communication Engineering	17	4
Electrical & Electronics Engineering	14	4
Mechanical Engineering	4	6
Computer Science & Engineering	3	3

## 2.4 Admission

The students for the B. Tech programmes are admitted based on the rank list prepared based on two scores, namely the score obtained in the entrance examination conducted by the Commissioner for Entrance Examinations (CEE), Government of Kerala ([www.cee-kerala.org](http://www.cee-kerala.org)) and the marks scored in the qualifying board examination. The annual sanctioned intake of each B.Tech programme is 60. Additionally 3 students are admitted under fee waiver scheme of AICTE, and 6 students under EWS category during the first year. Above that, 6 students are admitted in the third semester through lateral entry scheme. B. Arch students are admitted based on two scores, namely the score obtained in NATA and the marks scored in the qualifying board examination. Admission to M. Tech programmes is done through centralised allotment process by the Director of Technical Education, Government of Kerala based on a valid GATE score ([www.dtekerala.gov.in](http://www.dtekerala.gov.in)). Admission to MCA is carried out based on a state wide entrance examination conducted by LBS Centre for Science and Technology.

## 2.5 Fee Structure

### 2.5.1 B.Tech and B.Arch Fee Details

<b>Sl. No.</b>	<b>Category</b>	<b>Amount (Rs.)</b>
1	Admission fee	240
2	Tuition fee	6300 per year
3	Special fee	2110 per year
4	Caution deposit	1000
5	Student administration fee	1000
6	University affiliation fee	750
7	Exam fee	1700 per semester
8	KTU Arts & sports fee	500
9	Bus fee	2250 per year
10	College development fund	1000
11	Placement cell	1000
12	Co-operative society	30

### 2.5.2 M.Tech Fee Details

<b>M. Tech First Year Fee Details</b>		
<b>Sl. No.</b>	<b>Category</b>	<b>Amount (Rs.)</b>
1	Admission fee	240
2	Tuition fee	12600
3	Special fee	3690
4	Caution deposit	1500
5	Student administration fee	1000
6	University affiliation fee	1000
7	Exam fee	3000
8	KTU Arts & sports fee	500
9	Bus fee	2250
<b>M. Tech Second Year Fee Details</b>		
1	Tuition fee	12600
2	Special fee	3690
3	Exam fee	2900
4	Bus fee	2250

### 2.5.3 M.C.A. Fee Details

<b>M.C.A. First Year Fee Details</b>		
<b>Sl. No.</b>	<b>Category</b>	<b>Amount (Rs.)</b>
1	Admission fee	630
2	Tuition fee	7360
3	Special fee	2330
4	Caution deposit	1000
5	Student administration fee	1000
6	University affiliation fee	1000
7	Exam fee	3000
8	KTU Arts & sports fee	500
9	Bus fee	2250
<b>M.C.A. Second Year Fee Details</b>		
1	Tuition fee	7360
2	Special fee	2330
3	Exam fee	3000
4	Bus fee	2250

### 2.5.4 Ph.D Fee Details

<b>Sl. No.</b>	<b>Category</b>	<b>Amount (Rs.)</b>
1	Admission fee	240
2	Tuition fee	5250 per semester
3	Special fee	3690 per year
4	Caution deposit	1500
5	Administration fee	7000 per semester
6	University affiliation fee	1500
7	KTU Arts & sports fee	500
8	Bus fee	2250

## **2.6 Staff Mentoring System**

A staff advisory system has been adopted for mentoring the students. Two staff members will be in charge of one class/group. The group advisor keeps the records of all academic and extracurricular activities of the students. All matters academic and others pertaining to the students should be timely routed through the staff advisor for the attention of the authorities. Applications for leave, scholarships, certificates etc. are to be forwarded through the advisor. Parents can get details about their ward from the staff advisors, and parents are advised to contact the advisor before meeting the Principal/Head of the Department for any purpose.

## **2.7 General Discipline**

The college functions on 5 days a week with 6 working hours per day. Class timing is from 9 am to 4 pm. Students are expected to be in the classroom 5 minutes before the commencement of the class, and leave only when the class is over. Attendance will be taken on hourly basis. Students are warned against loitering in the campus during working hours. Making noise inside the class and disturbing other classes will be viewed seriously. All students should wear the identity card within the campus and shall produce the same whenever asked for.

## **2.8 Uniform**

Uniform is compulsory for workshop and some laboratory classes.

- Workshop - Navy blue pants and shirt, shoes
- Machine labs and Material testing labs - Pants, shirt, and shoes of any colour

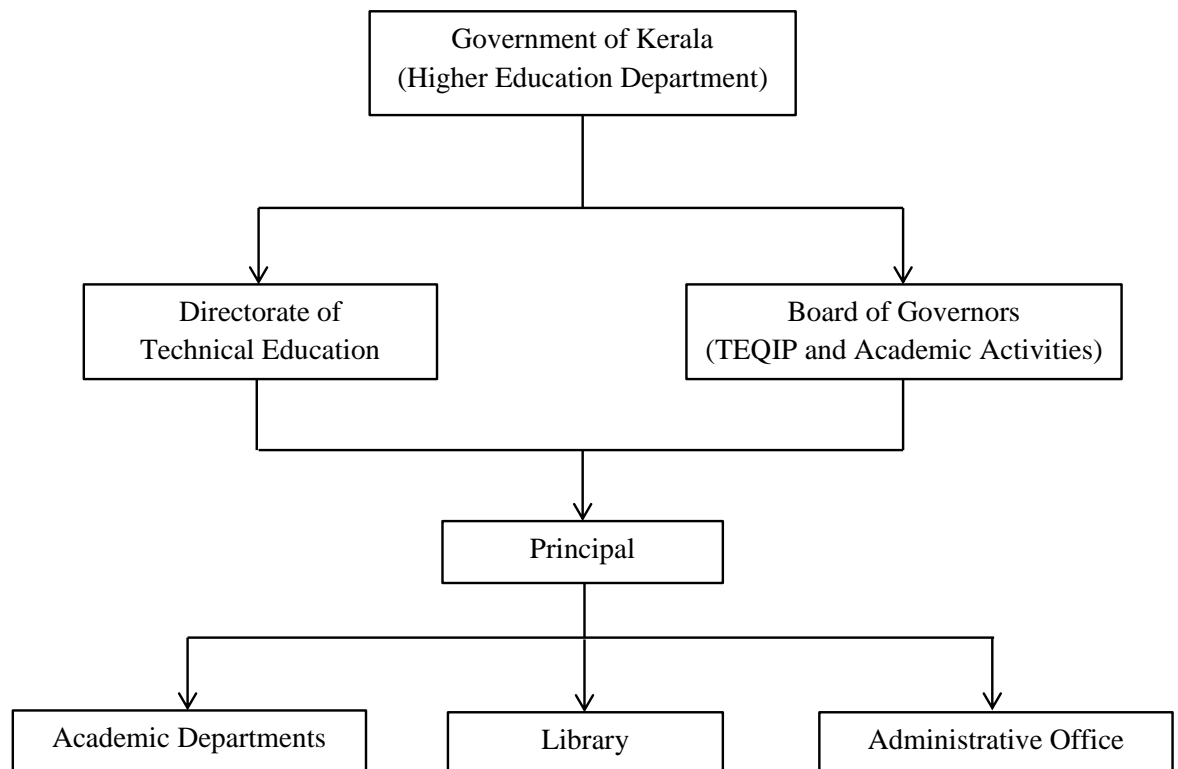
## **2.9 Warning against ragging and use of mobile phones**

Ragging in any form is an uncivilized act and hence is strictly prohibited in the campus, in the hostel room or in the premises. Students are warned against the following consequences of ragging:

1. As ragging is a non-bailable criminal offense under Kerala Police Act, Police can arrest the offender and put him in prison. In such cases, Police can act without the consent of college authorities.
2. College authorities are bound to report ragging incidents (if any) to the local police.

Use of mobile phones is strictly banned in the campus. Carrying mobile phones to the examination halls are strictly prohibited and is a punishable offense even if it is switched off. Use of wrist watches in the examination halls are also prohibited.

### 3. ORGANISATIONAL CHART



## **4. DEPARTMENTS**

### **4.1 Civil Engineering**

The Department of Civil Engineering has been functioning since the inception of Rajiv Gandhi Institute of Technology, Kottayam in the year 1991 and has come a long way in terms of infrastructure and the quality of teaching-learning process. The Department offers B.Tech. degree programme in Civil Engineering, M.Tech. degree programme in Transportation Engineering and Ph.D programme under APJ Abdul Kalam Technological University. AICTE has recognized the Department as an approved research centre for Ph.D. programmes under the QIP and NDF schemes. The undergraduate programme was accredited for five years in 2007, for three years in 2016 and for a further three years in 2019 by National Board of Accreditation. The Department is well endowed with many state of the art laboratories as well as experienced faculty who are specialized in all the major disciplines of Civil Engineering. The laboratory facilities in the department are well equipped to undertake research work, especially in Concrete Technology, Environmental Engineering and Transportation Engineering streams. All the laboratories are being upgraded and augmented regularly, keeping pace with the technological advancements in the field of Civil Engineering. The Department offers engineering consultancy services to various organizations including government agencies and public sector enterprises. In addition, faculty members are undertaking sponsored research activities related to their fields of expertise.

#### **4.1.1 Vision and Mission of the Department**

##### **Vision**

To be a centre of high quality academic programmes, consultancy, extension services in Civil Engineering.

##### **Mission**

To develop and deliver undergraduate, postgraduate and research programmes capable of evolving various sustainable habitat and infrastructural solutions through better pedagogic practices, better facilities and constant knowledge upgradations to staff.

#### **4.1.2 Facilities**

The Department functions in its own Civil Engineering Block near the Central Library and the Administrative Block. The laboratories in the Department include:

- Strength of Material Lab
- Material Testing Lab (Concrete Lab)
- Survey Lab
- Geotechnical Engineering Lab
- Transportation Engineering Lab
- Environmental Engineering Lab
- Pavement Engineering Lab
- Traffic Engineering Lab
- Concrete Durability Testing Lab
- Computer Aided Design and Drafting Lab

The Concrete Durability Testing Laboratory is a unique durability testing facility established in RIT with the support of plan fund of Government of Kerala and research projects sanctioned by various agencies such as CERD, TEQIP, TRC, KSCSTE etc.



This is the first laboratory in Kerala equipped with the modern facilities to test the durability properties of concrete.

Pavement Engineering laboratory is also a research oriented facility, well equipped with state of-the-art equipments like Dynamic shear rheometer, Gyratory compactor, Bitumen blending oven, Brookfield viscometer, Rolling thin film oven, Corelok, Roughometer, Portable skid resistant tester, Falling weight deflectometer etc.

Students are provided training in all disciplines of Civil Engineering using modern equipments such as, in addition to the above, Microprocessor Controlled Universal Testing Machine, UV Spectrophotometer, Total Stations, Digital Theodolites, Automatic Levels, Ultrasound Concrete Flaw Detector, Digital Marshall Apparatus, Triaxial Testing Machines, Ultrasonic Pulse Velocity Tester, Cover meter, Digital Rebound Hammer etc.

The Department has a well-equipped Computer centre with sufficient number of PCs on LAN having latest software such as AutoCAD, STAAD Pro, Primavera, MS Project etc. for drafting, designing, analysis and project planning. Statistical software package SYSTAT, Traffic and transportation engineering software like VISSIM, VISUM, CUBE, MxRoad, TRACER and Transyt and advanced equipments like Infrared Traffic Logger (TIRTL) are also available.

The department has internal library facility with access to Pearson and IET digital libraries and has having more than two thousand books. It has subscription towards seven printed journals, thirty six ASCE e-journals and 275 Science Direct e-journals.

#### **4.1.3 Activities**

Activities of our Department are guided by our vision of becoming a centre of high-quality academic programmes, consultancy and extension services in Civil Engineering. Quality of education is ensured through a rigorous Internal Quality Assurance mechanism. It is our mission to groom competent graduates capable of meeting the technological challenges and offering sustainable solutions.

Visiting faculty programme/ expert lectures are regularly organized to widen our vistas of knowledge. The Civil Engineering Association, a vibrant body organizes various technical events to augment the curriculum. Our students are actively involved in the activities of other student bodies like Nature Club, Bodhi (Quiz Club), ISTE, NSS, Women's Cell etc. Academic support to weak students is provided in the form of remedial classes.

The Department offers consultancy and testing services in various fields of Structural Engineering, Transportation Engineering, Geotechnical Engineering and Environmental Engineering and supervises the construction and developmental works in the campus. The Centre for Continuing Education of the college is managed by the faculty of Civil Engineering. MoUs of the Department with industries and government organizations facilitate continued consultancy services as well as interaction with field practitioners.

The major works in which the Department is associated include Third party quality control works of CPWD, Rebuild Kerala Mission of LSGD, Pollution abatement of Manimala river (for Irrigation Department), Structural stability evaluation of school buildings (For LSGD), Non destructive evaluation of strength and quality of concrete, Concrete mix design (for all government departments and private organisations), Sub

Soil investigation, Bituminous mix design, Structural design and scrutiny etc.

#### 4.1.4 Sponsored Projects

<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Amount (Rs.)</b>	<b>Status</b>
Investigation of stability and safety of heavy vehicles on two lane rural highways	Transportation Research Centre, Govt. of Kerala	12,65,000	Ongoing
Development of recycled aggregate concrete for the construction of various road elements	Transportation Research Centre, Govt. of Kerala	19,14,000	Completed
Evaluation of Sacrificial anode cathodic protection systems for reinforced concrete applications	Radhe Structorepair Pvt. Ltd. C/o Vector Corrosion Technologies, Canada	9,16,000	Ongoing
Study on the performance of sacrificial anode protection systems for concrete structures with coated reinforcing steel	AICTE (Applied)	22,98,000	Applied
Study of Vehicular Emissions under varying Road and traffic Conditions	Transportation Research Centre, Govt. of Kerala	11,00,000	Completed
Adsorption of fluoride from water using locally available adsorbent	Centre for Engg. Research and Development (CERD)	2,00,000	Completed
Emission Inventory of Poovanthuruthu Mini Industrial Estate	TEQIP RIT Kottayam	1,60,000	Ongoing
Influence of stabilizer on soil curling phenomena	CERD	1,55,000	Ongoing
Modified Resilient Modulus of Lateritic Sub grade Soil Incorporating Seasonal Moisture Content Variations	TEQIP RIT Kottayam	2,00,000	Ongoing

#### 4.1.5 Department Advisory Board

<b>Name</b>	<b>Affiliation</b>
Dr. Tom V Mathew	Professor, IIT Palakkad
Dr. Radhakrishna Pillai	Professor, IIT Madras
Dr. Bino I Koshy	Professor, Amal Jyothi College of Engg., Kanjirappally
Dr. Samson Mathew	Director, NAATPAC, Thiruvananthapuram
Ms. Deepa S Koomullil	Asst. Executive Engineer, IWR Sub-Division, Palakkad
Mr. Ginish Kumar G	CEO & Director of Floreat Building Systems Pvt. Ltd., Kozhikode (Alumni)

Mr. Ajith Kumar S	Kondetharayi House, Velliyara P.O, Pathanamthitta (Parent)
Mr. Sunil Issac	Team Leader in Charge, Egis India Consulting Engineers Pvt. Ltd, Thiruvananthapuram (Parent)
Dr. Reena Murali	Professor in CSE, RIT, Kottayam
Dr. Ajitha T	Professor & Head, Dept.of Civil Engg., RIT, Kottayam
Prof. Abdul Raoof A	Assoc. Professor in Civil Engg., RIT, Kottayam
Prof. Geeva George	Asst. Professor in Civil Engg., RIT, Kottayam
Dr. Vinish V Nair	Professor in Civil Engg., RIT, Kottayam
Prof. Jomy Thomas	Asst. Professor in Civil Engg., RIT, Kottayam
Dr. Dhanya B S	Assoc. Professor in Civil Engg., RIT, Kottayam

#### 4.1.6 Faculty

Name	Designation	Contact No.	E-mail address
Prof. Abdul Raoof A	Associate Professor	8075752580	abdulraoof@rit.ac.in
Dr. Ajitha T	Professor & Head	7293731212	ajithat@rit.ac.in hod.ce@rit.ac.in
Prof. Sreelatha T	Associate Professor	9446122686	sreelatha@rit.ac.in
Prof. Geeva George	Assistant Professor	9746067800	geevageorge@rit.ac.in
Dr. Vinish V Nair	Professor	9495496458	vinish@rit.ac.in
Prof. Jomy Thomas	Assistant Professor	9446064474	jomy@rit.ac.in
Dr. Bindhu B K	Professor	9447984350	bindhu@rit.ac.in
Dr. Dhanya B S	Associate Professor	9940102991	dhanya_vinod@rit.ac.in
Dr. Mini Koshy	Professor	9446912019	mini.koshy@rit.ac.in
Prof. Shiji P V	Assistant Professor	9446158707	shijipv@rit.ac.in
Prof. Rejoice Aleyamma Abraham		9633023442	rejoiceabraham@rit.ac.in
Prof. Sneha S		9496464818	snehasn88@rit.ac.in
Prof. Vani Prasad		9400768285	vaniprasad@rit.ac.in
Prof. Nadheera Haneef O		9447746950	nadheerahaneef@rit.ac.in
Prof. Shikha Ravi		9746992223	shikharavi@rit.ac.in
Prof. Justin Joseph		9809552026	justin.jj1994@rit.ac.in
Prof. Haritha M	Assistant Professor (Adhoc)	8606599506	harithaoct19@rit.ac.in
Prof. Sona Rachel Thomas		9962246285	sonathomas@rit.ac.in
Prof. Sumi S		8547214206	sumis@rit.ac.in

#### 4.1.7 Technical staff

Name	Designation	Contact No.	E-mail address
Mr. Anil Kumar T T	Workshop Instructor	8129266013	aniltkumart@gmail.com

Mr. Abdul Salam P K	Trade Instructor	9526754998	pkabdulsalam222@gmail.com
Mr. Ajikumar V T		9645833895	valliyilajikumar@gmail.com
Mr. Thomas Cherian		9447526992	shajimuthiyackal@gmail.com
Mr. Joshy Joseph		9495443624	joshyjosep@gmail.com

## 4.2 Mechanical Engineering

The Department of Mechanical Engineering has recorded a consistent growth over the years since its establishment in 1991 and has all infrastructure and human resources to enable students to achieve professional excellence. The laboratories are well equipped to help students to carry out project works on the latest developments in the field. The department offers B.Tech and M.Tech programmes. The M.Tech programme in Industrial Engineering & Management was started in 2005 with a sanctioned intake of 18 students. The M.Tech programme in Engineering Design started in 2020 has a sanctioned intake of 9 students. The B.Tech programme has been accredited in 2007, 2016 and 2019 by National Board of Accreditation (NBA).

### 4.2.1 Vision and Mission of the Department

#### Vision

To satisfy the regional, national and international need for technical excellence in the field of Mechanical Engineering to serve the industry and society.

#### Mission

To deliver professional competence by:

- Moulding competent mechanical engineers with expertise, endurance and empathy to cater the global need and equip them to pursue higher studies.
- Enable outreach programmes through continuing education.
- Effective industry institute interaction for synergistic co- existence through sustained Research and Development

### 4.2.2 Facilities

A full-fledged computer centre with independent workstations and LAN, supporting more than 20 nodes with latest software like CATIA V5, 3D Experience, ANSYS, Hyperworks, MVTA (Multimedia Video Task Analysis software) etc., The department has an independent reference library having more than 1000 volumes. The library is managed through a digital library management system developed by former M.Tech students of the department. The labs and workshops are equipped with latest software and modern machines like Rapid Prototyping Machine and CNC machines. The department has the following well-equipped spacious laboratories:

- Heat Engines Lab
- Heat Transfer Lab
- CAD/CAM Lab
- Fluid Mechanics Lab
- Hydraulic Machines Lab
- Measurements Lab
- Industrial Engineering Lab & Software Lab
- Ergonomics Lab

Mechanical Workshop consists of:

- Machine shop
- Welding shop
- Foundry section
- Sheet metal section
- Carpentry section
- Fitting section
- Smithy section

#### 4.2.3 Sponsored Projects

Name of the project	Funding Agency	Amount (Rs.)	Status
Simple and inexpensive method for determining thermal conductivity of insulators at moderate temperature.	TEQIP RIT Kottayam	2,00,000	Ongoing
Energy harvesting using Piezo electric patches from vibrational energy	TEQIP RIT Kottayam	2,00,000	Ongoing
FIST funded Ergonomics and Electrical Labs	DST (GoI)	56,50,000	Completed
Development of Force Measurement glove	CERD	43,000	Completed
Ergonomic Human Performance Measures during manual material handling	TEQIP RIT Kottayam	1,90,000	Completed
Design, fabrication and thermal analysis of a hybrid solar dryer for drying agricultural products	CERD	38,400	Completed

#### 4.2.4 Department Advisory Board

Name	Affiliation
Dr. A Ramesh	Professor & Head, Dept. of Mech. Engg.
Dr. M A Joseph	Professor in ME, NIT Calicut
Dr. R Sasikumar	Director, CAPE
Mr. Riaz Ahammed	NHANZ Systems Pvt Ltd., Bengaluru
Mr. Aneesh Abraham	Engineer, MRF Ltd. (Alumni)
Mr. Abhilash Narayan	Scientist, LPSC-ISRO (Alumni)
Prof. Dileep Kumar P G	Head, Dept. of Geology, Government College, Kottayam
Dr. Nikhil S Pillai	Sr.Scientist, Sanofi, USA (Alumni)
Dr. Ciby Thomas	Professor in ME, RIT Kottayam
Dr. Abhilash T Vijayan	Assoc. Professor in EE, RIT Kottayam
Dr. Rajkumar M R	Professor in ME, RIT Kottayam
Dr. R Rajesh	Professor in ME, RIT Kottayam
Prof. Sajumon K T	Assoc. Professor in ME, RIT Kottayam
Mr. Rajendran V	ISRO Engineer (Retd.)

#### 4.2.5 Faculty

Name	Designation	Contact No.	E-mail address
Dr. A Ramesh	Professor & Head	9447422303	rameshgec@rit.ac.in hod.me@rit.ac.in
Dr. Ciby Thomas	Professor & Dean(PG)	9446382576	ciby@rit.ac.in, deanpg@rit.ac.in
Dr. Raghunathan Rajesh	Professor	9446073919	rajesh@rit.ac.in
Prof. Anilkumar K N	Associate	9447035191	anilkumar@rit.ac.in
Prof. Sajumon K T	Professor	9446022797	sajumon@rit.ac.in
Dr. Rajkumar M R	Professor	9947767470	rajkumarmr@rit.ac.in
Prof. Antony J K	Associate Professor	9446332031	antony@rit.ac.in
Dr. Jinesh N	Assistant Professor	9447709636	jinesh@rit.ac.in
Prof. Manojkumar M	Associate Professor	9495243356	manojkumarm@rit.ac.in
Dr. Renju Kurian		9995453612	renju.kurian@rit.ac.in
Prof. Madhukumar T K	Assistant Professor	9947768506	madhukumartk@rit.ac.in
Prof. Swapnesh S		9446217873	swapnesh.s@rit.ac.in
Prof. Ramesh Krishnan S		9495213547	rameshkrishnans@rit.ac.in
Prof. Sabu K T	Asst. Prof. (under QIP deputation)	9846096495	sabukt@rit.ac.in
Prof. Nanda Kishore P V R		7034884655	nandakishore@rit.ac.in
Prof. Kiran Kumar M	Assistant Professor	9947518247	kiran8247@rit.ac.in
Prof. Sidharthan S		9995988986	sidharthan@rit.ac.in
Prof. Chery A Menamparampan		9846566483	cheryalex@rit.ac.in
Prof. Vishnu R		9447047109	vishnujbr@rit.ac.in
Prof. Adarsh Ramachandran	Asst. Prof. (Adhoc)	9496321207	adarshram@rit.ac.in

#### 4.2.6 Technical staff

Name	Designation	Contact No.	E-mail address
Mr. Mufeed V E	First Grade Instructor	9633566068	mufeedve@rit.ac.in
Mr. Mahesh V Kumar	First Grade Instructor	9048955118	maheshkammath@rit.ac.in
Mr. Suresh Kumar N	Workshop Instructor	9447018053	lakkisura8@gmail.com
Mr. Gireesh Karma K G		9995818518	gkarma007@yahoo.in
Mr. Shejin I S		9947376666	Shejinkpy@gmail.com
Mr. Shajimon K G	Trade Instructor	9400875747	kgshajimonambady@gmail.com
Mr. Udayakumar S		9895466864	udayakumar1709@gmail.com

Mr. Simon K J	Trade Instructor	9446974348	kjsimon.kj@gmail.com
Ms. Lekha T		7025577425	lekhakochuveli@gmail.com
Mr. Baiju L		9497731872	lbaijusankar36@gmail.com
Mr. Thomas P		9446088007	pthomasths@gmail.com
Mr. Sudheesh K G		9495358950	sudhi1079@gmail.com
Mr. Aji S		9605752508	ajianjaliyil@gmail.com
Mr. Shinoj T V		7012910114	tvshinoj44@gmail.com
Mr. Vijayakumar C		9496201174	cvijayakumarcet@gmail.com
Mr. Lalson K C	Tradesman	9895725966	lalsnkandathiparambil@gmail.com
Mr. Sojan Antony		9946165552	sojan5552@gmail.com
Mr. Harish P R		9961616484	harishndr@gmail.com
Mr. Girish Gopal		9495158632	girish.gopal4@gmail.com
Mr. Ajith T R		9809807547	ajithrenjithb@gmail.com

### 4.3 Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering has been functioning since the commencement of Rajiv Gandhi Institute of Technology, Kottayam in the year 1991 and has come a long way in terms of infrastructure and the quality of teaching-learning process. The Department offers B.Tech. degree programme in Electrical Engineering, M.Tech. degree programmes- Industrial Drives and Control, Power Systems and Renewable Energy under APJ Abdul Kalam Technological University. The undergraduate programme was accredited in 2016 and extended for a further three years in 2019 by National Board of Accreditation. Department also offers Ph. D. programmes in the areas of Power Electronics, Power Systems giving emphasis to renewable energy and e-mobility. AICTE has recognized the Department as an approved research centre for Ph.D. programmes under QIP and NDF/ ADF schemes.

The Department is well equipped with many state of the art laboratories as well as experienced faculty who are specialized in all the major disciplines of Electrical Engineering. The laboratory facilities in the department are well fortified to undertake research work, especially in Renewable Energy , Power Systems, Power Electronics and Industrial drives areas. All the laboratories are being upgraded and augmented regularly, keeping pace with the technological advancements. The Department offers engineering consultancy services to various organizations including government agencies and public sector enterprises. In addition, faculty members are undertaking sponsored research activities related to their fields of expertise.

#### 4.3.1 Vision and Mission of the Department

##### Vision

To be a centre of technological excellence in Electrical and Electronics Engineering for the betterment of society.

##### Mission

- To bestow high quality education through excellence in its faculty and facilities.

- To transform young minds into competent and full fledged professionals.
- To nurture ethical values and invoke a passion to serve the society.

#### 4.3.2 Facilities

The Department functions in a separate block with ample research facilities and have a separate research wing with sophisticated state of the art advanced research equipment. The research facilities are augmented with various laboratories. The laboratories including:

- Power System and Renewable Energy Lab
- NaMPET sponsored Industrial Drives Lab
- Advanced Electrical machines laboratory
- Special Electrical Machines and Drives research facility
- Advanced Power Electronics Lab
- Digital Electronics Lab
- Automation and Control Lab
- Micro Processor and Embedded System Lab
- Smart Measurements Lab
- UPS Testing Facility.

#### 4.3.3 Research Laboratory Facilities

Modern lab equipment is available at the research lab for the development and testing of various projects. Research scholars utilize the facilities to conduct research activities that contribute to the state-of-the-art scientific output. The major equipments include:

- Typhoon HIL402
- Ecosense Solar PV Grid Tied Training System
- E-Mobility Research facility
- FPGA based and real-time controller
- LabVIEW software and compact RIO real-time controller
- Solar Array Simulator
- Ecosense Wind Energy Training System/ DFIG based Wind Energy Conversion Analyser (EcoWETS 2.0)

#### 4.3.4 Sponsored Projects

Name of the project	Funding Agency	Amount (Rs.)	Status
Modernaization of Power System and Renewable Energy Lab	AICTE (MODROBS)	19,00,000	Ongoing
Virtual Inertia support to enhance the Frequency Stability of Renewable Energy Integrated Power System	Cenre for Engg. Research and Development (CERD)	3,00,000 per year	Ongoing
Performance analysis of doubly fed induction generator based wind energy conversion system with enhanced low voltage ride-through capability	CERD	3,00,000 per year	Ongoing



Application of Machine Learning Techniques for Power System Faults and Stability Studies	Higher Education Dept. Govt. of Kerala	2,50,000 per year	Ongoing
Nano Dielectrics	Higher Education Dept. Govt. of Kerala	2,50,000 per year	Ongoing
Ultracapacitor based Range extender for Electric Vehicles	CERD	1,85,000	Ongoing

#### 4.3.5 Department Advisory Board

Name	Affiliation
Dr. Paul K Joseph	Professor, NIT Calicut
Mr. Shreeharishkumar Nair	Power Grid Corporation of India Ltd.
Mr. Sajeew M	NTPC Kayamkulam
Mr. Aby Joseph	Scientist F, CDAC Thiruvananthapuram
Dr. Arun Rahul S	Asst. Professor, IIT Palakkad (Expert for M.Tech)

#### 4.3.6 Faculty

Name	Designation	Contact No.	E-mail address
Dr. Manju B	Associate Professor	9037103918	manjub@rit.ac.in
Dr. Johnson Mathew	Associate Professor & Head	7025424119	johnson@rit.ac.in hod.eee@rit.ac.in
Dr. Aryanandini B	Professor	8281828778	nandiny.arya@rit.ac.in
Dr. Vincent G	Professor	9495508617	vincent@rit.ac.in
Dr. Prince A	Professor	9544393773	prince@rit.ac.in
Dr. Shanifa Beevi S	Associate Professor	9447858274	shanifa@rit.ac.in
Dr. Dolly Mary A	Professor	9447450333	dollymary@rit.ac.in
Prof. Beena N	Associate Professor	9645728677	beena.nok@gmail.com
Dr. Binojkumar A C	Professor	9446127073	binojkumar@rit.ac.in
Dr. Sunil Kumar P R	Professor	9447806446	sunil_thodupuzha@rit.ac.in
Dr. Abhilash T Vijayan	Associate Professor	9447007895	abhilash@rit.ac.in
Prof. Sreelekha V	Assistant Professor	9497583769	sreelekhav@rit.ac.in
Prof. Peter K Abhraham		9446983176	peterk@rit.ac.in
Prof. Preetha Philip		9447780225	preethaphilip@rit.ac.in
Dr. Jose Titus		9962670856	jose Titus@rit.ac.in
Prof. Ansu Thomas	Asst. Prof.	9496540242	ansuthomas@rit.ac.in
Prof. Raji Reghunathan	(Ad-hoc)	9747496193	raji87@rit.ac.in

#### 4.3.7 Technical staff

Name	Designation	Contact No.	E-mail address
Mr. P N Jayasankar	Workshop Instructor	9595758065	pnjayasankar@gmail.com
Mr. Suresh Babu	Trade Instructor	9745955657	sureshchellimattam@gmail.com
Mr. Thomas Abhraham		9446857446	thomasabhrahamtkm@gmail.com
Ms. Vijimol C G		9562797624	vijimolsanthosh1984@gmail.com
Mr. Aniesh Mathew		9400616144	itsanishmathew@gmail.com
Mr. Radhakrishnan P		9446192776	radhakrishnanmrp@gmail.com
Mr. Niyas T M		9656562021	niyassakarjeevanam@gmail.com
Mr. Bineesh R		9847243210	bineeshathul@gmail.com
Mr. Jomon John	Tradesman	9656414885	thekkemuryjohn@gmail.com
Mr. Balachandran C L		9747703035	balachandranmanimala@gmail.com
Ms. Bindu P		9745446753	bindugourihari@gmail.com
Mr. Sreejith N		9961172402	ambilysjith@gmail.com

#### 4.4 Electronics and Communication Engineering

Electronics and Communication Engineering department is housed in an independent spacious three-storied building. The Department offers B.Tech in Electronics and Communication Engineering. Advanced Communication and Information Systems and Advanced Electronics and Communication Engineering are the two PG programmes offered by the department. Department is an approved research centre for Ph.D programme.

The B.Tech programme has been accredited in 2007, 2016 and currently the accreditation is extended to 2022. Full-fledged laboratories to train the undergraduate and postgraduate students from the very basics to modern trends in the field of Electronics and Communication is one of the prominent attribute of the department. The department organizes seminars and workshops to cater the needs of society as well as to enhance their life skills.

Academic system of the department follows the practices recommended by outcome-based education (OBE), by conducting periodic reviews by Class Committees, Class Parent Teachers Association, and the Department Advisory Board. Evaluation of faculty by students are performed twice in a semester. Surveys are conducted among students, parents and alumni to evaluate the attainment of the outcomes of the course.

#### 4.4.1 Vision and Mission of the Department

##### **Vision**

To be a centre of excellence in Electronics Engineering education for the benefit of mankind

##### **Mission**

To impart knowledge in the field of electronics and its related areas with a focus on developing the required competencies and virtues to meet the requirements of society

#### 4.4.2 Facilities

The department has a software managed technical library with more than 900 titles. The well-equipped laboratories of the department enable students to do their practical and projects successfully within the time schedule of the academic calendar. The laboratory facilities include:

- Circuits Lab
- Digital Lab
- Systems Lab
- Microwave Lab
- Communication Engineering Lab
- Computer Lab
- Centre for Advanced Signal Processing (CASP)
- Advanced Communication System Lab
- Incubation/testing Centre
- Power Electronics Lab/ Workshop
- Telecommunication and Machine Learning Lab (Research Lab)

#### 4.4.3 Activities

The department is vibrant in academic as well as technical fields. The department conducts student's technical festival namely PROMINENCE every year. Students are benefited by this event, as they can exhibit the products designed by them to the public. Thesis presentation contest is another event coordinated in every year for the M.Tech students of the department. Expert talks by faculty from industry and premier institutes are arranged through Industry Institute Interaction (III) cell and Visiting Faculty Scheme (VFS).

#### 4.4.4 Sponsored Projects

<b>Name of the project</b>	<b>Funding Agency</b>	<b>Amount (Rs.)</b>	<b>Status</b>
An automated video surveillance system using deep learning	Centre for Engg. Research & Development (CERD)	2,00,000	Ongoing
Channel equalization in digital communication	CERD	2,00,000	Ongoing
Effect of Mimicked Speech on Automatic Speaker Verification	Kerala State Council for Science, Technology and Environment (KSCSTE)	5,97,500	Completed

Establishment of Advanced Signal Processing Research Lab at RIT Kottayam (First phase)	CERD	20,00,000	Completed
Development of prosodically guided phonetic engine for searching speech databases in Indian languages	Department of Electronics & Information Technology, MHRD, Govt. of India	50,60,000	Completed
Study of vehicle sound signature for characterization of heterogeneous traffic	AICTE RPS	10,00,000	Completed
Extension of Advanced Signal Processing Research Lab at RIT Kottayam	CERD	30,00,000	Ongoing
Audio visual cues for speed estimation and vehicle classification	CTransE (Center for Excellence in Transportation), NIT Thiruchirappally	1,00,000	Completed
Forensic Speaker Recognition-Coping with channel mismatch, noise, voice disguise and VoIP	KSCSTE	15,00,000	Completed
Development of Speech Recognition Based Audio Search and Learning tools in Malayalam	CERD	15,00,000	Completed
Automation of Malayalam articulation test using speech recognition techniques	All India Institute of Speech and Hearing (AIISH), Mysore	5,00,000	Completed
A System for Traffic Data Collection, Vehicle Classification and Head Light Violation Detection Using Audio Visual Cues	Transportation Research Centre, Kerala	9,10,000	Completed
Modifying the design of automated Malayalam Articulation Test to improve accuracy for evaluation of children with severe articulatory disorders	All India Institute of Speech and Hearing (AIISH), Mysore	5,80,000	Sanctioned
Analysis of Multi packet Reception for Millimeter Wave Wireless Local Area Networks (WLANs)	TEQIP RIT Kottayam	2,00,000	Ongoing

#### 4.4.5 Department Advisory Board

Name	Affiliation
Dr. Elizabeth Elias	Professor (Retd.), Dept of ECE, NIT Calicut (Academician)
Dr. S M Sameer	Professor, Dept of ECE, NIT Calicut (Academician)
Dr. Sindhu R	Professor, Dept of ECE, NSS College of Engg. Palakkad (OBE Expert)
Dr. Neelakandan Narasimman	Industry/ Alumini
Prof. Deepa V S	Assoc. Professor, Dept of ECE, College of Engg. Chengannur (Parent)
Mr. K P Sreekumar	Media and Communication Tata Elxsi (Industry)

#### 4.4.6 Faculty

Name	Designation	Contact No.	E-mail Address
Dr. Leena Mary	Professor & Dean (Research)	9495111689	leena.mary@rit.ac.in, dean.research@rit.ac.in
Dr. Anilkumar C D	Professor	8921972635	cdanil@rit.ac.in
Prof. Premson Y	Associate Professor	9497382764	ypremson@rit.ac.in
Prof. Umesh A C	Associate Professor & Head	9446052354	umesh@rit.ac.in hod.ece@rit.ac.in
Dr. Manju Manuel	Professor	9400601131	manjum@rit.ac.in
Dr. Rezuana Bai J	Associate Professor	9447886226	rezuanaj@rit.ac.in
Prof. Neetha George		9495928018	neetha@rit.ac.in
Prof. Riyas K S		9633751304	riyas@rit.ac.in
Prof. Sujithamol S		8281386667	sujithamol@rit.ac.in
Dr. Renu Jose		9496328890	renu.jose@rit.ac.in
Dr. Arun Varghese		9447265698	arun.varghese@rit.ac.in
Prof. Josemartin M J		8086537373	jose.martin@rit.ac.in
Dr. Upama Rajan M N	Assistant Professor	9496379199	upama.rajan@rit.ac.in
Prof. Nimmy George		9495336257	nimmygeorge@rit.ac.in
Prof. Shinoj K Sukumaran		9496115658	shinojsukumaran@rit.ac.in
Prof. Renjith H Kumar		9497325865	renjithhk@rit.ac.in
Dr. Michael George		9447539225	michaelgeorge@rit.ac.in
Dr. Helen Mary M C		9446219621	helenmarymc@rit.ac.in

#### 4.4.7 Technical staff

Name	Designation	Contact No.	E-mail address
Ms. Alphonsa M P	Instructor	9400660759	alphonsamp29@gmail.com
Ms. Beena V S	Grade I	9495408534	vsbeenashaji@gmail.com

Mr. Asokan R	Instructor Grade II	9447390934	asokanr6@gmail.com
Mr. Vinny David	Trade Instructor	9895790343	vinnydavid007@yahoo.co.in
Mr. Mujeeb P I		9495021213	pimujeeb@gmail.com
Mr. Sigimon P M		9495181693	sigimonpm1975@gmail.com
Mr. Deleep P		9496460605	deleepmanickanal@gmail.com
Mr. Asharaf Y		9961163638	mafнас2@gmail.com
Mr. Satheesh Kumar S		9400133755	sathisat6s@gmail.com
Mr. Anoop A V	Tradesman	9605802340	aavnair123@gmail.com
Mr. Bijumon P T		9526973142	lijumon3100@gmail.com
Mr. Vishnu S		8891488548	vishnu.sabu@rit.ac.in

## 4.5 Computer Science and Engineering

The Computer Science and Engineering department at RIT Kottayam was established in 1999. The Department offers B.Tech and M.Tech programmes in Computer Science and Engineering. The Department is an approved research centre for Ph.D programme under APJ Abdul Kalam Technological University.

The B.Tech programme has been accredited by National Board of Accreditation (NBA) in 2007, 2016 and 2019. The department is keen about keeping updated about the growing demands and the changing trends of the industry and research arena. Seminars and workshops are organized periodically for faculty and students to impart an awareness on emerging trends in Computer Science and Engineering.

The practices recommended by outcome-based education (OBE) are followed in the department and are periodically reviewed by class committee, class PTA, Department Advisory Board and Internal Quality Assurance Cell (IQAC). The fact that the department has been accredited by NBA for more than ten years provides confidence and assurance on the quality of academic standards maintained by the department to various stakeholders including students. The students of the B.Tech programme in the department have secured university ranks in 2003, 2005, 2009, 2011 and 2017.

### 4.5.1 Vision and Mission of the Department

#### Vision

To be a Centre of excellence for nurturing the young minds to become innovative computing professionals for the empowerment of society.

#### Mission

- To offer a solid foundation in computing and technology for crafting competent professionals.
- To promote innovative and entrepreneurial skills of students by exposing them to the forefront of developments in the field of computing.
- To inculcate strong ethical values in the young minds to work with commitment for the progress of the nation.

#### **4.5.2 Facilities**

The computing facility of the Department consists of a state-of-the-art network of computers spread over 5 separate labs and SDPK (Skill Delivery Platform) running with servers for research and learning purposes. The software laboratories are equipped with local area network of more than 120 modern computers as clients, monitored by multiple high configuration servers. The Department also has a hardware lab with ample computers, microprocessor kits and interfacing devices to train the students in assembling, hardware maintenance, and troubleshooting. Laboratory facilities include:

- Networking Lab
- DBMS Lab
- Operating Systems Lab
- Advanced Computing Lab
- Hardware and Microprocessor Lab

The Advanced Computing Lab in the CSE department provides a very conducive environment to the students to learn and gain expertise in the field of Artificial Intelligence, Machine Learning, Data Mining, Cyber Security and so on.

The Department library has sufficient volumes of textbooks and reference books, journals, magazines and provides online access to ACM and IEEE journals. The Department also facilitates various online examinations of Kerala PSC and Kerala Entrance Commission.

#### **4.5.3 Activities**

The Department has now become full-fledged in new Computer Science & Engineering Block with well-equipped laboratory facilities, well established Department Library, to mould a competent Computer Science engineer to cater the needs of industry and Research and Development. The Department is always keen in maintaining a good academic record with a pass percentage of more than 80% every year. More than 90% of the eligible candidates are placed at various multi-national firms every year. With a vision to impart technical exposure to the students, the Department regularly conducts programs under Industry Institute Interaction (III) Cell, Visiting Faculty Scheme, QEEE and CSE Association. The students have also initiated several Entrepreneurship activities at Technological Business Incubation (TBI) Centre at RIT and Startup Village, Cochin such as Rolling Dice Developers and ProBuk. The Department has also signed a Memorandum of Understanding (MOU) with POORNAM Info Vision, Infopark-Cochin. Faculty members are involved in various researches and consultancy works such as Principal Investigator of CERD projects, DIT project, Member of IISc-York University Project and Editorial Board Members, Reviewers of several national and international Journals. As part of ongoing faculty development, several Short Term Training Programs are also conducted by the Department.

#### 4.5.4 Sponsored Projects

Name of the project	Funding Agency	Amount (Rs.)/ Nature of work	Status
Text Mining in Malayalam Documents	Centre for Engg. Research & Development (CERD)	1,54,500	Completed
Vehicle Tracking System for Physically Challenged People	State Commmissionerate for Persons with Disabilities	Service	Completed
Text Mining in Social Networks	TEQIP, RIT Kottayam	65,000	Completed
Android App for SMART Kottayam	Confederation of Indian Industry	Service	Completed
Web application for Disaster Management (DMS)	District Collector Kottayam	Service	Completed

#### 4.5.5 Department Advisory Board

Name	Affiliation
Dr. Vineeth Paleri	NIT Calicut
Mr. Bhadran V K	CDAC,Thiruvananthapuram
Dr. Vinod Chandra S S	University of Kerala
Dr. Philip Samuel	Cochin University of Science & Technology
Mr. Nithish Babu Philip	Infosys, Thiruvananthapuram

#### 4.5.6 Faculty

Name	Designation	Contact No.	E-mail address
Dr. Sobhana N V	Professor	9496123130	sobhana@rit.ac.in
Prof. Kavitha N	Associate Professor	9947676333	kavitha@rit.ac.in
Dr. Madhu K P	Associate Professor & HOD	9444798986	kpmadhu@rit.ac.in hod.cse@rit.ac.in
Dr. Ajeesh Ramanujan	Assistant Professor	9495135213	ajeeshramanujan@rit.ac.in
Prof. Anilkumar S		9744854414	anilkumars@rit.ac.in
Dr. Vineetha S		9446536660	svineetha@ rit.ac.in
Prof. Shibu Kumar K B		9446645071	shibukumar@rit.ac.in
Prof. Anish Abraham		9447129261	anishabraham@rit.ac.in
Dr. Unnikrishnan K		9447504973	unni_krishnan_k@rit.ac.in
Prof. Sabina M A		9746809409	sabinacse@rit.ac.in
Prof. Geethu Sasidharan	Asst. Prof. (Adhoc)	9495784388	geethusaidharan@rit.ac.in
Prof. Jeena Joy		8281122898	jeenajoy@rit.ac.in



Prof. Leya G	Assistant	9495421007	leyag@rit.ac.in
Prof. Aparna R	Professor	8547869302	aparnar@rit.ac.in
Prof. Nimmy Maria Jose	(Adhoc)	9539485289	nimmymariajose@rit.ac.in

#### 4.5.7 Technical staff

Name	Designation	ContactNo.	Email address
Mr. Binoj S	Computer	9846188450	sbinoj@rit.ac.in
Mr. Jaikumar K Kurumackel	Programmer	9946666717	jaikumar@rit.ac.in
Mr. Harikumar K	Trade Instructor Sn. Gr	9446093308	harikpy@gmail.com
Mr. Boban K Das	Trade	9400678706	bobansharon@mail.com
Mr. Jagadeesh Kumar S	Instructor Gr. I	9447860496	jagadeeshsankaran@rit.ac.in
Ms. Preetha P		9496159731	preethacse@rit.ac.in
Mr. Ameen Muhamed	Trade Instructor Gr. II	8606184414	ameenoptima@gmail.com
Mr. Rajesh Kumar V S	Tradesman	9446751624	rajeshvsvta@gmail.com
Mr. Sureshkumar T		9946399814	kadayara10@gmail.com
Ms. Suja S		9446755091	sujaashokan123@gmail.com
Ms. Aruna G		9946467850	aruna.aji@gmail.com
Mr. Raveendra Kumar K V		9447340194	raveendrakumarkv@gmail.com

## 4.6 Architecture

The Department which took birth in 2011 at RIT Kottayam envisages an arena of architecture programme in which its multiple missions are celebrated, and the varied talents of the faculty and students are encouraged in a scholarly climate that stands for excellence in teaching, research, the application of knowledge, and the interpretation of learning. The Architecture block is at the verge of completion, and the department will be shifted to the new block within a short span of time.

### 4.6.1 Vision and Mission of the Department

#### Vision

To make the Department a Centre of excellence in Architecture of international repute by moulding future generations of ethical professionals and creative designers to create sensitive and responsible built environments.

#### Mission

The department's mission is to be committed to the following:

- To celebrate the power of creative exploration, research, innovation and experimentation and encourage students to form thoughtful and imaginative solutions to the challenges confronting our society.

- To prepare students for an engaging, inspiring and productive career in architecture and make them conceptual thinkers and skilled professionals who are well versed in the techniques and knowledge to create responsible built environment.
- To guide students to interdisciplinary co-operation with allied fields in order to collaboratively address the complex spatial, economic, social and environmental challenges of practice and preparing them to be market ready for engaging fruitfully to contemporary professional practice.
- To inculcate in students a strong context of professionalism striking highly on the relationship between intellectual development, technological advancement, and creative thinking with a strong emphasis on community service.

#### 4.6.2 Curriculum

- The School offers **studio based** curricula encouraging nature studies.
- The curriculum is based on developing new ideas about creating livable habitats in the midst of intense pressures for growth and existence of fragile ecosystems and environmental degradation.
- It explores how the **digital design revolution and sustainable design practices** in Architecture as well as urbanism can coexist.
- **Heritage understanding** and appraisal, interpreting and preserving our cultural heritage in design and planning, including historic buildings, landscapes and intellectual and cultural ideas are weaved effectively into the curriculum.

#### 4.6.3 Sponsored Projects

Name of the project	Funding Agency	Amount (Rs.)	Status
Investigation and evaluation of the effectiveness of Architecture Education with regards to the learning outcomes to be achieved by the B.Arch graduates.	TEQIP RIT Kottayam	2,00,000	Ongoing
Designing of building envelope through passive cooling strategies for warm humid climate	CERD	1,48,000	Ongoing
Developing Guidelines for Climate Responsive and Site Sensitive Architecture for New Constructions in Western Ghats.	CERD	1,50,000	Completed
Development of Indoor Air Quality Policy and Standards for Kerala, India	CERD	1,50,000	Completed
Developing sustainable practices for conserving the historic timber building of Kerala	CERD	1,00,000	Completed

#### 4.6.4 Department Advisory Board

Name	Affiliation
Ar. Jose K Mathew (Chairperson)	Principal Architect, JKM Design Consortium Architects & Planners, Kottayam
Prof. Neena Thomas	Professor (Retd.) Dept. of Architecture, College of Engg. Thiruvananthapuram (Academic Expert)
Ar. Thomas Jose	Principal Architect, Dhruvam Architects, Kottayam (Industry Expert)
Ar. Roy Antony	Principal Architect, Roy Antony Architects, Ernakulam (Expert in Architecture)
Dr. Binumol Tom	Dean UG Studies, RIT Kottayam
Dr. Manju Manuel	IQAC Coordinator, RIT Kottayam
Dr. Bindhu B K	Dept. of CE, RIT Kottayam
Dr. Renju Kurian	Dept. of ME, RIT Kottayam
Dr. Prince A	Dept. of EE, RIT Kottayam
Ar. Naveen John Thomas (Australia)	Alumni

#### 4.6.5 Faculty

Name	Designation	Contact No.	E-mail address
Dr. Binumol Tom	Professor & Dean(UG)	9446592196	binumol.tom@rit.ac.in dean.ug@rit.ac.in
Prof. Deepa Rani R	Associate Professor & HOD	9496640532	deeparani.r@rit.ac.in hod.arch@rit.ac.in
Prof. Tessy Varkey	Assistant Professor	9846759020	tessy@rit.ac.in
Prof. Dinesh C		8113920480	dineshchandran@rit.ac.in
Prof. Ambily P	Asst. Professor (under QIP deputation)	8281877799	ambilymenon@rit.ac.in
Prof. Archana A P		9400499055	archana_ap@rit.ac.in
Prof. Jonu John Thomas	Assistant Professor	9447518433	jonujohn@rit.ac.in
Ar. Raji Vipin	Assistant Professor (Adhoc)	8428333053	ar.rajivipin@rit.ac.in
Ar. Anupa Ria Kurien	Assistant Professor (Adhoc)	6238780609	kurian.anupa@rit.ac.in
Ar. Hannah Elizabeth		8129999131	hannahelizabeth@rit.ac.in
Ar. Milan Susan Elias		9544085934	armilansusanelias@rit.ac.in
Ar. Reenu George		8281172713	arreenugeorge@rit.ac.in
Ar. Aparna V		8056461659	aparnav777@rit.ac.in

Ar. Ann Joy	Assistant Professor (Adhoc)	8943901148	annjoy@rit.ac.in
Ar. Sandra Jose		9497371739	sandrarose@rit.ac.in
Ar. Dhanya Mariam Shaji		9446505727	ardhanyamariamshaji@rit.ac.in
Mr. Ashok Kumar G	Fine Arts Expert	8281249001	ashokkumargopalan@rit.ac.in

#### 4.6.6 Technical staff

Name	Designation	Contact No.	E-mail address
Ms. Rajani M K	Cad Lab Assistant (Demonstrator)	9495336172	rajanisukumaran@gmail.com

### 4.7 Computer Applications

Since its inception in the year 2001, the department has been a fertile soil for the budding professionals of Computer Applications. Armed with a bunch of experienced faculty and expert technical staff, it is well prepared to transform the students to meet the requirements of the information technology industry. Currently the department offers the post- graduate programme- Master of Computer Applications, having a duration of 2 years with an intake of 60. Curriculum of the MCA course has been designed with emphasis on theoretical and practical applications of computer technology, for enabling the students to be knowledgeable in various programming languages, computer hardware, database management, artificial intelligence, machine learning, etc. The laboratories of the department are equipped with state-of- the-art computing and networking devices. They form the hardware platform on which different frontiers of Computer Science like Data Structures, DBMS and various programming languages like C, C++, Java, Python, etc. are introduced to the students. The projects (both the mini project and the main project), which are miniature forms of real, industry standard assignments, are also carried out as part of the curriculum. As the Government of Kerala has been promoting Free and Open Source Software, the department has fully switched on to the Open Source realm.

#### 4.7.1 Major Projects

Name of the project	Client	Nature of the work	Status
RITSoft- Campus software (2015)	RIT, Kottayam	Service	Completed
Web application for Complaint Redressal Campaign of District Collector, Feb. 2020	Taluk Office Kottayam	Service	Completed
Web application for Polling of Absentee Voters for LAC Election 2021	District Election Officer (District Collector)	Service	Completed
Web and Mobile applications for Front Office, Kottayam Taluk Office, Jan 2021	Taluk Office Kottayam	Service	Completed

Web application for facilitating Vaccination, June 2021	Taluk Head Quarters Hospital, Pampady	Service	Completed
New website for RIT	Institution	Service	Ongoing

#### 4.7.2 Faculty

Name	Designation	Contact No.	E-mail address
Dr. Reena Murali	Professor	9744223115	reena.rajesh@rit.ac.in
Prof. John C John	Associate Professor & Head	9093929239	johnc@rit.ac.in hod.mca@rit.ac.in
Dr. Sangeetha Jose	Associate Professor	9447285935	sangeetha.jose@rit.ac.in
Prof. Tomsy Paul	Assistant Professor	9446917617	tomsy@rit.ac.in
Prof. Shalu Murali	Asst. Prof. (Adhoc)	9496681172	shalumurali18@rit.ac.in
Prof. Sonupriya P S		8547460997	sonupriyaps@rit.ac.in
Prof. Sreelakshmi K R	Assistant Professor (Adhoc)	8281030360	srilakshmy.kr@rit.ac.in
Prof. AnithaKrishna G		9605032999	anithakrishnag@rit.ac.in
Prof. Jane George		9495662181	janegeorge@rit.ac.in
Prof. Aswathy N Rajan		8281454463	aswathy2290@rit.ac.in

#### 4.7.3 Technical staff

Name	Designation	Contact No.	E-mail address
Ms. Isabella C	SystemAnalyst	9495995470	isabella@rit.ac.in
Ms. Dhanya P S	Computer Programmer (HG)	9809808309	dhanya@rit.ac.in
Mr. Omanakkuttan S	Trade Instructor	9497086583	omanakkuttan@rit.ac.in
Mr. Sunil P	Tradesman	9497010970	sunilpnair71@gmail.com

### 4.8 Applied Science

Mathematics, Chemistry and Physics come under the Applied Science Department. Applied Science is a foundation for engineering and involve application of scientific knowledge. It leads to better insightful understanding of engineering. Engineering is the application of scientific knowledge to create things. Science is hence obviously important, as without knowing science, we cannot apply it.

#### 4.8.1 Faculty

Name	Designation	Contact No.	E-mail address
<b>Mathematics</b>			
Dr. Vinoy George	Associate Professor & Head	9497244894	vinoygmupparayil@rit.ac.in hod.mathematics@rit.ac.in

Prof. Jineesh Thomas	Assistant Professor	9447462097	jineshthomas@rit.ac.in
Dr. D Pradeep		9497356840	pradeepd87@rit.ac.in
Prof. Jilumol M M		8281148753	jilumohanan@rit.ac.in
Dr. Ramyamol P C		9605532352	ramyaputhenpurackal@rit.ac.in
<b>Chemistry</b>			
Prof. Laigi Joseph	Assistant Professor	9495335922	laigijoseph@rit.ac.in
<b>Physics</b>			
Dr. R Shabna	Assistant Professor	8281228279	drshabna@rit.ac.in

## 4.9 Physical Education

Name	Designation	Contact No.	E-mail address
Dr. George Joseph	Associate Professor	9447848660	hod.phyedn@rit.ac.in

The various activities carried out by the department is mentioned in Section 8.1

## 5. ADMINISTRATION WING

The college administration wing functions in the first floor of the administrative block.

### 5.1 College Office

Name	Designation	Contact No.
Dr. C Sathish Kumar	Principal	9400006409 9447637773
Mr. Joseph Jolly A.	Administrative Assistant	8547902606
-Vacant-	Accounts Officer	
Mr. Vincent John	Senior Supdt.	9495010051
Mr. Wilson T		9495116781
Ms. Sindhumol M M	Junior Supdt.	9446862424
Mr. Rajesh P R	Technical Store Keeper	9847909036
Ms. Shafna Ibrahim	Head Accountant	9961083596
-Vacant-	Sergeant	
Ms. Praveena Vasudevan	Confidential Assistant	9847802351
Mr. Baiju Joseph	Senior Clerk	9496940030
Ms. Subitha K S		9037558295
Mr. Vipinraj P V		9496491051
Mr. Shiju M G		7012473290
Mr. Reji Abraham		9495525440
Ms. Mickey V J		8921969497
Mr. Shaji R		9496880601
Mr. Anilkumar C R		9446342188
Ms. Soumya S Nair	Clerk	9495665233
Ms. Beena Basheer		8547955384
Ms. Anjana P N		8547498812
Ms. Anithakumari P S		9446455211
Ms. Ambily G	Senior Grade Typist	9605533204
Ms. Reena Jose		8111930083
Ms. Rajimol N V	Senior Typist	9562650182
Ms. Saritha S	Clerk-Typist	9946314874
Mr. Thajudeen P U	Non Technical Attender	9495080134
Mr. Navas K M	Bus Driver	9037634391
Mr. Jatheeshkumar P C		9497663425
Mr. Ratheesh C N		8156983949
Mr. Anilkumar V R	Office Attendent	9495850496
Mr. Sivakumar U P		9947718585
Mr. Shiyas K M		9497225417
Mr. Arun Krishnan		9074368794
Mr. Aneesh C V		9400717244
Mr. Vijeesh Chandran		9020205885
Mr. Prabhul K Muralee		9496323630
Mr. Suresh K	Gardner	9947052726
Mr. Binu M T	Night Watcher	9947052726
Mr. Mithun M K		9747863018
Mr. Sanosh P S		9249116666

Mr. Prajesh P	Night Watcher	8891649699
Mr. Jithin Prasad		9847219536
Mr. Syamlal		8086251653
Mr. Samod M M	Bus Cleaner	9048804636
Ms. Vaheeda C	Full Time Sweeper	9921878963
Mr. Prasad P G		9605943353
Ms. Shaini K S		9961020285
Ms. Sujitha P R		8943009820
Ms. Kochumoney M V		8111871799
Ms. Sophy K C		9497225151
Ms. Sudharmma P G		9497686865
Ms. Omana E C		9747138815
Ms. Valsamma T C		9496277434
Ms. Philomina K M	Part Time Sweeper	9447705253
Ms. Thressiamma K V		7034019493
Mr. Shaju P T	Full Time Sanitation	9447901976
Ms. Annamma J Paikkattu	Worker	9847102697

## 5.2 Office contacts and E-mail addresses

College Office	0481-2507763
College e-mail address	info@rit.ac.in
Principal's Office/ CA	0481-2506153
Principal's e-mail address	principal@rit.ac.in
Academic section	academics@rit.ac.in
Accounts section	accounts@rit.ac.in
Purchase section	purchase@rit.ac.in
Establishment	establishment@rit.ac.in

## 5.3 Library staff

Name	Designation	Contact No.	E-mail address
Mr. Biju K K	Scientific Information Officer	9961716691	librarian@rit.ac.in
Ms. Blessy G V	Librarian Grade II	9495649693	
Ms. Remya M	Librarian Grade IV	9496428979	
Mr. Prasannan K V	Non Technical Attender	9446377255	



## 6. OFFICIAL BODIES IN COLLEGE

### 6.1 Board of Governors (BoG)

Government of Kerala have constituted the Board of Governors (BoG) in 2010 for the College for performing the following functions:

- Take all policy decisions with regard to smooth, cost effective and timely implementation of the institutional sub project.
- Form, supervise and guide various committees required for project implementation and internal project monitoring.
- Ensure overall faculty development.
- Enable implementation of all academic and nonacademic institutional reforms.
- Ensure proper utilization of project fund and timely submission of Financial Management Reports (FMR) and Utilization Certificates.
- Ensure compliance with the agreed procedures for procurement of goods, works and services, and financial management.
- Ensure compliance with other fiduciary requirements under the project such as Equity Assurance Plan (EAP), Environment Management Framework (EMF) and Disclosure Management Framework (DMF), and monitor progress in the carrying out of all the proposed project activities, resolve bottlenecks, and enable the institution to achieve targets for all key indicators.

#### 6.1.1 Members of Board of Governors

Name of the member	Designation	Role in BoG
Dr. V G Idichandy	Former Deputy Director & Professor in Ocean Engg. IIT Madras	Chairman
Dr. P Ravikumar	Sr. Director(Retd.) & Sr. Consultant, CDAC, TVM	Member
Col. Shaji M Varghese	Managing Director, KEL	Member
Dr. Leena Mary	Professor in EC	Institute Member
Dr. Sobhana N V	Professor in CS	Institute Member
Govt. nominee	Higher Education Department	Govt. nominee
Govt. nominee	Finance Department	Govt. nominee
Dr. Byjubai T P	Director of Technical Education	Member (Ex-officio)
Dr. Vrinda V Nair	Director, SPFU Kerala	Member (Ex-officio)
University nominee	Controller of Examinations, APJAKTU	University nominee
Dr. Ramesh Unnikrishnan	Regional Officer & Director, AICTE South Western Office	AICTE nominee
Dr. C Sathish Kumar	Principal of the Institution	Member Secretary (Ex-officio)

## 6.2 College Council

College Council consists of the Principal (Chairman of the Council), Deans, Heads of various departments, Faculty in charge of Physical Education, Hostel Wardens, and representatives from College Union. Some of the general administration work of the college may be distributed among the members of the college council, to be done under the general supervision of the Principal. Functions and responsibilities involve decision making, supervision of day to day working and progress and development of the institute. The council is empowered to consider and report on any question concerning rules of discipline. All questions of promotion, course certificate, cases of misconduct on the part of students etc. will be dealt with the Principal in consultation with the members of the council.

### 6.2.1 Members of College Council

Name	Designation	Contact No.	E-mail address
Dr. C Sathish Kumar	Principal	9400006409	principal@rit.ac.in
Dr. Leena Mary	Dean (Research)	9495111689	dean.research@rit.ac.in
Dr. Ciby Thomas	Dean (PG)	9446382576	deanpg@rit.ac.in
Dr. Binumol Tom	Dean (UG)	9446592196	dean.ug@rit.ac.in
Dr. Johnson Mathew	HOD (EE)	7025424119	hod.eee@rit.ac.in
Dr. A Ramesh	HOD (ME)	9447422303	hod.me@rit.ac.in
Dr. Ajitha T	HOD (CE)	7293731212	hod.ce@rit.ac.in
Dr. Madhu K P	HOD (CSE)	9447870015	hod.cse@rit.ac.in
Prof. Umesh A C	HOD (ECE)	9446052354	hod.ece@rit.ac.in
Prof. John C John	HOD (MCA)	9093929239	hod.mca@rit.ac.in
Prof. Deepa Rani R	HOD (Arch)	9496640532	hod.arch@rit.ac.in
Dr. Vinoy George	HOD (Maths)	9497244894	hod.mathematics@rit.ac.in
Dr. George Joseph	HOD (Phy. Edn.) & Dean (Student Affairs)	9447848660	hod.phyedn@rit.ac.in
Prof. Premson Y	Staff Advisor (College Union)	9497382764	ypremson@rit.ac.in
Dr. A Ramesh	TEQIP Coordinator	9447422303	rameshgec@rit.ac.in
Dr. Manju Manuel	IQAC Convenor	9400601131	manjum@rit.ac.in
Dr. Renu Jose	Warden (MH)	9496328890	renu.jose@rit.ac.in warden@rit.ac.in
Dr. R Shabna	Warden (LH)	8281228279	drshabna@rit.ac.in warden@rit.ac.in
Mr. Biju K K	SIO	9961716691	librarian@rit.ac.in

## 6.3 Parent Teacher Association (PTA)

The Parent Teacher Association has a prominent role in aiding the smooth functioning of the college. All parents/guardians of the students on the roles of the college, are members of the association. The PTA plays a major role in the day-to-day activities of the institute by providing:

- Financial assistance to departments and library
- Financial assistance to economically backward students
- Grant for NSS camps
- Financial assistance to cultural/technical activities
- Assistance to the activities of placement cell
- Emergency loans to hostels, labs, and office

### 6.3.1 PTA Office Bearers

Name	Position	Contact No.	E-mail address
Dr. C Sathish Kumar	Principal cum Patron	9400006409	principal@rit.ac.in
Mr. Sunny P J	President	8547003415	sunnypjacob62@gmail.com
Mr. Mohandas E N	Vice President	9747698707	mohandasen24@gmail.com
Prof. Dinesh C	Secretary	8113920480	dinreturns@gmail.com
Mr. Ponnappa M M	Member	9349507703	mmponnappa@gmail.com
Mr. C V John	Member	9495505084	liyajohn111@gmail.com
Mr. K R Gopakumar	Member	9446474028	kgopakumargokulam@gmail.com
Mr. Sunil Issac	Member	9037888776	suniliss@gmail.com
Dr. Leny Mathew	Member	8606569173 9495469173	geoleny@gmail.com
Mr. Johnkutty Jose	Member	9446166799	johnjoseph4450@gmail.com
Ms. Jessy Joseph	Member	9447747469	jessyjoseph0565@gmail.com
Ms. Raji K V	Member	6282109921	skvrkp2016@gmail.com
Mr. Roy Thanganadan	Member	9446504222	steeverin@gmail.com

## 6.4 College Union

As per the University statutes, the executive committee of the college union consists of Chairperson, Vice-chairperson, General Secretary, Magazine Editor, Arts Club Secretary, University Union Councilors (number decided by the University depending on the student strength), one representative from each UG programme, one representative from each PG programme, lady representative (number decided by the University depending on the student strength), an elected female student from SC/ST category (or a student from SC/ST category nominated by the executive committee), sports secretary (nominated by the executive committee), the Principal of the College (ex-officio Patron) and a Staff Advisor (ex-officio), a faculty nominated by the Principal. The term of the union is generally one year from the date of formation of the executive committee, or till the last date of the academic year, whichever comes earlier. In circumstances where a new elected committee cannot be formed following the completion of the existing committee, the Principal, in consultation with the College council, can extend the period of the existing committee up to three months. The extension in duration of the existing committee ceases, if a new elected committee

assumes charges in between. Funds for union activities are collected from students every year. Funds for activities and magazine are raised through sponsorship. It is the responsibility of the College Union to publish college magazine through the elected magazine editor. A staff editor will guide and support the student editor, under the monitoring of the magazine committee.

## **6.5 Department Associations**

Association secretary is elected from the students along with college union elections. One staff member from each department is in charge of association activities. Association secretary organizes the programmes under the guidance of staff-in-charge. Funds are collected from students. Additional funds are collected from the sponsors.

## **6.6 Grievance Redressal Cell**

The grievance redressal cell is functioning with the objective of hearing the complainants, conducting enquiries and settle the complaints or providing recommendations to the Principal/ College council. Earlier, the functioning of the cell was intended to the regular students of the college. An online grievance redressal system has been implemented in the college using a software. Every student/ parent/ staff are given access to the software through an individual login and can register complaint/ grievance related to issues in the College, with provisions to upload audio/ video or other type of digital evidences. The Principal shall act as the patron, and the grievance redressal cell chairman will act as the system administrator. The system will function with the manual complaint redressal facility also. The online facility is activated from December 2019 onwards. Students/ parents/ faculty can also access this system through the campus software, RITsoft.

Dr. Manju B, Assoc. Professor, EE Dept. is the chairperson of the cell. The details of the committee members are given in Section 6.8.

## **6.7 Internal Quality Assurance Cell (IQAC)**

The goal of the Internal Quality Assurance Cell (IQAC) is to develop a quality system for a consistent programmed action to improve the academic standards of the Institute and to provide better visibility. The functioning of IQAC at the institute level is made mandatory by the University. One of the main objectives of IQAC is to perform the academic auditing so as to enable self-evaluation and impart accountability in technical education. The IQAC oversee and monitor all the academic activities including all internal evaluations and examinations. The cell prepares academic audit statements for each semester at regular intervals, and present the reports to the external academic auditors appointed by the University. The IQAC audit is conducted strictly in adherence with the quality criteria prescribed by the National Board of Accreditation (NBA). Other activities of IQAC include the organization of inter and intra institutional workshops, on quality related themes.

Dr. Manju Manuel, Professor, EC Dept. is the convenor of the cell. The details of the committee members are given in Section 6.8.

## 6.8 Details of Various Committees/ Cells

Committees/ Cells	Chairperson/ Coordinator	Members
<b>IQAC</b>	Dr. Manju Manuel, EC Dept.	Dr. Dhanya B S, CE Dept.
		Dr. Rajesh R, ME Dept.
		Prof. Jose Martin M J, EC Dept.
		Prof. Tomsy Paul, MCA Dept.
		Dr. Aryanandini B, EE Dept.
		Prof. Tessy Varkey, Arch. Dept.
		Prof. Anilkumar S, CS Dept.
<b>Disciplinary Action Committee</b>	Prof. Umesh A C, EC Dept.	Dr. Bindhu B K, CE Dept.
		Dr. Sunilkumar P R, EE Dept.
<b>Student Welfare Committee</b>	Prof. Abdul Raof A, CE Dept.	Prof. Jose Martin M J, EC Dept.
		Dr. Vinoy George, Maths Dept.
		Prof. Anilkumar S, CS Dept.
<b>Library Committee</b>	Dean (PG) (Chairperson)  SIO (Convenor)	Dr. Mini Koshy, CE Dept.
		Dr. Jinesh N, ME Dept.
		Dr. A Dolly Mary, EE Dept.
		Dr. Manju Manuel, EC Dept.
		Dr. Vineetha S, CS Dept.
		Prof. Tessy Varkey, Arch Dept.
		Prof. Tomsy Paul, MCA Dept.
<b>Ethics Committee</b>	Dr. Ciby Thomas, ME Dept.	Dr. George Joseph, Phy. Edn.
		Dr. Unnikrishnan K, CS Dept.
<b>Grievance Redressal Cell</b>	Dr. Manju B, EE Dept.	Prof. Shiji P V, CE Dept.
		Dr. Vineetha S, CS Dept.
		Prof. Jonu John, Arch. Dept.
		Prof. Aswathy Rajan, MCA Dept.
		Prof. Sujithamol S, EC Dept.
<b>Anti-Ragging Committee</b>	Dr. Binumol Tom, Arch. Dept.	PTA President
		PTA Vice President
		S.I. of Police, Pampady
		Panchayath Ward Member
		All HODs
		Warden (LH)
		Warden (MH)
<b>Internal Complaints Committee</b>	Dr. Binumol Tom, Arch. Dept.	Prof. Kiran Kumar M, ME Dept.
		Dr. Bindhu B K, CE Dept.
		Mr. Vincent John, Sr. Supdt., Admin. Office
		Ms. Anjana P N, Clerk
		Ms. Maggie Jose, NGO Member
		Ms. Anjana P, S7 EE
		Mr. Haneen, S5 ME
		Ms. Leya Susan, S7 EE

## **7. SUPPORTS AND FACILITIES**

### **7.1 Central Library**

The Central Library functions as the key resource of information for the academic community catering to the needs of students, researchers and staff. It is housed in a star shaped multi-storied building and spreads over to three floors with an area of 822 m<sup>2</sup>. The Library has a collection of 34604 volumes of books in Basic sciences, Engineering and Technology, and Humanities. Central Library has access to E-resources of IEEE Xplore digital library, ASCE, ASME, Science Direct, EBSCO art and architecture. More than 2000 e-books are also available. The library is kept open from 10 a.m. to 5 p.m. on all working days. Library is divided into three sections viz.

- Reference and reading area
- Book bank and digital library
- General section and circulation area

Library is fully automated using the library management software KOHA. It is the most advanced open source integrated library management software using today by hundreds of libraries world wide. Bibliographic records of books available in the library can be accessed through Online Public Access Catalogue (OPAC). Web OPAC is available in the Public IP address 14.139.188.88. RFID based circulation system is following presently. The main library services include:

- Books for loan
- Digital library service
- Internet services
- Reference services
- Reprographic facility

#### **7.1.1 National Digital Library of India (NDLI)**

National Digital Library of India (NDLI) is a virtual repository of learning resources that provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). National Digital Library of India Club (NDLI Club) is an enabler of career progression for students, job seekers, researchers and learners. NDLI Clubs are set up in institutes and nodal bodies, and these clubs conduct events to facilitate students to develop knowledge, skill and traits beyond regular curriculum which are essential for their progression in respective professional domain.

RIT is also a part of the NDLI Club. All the students, faculty and technical staff can register as members of NDLI Club using the pass key: 613fbde2-0160-4cc1-864e-2589a83f8f2b. The registered members can participate in various events conducted by NDLI Club.

### **7.2 Central Computing Facility**

Apart from sufficient computing facilities in each department, a central computing facility is functioning in the administrative block. It houses sufficient number of terminals on LAN and standalone PCs. Computer centre has a pool of software like Matlab, Stad Pro etc., and it is responsible for maintaining intranet in the campus. Computer centre also facilitates an interactive terminal of EDUSAT.

### 7.3 Hostels

RIT has three ladies hostels and one men's hostel with an intake of 360 and 110, respectively. Apart from this, RIT runs a separate P.G. hostel for men in the campus with an intake of 20. Procedure for hostel admission is as per the government norms. The students under the supervision of Warden run the mess in the hostels. The students and other activities in the hostels are under the supervision of Warden. All residents of college hostels have to strictly obey the following rules:

- The admission to the hostel is for one academic year. Rooms once allotted to the students for an academic year will not be changed except on special situations
- Guests can be accommodated only with prior permission. Entertaining unauthorized guest will lead to severe punishment, including expulsion from the hostel.
- Personal computers should not be used for objectionable purposes.
- The use of electrical appliances such as immersion heaters, electric stove are forbidden. Private cooking is strictly forbidden.
- Students should co-operate in carrying out maintenance works and should vacate rooms when the maintenance work is required.
- The residents shall not move furniture from its allotted place.
- All visitors to the hostel will have to make necessary entries in the visitor's book.
- The residents shall not paste any posters, pictures etc. on the walls, doors, windows, and shelves. The warden shall levy an amount proportional to the damage.

Dr. Renu Jose, Assoc. Professor, EC Dept. is the Warden of Men's hostel and Dr. R Shabna, Asst. Professor in Physics, is the Warden of Ladies hostels.

### 7.4 College Buses

There are seven buses operating on a regular basis. Two buses operate to Kottayam town, two to Changanacherry (via Karukachal and via Chingavanam), one each to Ettumanoor (via Kottayam), Pala and Kanjirappally. The bus timings are given below.

<b>Kottayam-Collectorate-RIT</b>	
T B	08:10 AM
Post Office	08:15 AM
Collectorate	08:20 AM
Kanjikuzhy	08:25 AM
Kalathipady	08:28 AM
Vadavathoor	08:30 AM
Madhavanpady	08:32 AM
Manarcadu	08:37 AM
Annadivayal	08:40 AM
San Jose	08:42 AM
7-th mile	08:45 AM
RIT	08:50 AM

<b>Kottayam-Railway station-RIT</b>	
T B	08:15 AM
Baker Junction	08:20 AM
Nagampadom	08:24 AM
Railway	08:26 AM
Kanjikuzhy	08:30 AM
Kalathipady	08:32 AM
Manarcadu	08:40 AM
RIT	08:50 AM
<b>Changanacherry-Karukachal-RIT</b>	
Railway	07:50 AM
Pareppally	07:52 AM
Kurisumoodu	07:55 AM
Valiyakulam	07:57 AM
Madukkumoodu	08:00 AM
Estate Padi	08:02 AM
Thengana	08:07 AM
Perumpanachy	08:10 AM
Illimoodu	08:12 AM
Nadackapadam	08:15 AM
Mamoodu	08:17 AM
Koothrapally	08:20 AM
Karukachal	08:25 AM
Manthuruthy	08:35 AM
RIT	08:50 AM
<b>Changanacherry-Chingavanam-RIT</b>	
Revenue Tower	07:40 AM
Post Office	07:50 AM
SB College	07:53 AM
Madhumoola	07:55 AM
Thuruthy	08:03 AM
Outpost	08:05 AM
Chingavanam	08:07 AM
Nellickal	08:10 AM
Velluthuruthy	08:12 AM
Njaliyakuzhy	08:15 AM
Thrikodamangalam	08:17 AM
Eramallor	08:20 AM
Puthuppally	08:30 AM
Kanjirathumoodu	08:35 AM
Thalapady	08:40 AM
RIT	08:55 AM
<b>Ettumanoor-RIT</b>	
Universiy	07:30 AM
Ettumanoor	07:45 AM
Caritas	07:50 AM
Gandhinagar	08:07 AM



Sankranti	08:10 AM
Kumaranallor	08:12 AM
Chavittuvari	08:13 AM
Chuttuveli	08:15 AM
Nagampadom	08:20 AM
Railway	08:23 AM
Manarcadu	08:35 AM
RIT	08:50 AM
<b>Pala-RIT</b>	
Pala	07:55 AM
Kottaramattom	08:00 AM
Marian	08:05 AM
Mutholi	08:07 AM
Arunapuram	08:10 AM
Cherpunkal	08:12 AM
Kummannor	08:13 AM
Kidangoor	08:15 AM
Manthadi	08:17 AM
Chandakavala	08:18 AM
Punnathura	08:19 AM
Narivelipally	08:21 AM
Ayarkunnam	08:23 AM
Amayannoor	08:25 AM
Oravackal	08:30 AM
Malam	08:32 AM
Kavumpadi	08:33 AM
Manarcadu Palli	08:35 AM
Manarcadu	08:40 AM
RIT	08:50 AM
<b>Kanjirappally-RIT</b>	
Kanjirappally	07:55 AM
Thaluk Hospital	08:05 AM
Shanti Hospital	08:10 AM
Ponkunnam	08:15 AM
17-th mile	08:20 AM
Kodungoor	08:30 AM
15-th mile	08:33 AM
14-th mile	08:35 AM
12-th mile	08:38 AM
Alampally	08:43 AM
Pampady	08:45 AM
RIT	08:50 AM

The return trips start at 4:10 p.m. from the parking yard near to the College Canteen.

Prof. Anilkumar K. N., Assoc. Professor, Mechanical Engg. Dept. is the Bus Secretary, assisted by Prof. Ramesh Krishnan S, Asst. Professor, Mechanical Engg. Dept.

## **7.5 Canteens**

A canteen is functioning in the college for staff and students. It is located near the Mechanical Workshop building. Separate dining spaces for staff and students, ergonomic seating arrangements, clean and hygienic food at affordable prices are noteworthy. A mini-canteen is functioning near to CSE department.

## **7.6 Co-operative Society**

Co-operative Society No. K943 is functioning from 1997 onwards, in the ground floor of administrative block. A co-operative store under the society is catering to the needs of the students and staff of the institution. The store, located in the ground floor of administrative block, supplies textbooks, work records, drawing instruments and other stationery articles needed for the students and staff.

## **7.7 Auditorium**

A mini-auditorium is available near the workshop building for academic or non-academic activities of the college. The auditorium has a seating capacity of 500.

## **7.8 Open Air Theatre (OAT)**

An open air theatre has started functioning from 2017 onwards. The OAT has an open stage and two AC bath attached VIP guest rooms. Total plinth area is 250 m<sup>2</sup> with a stage area of 160 m<sup>2</sup>. The 36 Lakh OAT project is the Silver Jubilee Gift of the RIT Alumni Association.

## **7.9 Conference and Seminar Halls**

A conference hall located adjacent to Principal's chamber has all facilities for conducting conferences and short-term programmes. An air-conditioned seminar hall (Sopanam) in administrative block with a seating capacity of 200, is also used for common programmes of the institute. The hall is equipped with power backup, LCD projector and public address system. The hall, maintained by career guidance and placement cell, has been renovated with the support of PTA in 2015. Apart from these common facilities, all departments have individual seminar halls.

## **7.10 Cafeteria**

A cafeteria is running for the students, staff, and visitors. It is located near the administrative block. The PTA has constructed the building and the dining space for this purpose.

The working of canteens and cafeteria is being monitored by a Canteen committee. Dr. George Joseph, Physical Education Dept. is the convenor of the Canteen committee.

## **7.11 Career Guidance and Placement Cell**

Career Guidance and Placement Cell (CGPC) is functioning in the college from 1997 onwards. All students of the college are members of the Placement Cell and their registration is done at the time of admission. CGPC maintains very good rapport with top software companies and industries in India. The cell arranges campus selection and placement by various top-ranking companies/industries. Training sessions are conducted for the students to develop their personality, communication skills,

leadership qualities, interpersonal relationship, management capacity etc. Special pre-placement training program of about one-week duration is conducted for the final year students, just before the commencement of campus selection process. CGPC encourages and supports students in taking up industrial training and internships during the semester breaks. CGPC helps the students to widen up their horizons and achieve their dream jobs. The cell also offers guidance and coaching for GATE examination for the final year students. In addition, information regarding higher education facilities in India and abroad is also made available. Since inception the cell functions very effectively.

### 7.11.1 Career Guidance and Placement Cell Services

- Conduct campus placement drives
- Coordinate off-campus placement drives
- Conduct training and up-skilling programmes
- Conduct higher studies orientation programmes
- Conduct industry awareness events
- Conduct career awareness sessions
- Conduct test and evaluation sessions
- Hold guidance sessions
- Career information dissemination of opportunities, events and programmes and providing support
- Promotion and campaign activities to increase visibility
- Hold inhouse brain storming sessions for operational improvement of the cell
- Coordinate data-collection efforts and create database for Academic data, Aspire data, Recruiter data, Higher Education Institute data, Alumni Data, Parents data and HR data
- Student centered career information support from CGPC database
- Provides platform and enables sessions for linking EDC, IIIC, PTA, Alumni and other student bodies
- Initiate innovative practices and sustain them. Current practices are listed below.

<b>Aspire beta</b>	(knowing 1st & 2nd year students career interest)
<b>Aspire</b>	(knowing career aspiration of students during course)
<b>Employability</b>	(self-assessment of employability by students)
<b>Aspire+</b>	(tracking career progression after graduation)
<b>Career Summit</b>	(meeting the HR)
<b>Alumni Connect</b>	(platform for connecting with Alumni)
<b>Back2Classroom</b>	(Alumni/Faculty interactions with students)
<b>Careers@RIT</b>	(Career mentoring by Alumni, Staff, Parents, HR to our students)
<b>Parent Connect</b>	(Platform connecting Parents with students)
<b>TestMe</b>	(Continuous evaluation of students)
<b>My profile</b>	(Student career profiling)

### 7.11.2 Placement Statistics

<b>2018-19</b>	
Recruiter	Total Offers
Cerium Systems	2
Algomox	6
TATA ELXSI	19
TCS	20
Dexlock	1
Qburst	4
Envestnet	2
Quest	4
Suntec	2
Agile	1
Oracle	2
VVDN	2
Gadgeon	1
Mitsogo	1
Digital Core Technologies	1
IBS	1
Experion	4
Nissan Digital	5
Infosys	16
Wipro	3
Amazon	1
AMAZON	1
CTS	9
South India Bank	1
Byju's App	3
UST	3
<b>Total Offers</b>	<b>135</b>
<b>2019-20</b>	
Recruiter	Total Offers
Oracle	1
Nissan Digital	17
Mitsogo	1
Carestack	8
Dexlock	4
Litmus7	11
Experion	2
TCS	49
QUEST	9
Digital Core Technologies	1
Infosys	30
IBM	1
IBS	5
WIPRO	8
Tata Elxsi	9

Cerium systems	2
Envestnet	1
VVDN	6
6D	1
UST	3
Cypress	1
<b>Total Offers</b>	<b>201</b>
<b>2020-2021</b>	
<b>Recruiter</b>	<b>Total Offers</b>
TCS(IT)	54
Cognizant(IT)	29
VVDN(Core)	8
Guidehouse(IT)	1
Gadgeon(IT)	4
Envestnet(IT)	3
SOTI Technologies(IT)	1
CERIUM(Core)	4
Keyvalue(IT)	8
Mitsogo(IT)	5
Quest-Global(IT)	15
Experion(IT)	12
Technologics(Internship)	1
Travancore Analytics	4
DCT(Core)	2
Byju's App	3
QSpiders	11
PWC	2
Infosys	20
Qburst	6
Litmus7	1
EmbededUR	1
Aspire Systems	4
Ignitarium	1
Carestack	5
UST Global	9
ECS Fin Tech	2
VRIZE	1
GES Infotek	2
<b>Total Offers</b>	<b>267</b>

Prof. Riyas K S, Assoc. Professor, EC Dept. is the Placement Officer, and Dr. Abhilash T Vijayan, Assoc. Professor, EE Dept. is the Asst. Placement Officer

### 7.11.3 Training programmes

Training programs are envisaged with great spirits so far and is still in its course on a high note with experienced faculty from reputed institutions, people from industry and consultancy services, turning up to share their knowledge and experience. Students are given soft skill sessions, quantitative aptitude training and company

specific training. The main areas are Mathematical Puzzles and Logic, Personality Development, Numerical Aptitude and Interactive English. The diverse knowledge acquired from the sessions is a new learning experience for the students and they acquire profound knowledge on corporate expectations and other arenas, thereby improving the employability. Training sessions for pre-final year and final year students are being conducted by reputed firms.

Prof. Shinoj K Sukumaran, Asst. Professor, EC Dept. is the faculty in charge.

## **7.12 CERD Satellite Centre**

The Centre for Engineering Research and Development (CERD) was established by the Government of Kerala in the year 2009 to support the faculty and students of Engineering colleges in Kerala to pursue their interest in fundamental and applied research, develop innovative ideas and assist the faculty to publish and present their technical papers in reputed journals and conferences in India and abroad. Various schemes are implemented by the centre to motivate, mentor and support researchers. The major schemes of CERD include provision of seed money for research to the faculty, student project funding, support for research promotional activities, organising workshops and seminars and to provide research fellowships to students and incentive for publications in peer reviewed journals. The Centre is presently attached to the APJ Abdul Kalam Technological University and the programmes are modulated to achieve the overall goals of the University. The hub centre of CERD is situated in the KTU campus. Satellite centres of CERD are functioning in all Government Engineering Colleges of the State.

A committee of Satellite Centre Programme Implementation Units (SCPIU) was constituted in April 2010 for the implementation of various CERD programmes at RIT, with the Principal as the Chairman. On-going facilities/ programmes under SCPIU are:

- Centre of Excellence - Advanced Digital Signal Processing Research Lab
- Research Seed Money to faculty
- Grant for student project
- Incentives for publication in SCI index journals
- M. Tech thesis contest

Dr. Ciby Thomas, Professor, ME Dept. is the faculty in charge of CERD RIT satellite centre.

## **7.13 Industry Institute Interaction Cell**

Industry Institute Interaction Cell (IIIC) is established to act as a platform to enhance industry institute interaction. III Cell shall explore and identify common avenues of interaction with industry as per the requirements of the institution towards facilitating delivery of engineering solutions to industrial problems and enhancing the competency of the institution. The governance of the cell is through Industry Institute Interaction council chaired by the Principal.

A wide range of activities are conducted under the aegis of III Cell including organising expert lectures, interactive workshops, conferences, seminars, technical discussions, industrial training programmes, orientation courses, industrial visits, industrial exhibitions, research work and a lot more. Both students and faculty of the

college are benefited from the various programmes of IIIC. The organisation provides institutional resources for lab testing, calibration, consultancy, R and D etc. Twenty seven industries in total, including Vettoor constructions, KSRTC workshops, HMT Kalamassery, Cochin Shipyard Ltd., TELK Angamaly, BHEL Hyderabad, TCS, Wipro, BEL Bangalore and CDAC Thiruvananthapuram were identified for students training. III Cell has a major role in MoU between the college and a number of companies/ institutions, viz. RUBCO Pampady, Center for Nano science and Nanotechnology in M.G University, Entuple Technologies, Bangalore, OTTOTRACTIONS (Empanelled Accredited Energy Auditor, Bureau of Energy Efficiency, Government of India), Enfost Design, Bangalore, TryCAE Industrial Engineering Pvt. Ltd., Trichy, TIDE Technocrats Pvt. Ltd., Bangalore, and Radhe Structorepair Pvt. Ltd, Ahmedabad.

Prof. Antony J K, Assoc. Professor, ME Dept. is the faculty in charge of IIIC.

### **7.14 FAB LAB**

A Fabrication Laboratory (FabLab) is a technical prototyping platform for innovation and invention which aims at providing stimulus for local entrepreneurship and serves as a platform for learning and innovation. The FabLab has become a medium for connecting to a global community of learners, educators, technologists, researchers and innovators - essentially becoming a self-sustaining global knowledge sharing network. As part of the initiative by Kerala startup mission and the Technological University, a mini Fablab has been established at RIT. The college Fablab has the following inventories: Laser Cutter, CNC mill, 3D printers, Vinyl plotter, Sand blaster, Electronic components and tools, Molding and casting facilities, and Electronics testing equipments.

Some of the major projects undertaken by the institute Fablab are:

- Napkin Vending Machine
- Mega Sanitiser Dispenser (developed during the COVID-19 pandemic period)
- Fish Scale Remover
- Automatic Paper Vending Machine
- Scaled model of Tripunithura master plan

Also the lab is regularly supporting students in the SAE design competitions. The unmanned aerial vehicles for the Aerodesign challenge contest held by SAE India is completely designed, fabricated and assembled in the Fablab. The start-ups working inside the campus are making use of the lab facilities.

Prof. Antony J K, Assoc. Professor, Mechanical Engg. Dept. is the faculty in charge of FABLAB.

### **7.15 Technical Education Quality Improvement Programme (TEQIP)**

Government of India with financial assistance from the World Bank launched the Technical Education Quality Improvement Programme (TEQIP) as a long term programme, with an objective to strengthen the institutions to produce high quality engineers for better employability. RIT is included in TEQIP phase-II, which started in 2011. The total project outlay for the institution was 10 Crores. The activities under TEQIP is controlled by the Board of Governors (BoG). The institution is ranked

among the best performing TEQIP institutions in Kerala by the State Project Facilitation Unit (SPFU), Govt. of Kerala.

#### **7.15.1 TEQIP activities at RIT**

- Upgradation of existing laboratories and setting up of new labs
- Support research and development activities
- Faculty and staff development
- Promote MoUs and collaborative activities with industry
- Establish finishing schools for professional skill development
- Support remedial and bridge classes for students

Dr. A Ramesh, Professor, ME Dept. is the TEQIP coordinator.

#### **7.16 KTU Cell**

The KTU Cell acts as a facilitation centre for the students and scholars of RIT related to University matters. The individual request from the student is forwarded to the University through this single window system. The accessibility is done through the e-mail address *ktucell@rit.ac.in*. All student requests will be forwarded by the respective staff advisor to this e-mail address. The KTU coordinator of the College, who is in charge of the cell, will forward such requests to the University.

Dr. Rezuana Bai J, Assoc. Professor EC Dept. is the KTU coordinator, and Prof. Nadheera Haneef O, Asst. Professor, CE Dept is the Asst. coordinator. The cell related activities are supported by Ms. Dhanya P S, Computer Programmer, MCA Dept.

#### **7.17 HRD Cell- Counselling and Medical Facility**

The counselling cell of our college has been functioning since 2004. Now the counselling unit is functioning under the auspices of HRD Cell. The objective of the counselling unit is to help the students who are facing any curriculum-related or personal problems. Orientation programs and workshops are organised for students, faculty and staff of RIT, at the beginning of every academic year. Service of a professional counsellor is available in our campus, which can be utilized by everyone, including students, faculty and staff. Counsellor visits the campus on every Tuesday, and can be contacted on phone during emergency. Counselling room (CE206) is located near the Dept. library in the Civil Engineering block. Counselling facility has been continuing in the online mode during the COVID-19 period. Series of motivational talks are also being conducted by the Cell.

A medical unit is also functioning under the Cell, where doctors from Taluk Head Quarters Hospital are attending duty on every Friday (1:30 pm to 4:00 pm). Financial assistance to the counselling/ medical facility is provided by the PTA of RIT.

Dr. Mini Koshy, Assoc. Professor, Civil Engg. Dept. is the faculty in charge of HRD Cell.

#### **7.18 Universal Human Values Cell (UHV Cell)**

The UHV Cell in the Institute is functioning as per guidelines of AICTE. The main objective of this cell is to articulate, refine and share vision and educational goals, particularly those that are related to Universal Human Values. The cell will also try to define indicators or measures related to Universal Human Values goals and activities.



The main activities of the cell will be:

- To ensure proper teaching of UHV-I of Student Induction Program and UHV-II for 2nd year, through oriented faculty members.
- To Conduct weekly meeting of UHV cell Members along with other Faculty Members, staff and students interested in UHV.
- To develop the UHV teachers through advance UHV FDPs and motivate other faculty members, staff and students to attend initial level of UHV workshops.
- To conduct short workshops for faculty members, staff and students.
- To facilitate availability of common teaching assets like books and other study materials.
- To formalize evaluation criteria, exam pattern, projects, term papers etc.
- To keep records and maintain communication with concerned UHV bodies like Nodal Centers, Regional Nodal Center etc.

Dr. Binumol Tom, Dean (UG) is the convener of the cell.

### **7.19 Indian Knowledge System Cell (IKS Cell)**

Indian Knowledge System (IKS) is an innovative cell under Ministry of Education (MoE) at AICTE, New Delhi. We at RIT have cell for Indian Knowledge System with the vision to promote interdisciplinary research on all aspects of Indian Knowledge Systems, preserve and disseminate Indian Knowledge System for further research and societal applications. The mission and functions of this cell are in complete alignment with that of AICTE. Functions of IKS cell are the following:

- To facilitate, coordinate the interdisciplinary work done by various institutions in India and abroad including Universities, institutions of national importance, R&D lab and different ministries.
- Establish, guide and monitor subject wise interdisciplinary research groups comprising of researchers from institutes and centers and individuals.
- Create and promote popularization schemes.
- Facilitate funding of various projects and develop mechanisms to undertake research.

Dr. Binumol Tom, Professor in Arch. Dept. is the coordinator of the cell

### **7.20 Centre for Continuing Education**

The sub-centre of CCE is functioning in RIT from March 2000 onwards. The centre conducts various technical courses, and also provides consultancy service to various government/ private organizations to carry out concrete mix design, soil investigation, analysis of water samples, structural, architectural and transportation designs etc. Various testing works and training programmes are also undertaken through CCE.

Dr. Vinish V Nair, Professor, CE Dept. is the faculty in charge.

## **8. CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES**

### **8.1 Physical Education and Training**

Physical education is a learning experience that offers a unique opportunity in developing physical fitness, promotion of physical and mental health, opportunity for problem solving, enhancement of leadership qualities, self-expression and socialisation. RIT offers all round development of students by giving importance to physical education and sports activities. The department functions in the three-storied building, especially meant for physical education activities.

The indoor facilities available are

- Motorised fitness centre and multi-gym exclusively for girls
- Well-equipped multi-gym with free weights and fitness centre for boys.
- Table tennis Hall
- Yoga Hall
- Provisions for playing Chess and Caroms

The outdoor facilities available are

- Football court
- Basketball court
- Cricket stadium
- Handball court
- Volleyball court
- Athletic stadium with 200m track
- Concrete Cricket nets for practice.

The outdoor facilities are housed in the stadium complex. The total area of the stadium is 150m x 100m.

The following are the major intra-mural competitions conducted every year by the department

- Fresher's cup Football Tournament
- Challenger's cup Cricket Tournament
- Kick-off- Inter class Football Tournament
- County Cricket League
- Smash Volleyball Tournament
- Inter departmental Basketball Tournament
- Fives Football Tournament
- Golazo- Inter-departmental Football Tournament.

The College team participates in different extra-mural competitions organised by the Technological University and other reputed colleges in the state, in the following disciplines:

- Football
- Cricket
- Volleyball
- Basketball
- Shuttle Badminton
- Handball
- Chess
- Athletics

## 8.2 National Service Scheme

The Motto of NSS “Not Me But You”, reflects the essence of democratic living and upholds the need for self-less service. The NSS aims at developing personality through community service. NSS has one unit, bearing Unit No.158, involving strong contingent of 100 volunteers. The unit, which started in 1997, is headed by a programme officer, and assisted by an assistant programme officer and two volunteer secretaries, one each from boys and girls. NSS is assisted by an advisory board consisting of the Principal and all HODs. It has an executive committee consisting of two student representative from each class.

The activities that NSS take up are divided into two categories: i) regular activities, and ii) special camp activities. The regular activities include campus cleaning and beautification, orientation programmes, community visits, tree plantation, educational programmes, celebration of important days, service to public like road construction, awareness classes on the importance of blood donation, blood donation programmes, measures for prevention of AIDS etc. The NSS Unit organises special camps with the help of local bodies. The seven day special camp includes Sramdhan and cultural programme in the selected ward of nearby Grama Panchayaths. NSS also undertake socio-economic and health surveys in selected villages, and remedial measures are suggested based on the data collected. It conducts cultural programmes and invited lectures on environmental and educational subjects. The NSS unit, which has brought a cultural change in the campus, spreads RIT's glory across the state through its noble activities.

Dr. Helen Mary M C, Asst. Professor, EC Dept. is the Programme Officer, and Mr. Mufeed V E, First Grade Instructor, ME Dept., is the Asst. Programme Officer of the Unit.

## 8.3 ISTE Chapter

Indian Society for Technical Education is a national level professional organisation working for the improvement of technical education in the country. It attempts to bring in a total quality change in personnel as well as techniques employed in the field of technical education.

ISTE chapter as well as ISTE Students' chapter, both were established in 1997 in RIT. Both are vibrant bodies in the campus organising a bouquet of programmes. This includes fresher's orientation programmes, mock tests for CAT/ GATE, invited talks etc. Also, gap areas are identified in the curriculum and various workshops on software training, hardware assembling, programming etc. are conducted every year. Workshops on Proteus, Arduino, C programming etc were organized. A national level technical event, 'Bino I Koshy Symposium on Transport Infrastructure for Emerging India' was organised in 2019, and attended by faculty from IITs and NITs, and experts from many other institutions like CRRI etc.

Most of RIT students are members of ISTE Students' chapter. Activities of ISTE Students' chapter are taken up through two major forums promoted, viz., Astronomical Society of RIT and Mechatronics Club. Each club is headed by a team of students passionate in the respective area.

Prof. Jomy Thomas, Asst. Professor, CE Dept. is the faculty in charge.

## 8.4 IEEE Student Chapter

The Institute of Electrical & Electronics Engineers (IEEE) is the world's largest professional organization, spanning over 165 countries with more than 4,00,000 professional members. IEEE student branch of RIT is one of the most vibrant student branch in Kerala Section. It was entitled with Best Student Branch Award 2012 among colleges in Kerala. With a current strength of more than 140 members and more eager students wishing to join in from various trades of engineering, IEEE-RIT student branch has carved out a name for itself ever since its inception in 2006, and has a record of exemplary achievements. In its endeavour to create a rich pool of proficient cast, the student branch successfully moulded many professionals. Presently the branch is prospered with two societal chapters, the industrial application society, and the computer society, and also a woman in engineering affinity group, all groups working relentlessly in harnessing and nurturing the boundless youth potential.

The Student Branch activities are guided by the SB Counsellor along with the student Execom. The Student Branch provides a platform for students who wish to excel in technical and managerial fields. IEEE chapter organizes, workshops, industrial visits, technical quiz 'scientia' and publish newsletter - Techs N' Trends. Apart from these programs, the members attend programs in other colleges also, which are arranged by IEEE student branches under the networking programme called LINK. (IEEE Student Branch Code: 65421, School Code: 45892341).

Dr. A Dolly Mary, Professor, EE Dept. is the faculty in charge.

## 8.5 SAE Chapter

The college chapter of SAEINDIA, started in 2011, aims in enriching the knowledge base of the students of RIT, with developments and innovations in the automotive sector (Mobility Engineering). The chapter increases the benefits of SAEINDIA student membership through special activities that include affiliation with the section and providing students with tangible contact with their future profession. The students themselves through the elected officers administer the chapter activities. The chapter has offered great opportunities and exposure to the students. The students can take part in the factory visits, competitions and workshops organized by SAEINDIA. Following are some of the regular activities of SAE RIT chapter

- SAE Tier I- College level competition
- SAE Tier II- State level competition
- SAE Tier III- South India level competition
- Efficycle competition- since 2013
- Bajah Competition- since 2017
- Aero Design Challenge- since 2019
- Tractor Design Competition- since 2019
- Bicycle Design Competition- since 2019

Prof. Antony J K, Assoc. Professor, ME Dept. is the faculty advisor of the chapter.

## 8.6 Technology Business Incubator

A Technology Business Incubator (TBI) was established as an integral part of the continuing R & D and consultancy services being rendered at RIT. The objectives of the TBI are:

1. To arrange EDP and EMD programmes for the students, professionals and

personnel from industry and to arrange specialized training programmes for industry.

2. To act as a management discussion forum for interaction among participating industries and intellectuals.
3. To arrange web enabled training programs through tie up with institutes of excellence both within and abroad, on the frontier areas of technology.
4. To undertake industry sponsored research.
5. To understand/ identify talents from among the students of RIT and to create a human resources bank for the industry to utilise.
6. To provide all necessary assistance to prospective entrepreneurs, to sharpen their technology, assistance during start up, comprehensive quality assessment, etc.

The incubator will offer minimum general services which will be negotiated and agreed upon in the Memorandum of Understanding (MoU) signed such as laboratory space, office space, communication, computing and printing facilities, access to internet, reception, secretarial assistance, meeting and presentation venues, audio visual equipments, access to financial consultants, legal consultants, accountants and other such facilities deemed required. A project undertaken by RENINE Pvt. Ltd. was completed in 2017.

Dr. Ajeesh Ramanujan, Asst. Professor, CS Dept. is the faculty in charge.

## **8.7 Innovation and Entrepreneurship Development Centre**

Kerala Startup Mission has set up IEDCs in institutions across the State which provide avenues for creative students to transform their innovative ideas into viable products and services. The mission of the IEDC (also called 'Startup Bootcamp RIT') is to "develop institutional mechanism to create an entrepreneurial culture in our institution to foster growth of innovation and entrepreneurship amongst the faculty and students".

The various activities of the IEDC are:

- Organize workshop/ debates
- Familiarize the youth to the latest development in business
- Interactive sessions with successful entrepreneurs
- Provide exposure to national and international events in various parts of the country related to industrial developments.

IEDC run completely by students of the college and consist of an Executive Committee. The IEDC Executive Committee consists of Nodal officer, Assistant Nodal officer and seven student members.

Prof. Sidharthan S, Asst. Professor, ME Dept. is the nodal officer.

## **8.8 Additional Skill Acquisition Programme (ASAP)**

Additional Skill Acquisition Programme (ASAP) Kerala, is a company under the Government of Kerala, that aims at improving the employability of students and reducing the industry-academia gap. RIT has an actively functioning Advanced Skill Development Centre (ASDC) established by ASAP, which periodically conducts

courses and webinars to impart advanced skillset to students. The high-quality remote delivery of ASAP programmes is ensured using the Cisco telepresence solution provided by the Skill Delivery Platform Kerala (SDPK). Various courses like AI/ML, Google Cloud Engineer Certification, Ui-Path Robotic Process Automation and Autodesk Fusion 360 are conducted to equip the students for better career options. During the COVID-19 pandemic related lockdown period, the faculty members of RIT joined hands with ASAP to deliver online classes benefitting the Engineering students across Kerala.

Prof. Sabina M A, Asst. Professor, CS Dept. is the nodal officer of ASAP unit in the institution.

## 8.9 Department Associations

Each department association secretary is elected in the college union elections. MCA Student Representative elected also act as MCA Student Association Secretary. One staff member from each department is in charge of association activities. Association secretary organizes the programmes under the guidance of the staff-in-charge. Funds are collected from students. Additional funds are collected from the sponsors.

<b>Associations</b>	<b>Faculty Coordinator</b>	<b>Contact No.</b>
Civil Engineering	Prof. Shikha Ravi	9746992223
Mechanical Engineering	Prof. Chery A Menamparampan	9846566483
Electrical & Electronics Engineering	Dr. Shanifa Beevi	9447858274
Electronics & Communication Engineering	Dr. Upama Rajan M N	9496379199
Computer Science & Engineering	Dr. Unnikrishnan K	9447504973
School of Architecture	Ar. Tessy Varkey	9846759020
M.C.A.	Prof. Tomsy Paul	9446917617

## 8.10 RIT Alumni Association

The RIT Alumni Association (Reg.No.127/04) started functioning in 2004. The General Body will meet regularly during the month of December every year. The Association has an elected executive committee of one year term. The executive committee will meet once in three months to review the progress of the decisions taken in the General Body. The Association is publishing a quarterly news letter 'VAANI' to explore the College activities and achievements among the alumni. The Association's website link is <http://rit.ac.in/RITAAN>. The Association has an Integrated Alumni Engagement Platform, to connect to each other and with the institution. The Association has given financial support to launch Intranet in the College campus. Issue of scholarships to financially backward students with academic excellence, issue of Best Teacher Award to faculty, participation in charitable activities of the College, giving financial support to conferences and College union, lunch assistance to financially backward students etc. are some of the regular activities of the Association. Open Air Theatre (OAT) of the college is the Silver Jubilee Gift of the RIT Alumni Association.

The objective of the Association is to maintain the contacts of the alumni with alma mater and provide a forum for bringing together the old students of the college, so that they can contribute effectively to the cause of engineering education and research in the country. The association provides opportunities for developing entrepreneurship and practical knowhow among the graduating students and also impart vocational and career guidance to them. All passed out students are requested to register and keep a good contact with the association.

Dr. Jinesh N., Asst. Professor, ME Dept. is the secretary of the Association.

### 8.11 Arts Club

The Arts club secretary is elected from the students. A staff member is in- charge of the Arts club. Cultural activities, competitions etc. are organized within and outside the campus, to develop the inborn talents of students. College union fund is utilized. Additional funds are collected from sponsors.

### 8.12 Sports Club

The Sports secretary is nominated by the college union. A staff member is in charge of sports club. Indoor and outdoor sports items are available in the Physical Education department. Competitions are conducted in the college stadium.

### 8.13 Staff Welfare Committee

The Engineering college staff welfare committee is formed to improve interactions among the staff of the college. Staff welfare committee coordinates the activities of common interest among the staff.

Dr. Abhilash T Vijayan, Assoc. Professor, EE Dept. is the Staff Club Secretary.

### 8.14 Clubs and Committees at a Glance

Name of Committees/ Clubs/Chapters	Coordinator(s)	Contact No.
ISTE	Prof. Jomy Thomas, CE Dept.	9446064474
IEEE	Prof. Dolly Mary, EEE Dept.	9447450333
Mechatronics Club	Prof. Sidharthan S, ME Dept	9995988986
Astronomical Society	Prof. Jomy Thomas, CE Dept.	9446064474
Nature Club	Dr. Bindhu B K, CE Dept.	9447984350
Women's Club		
Tinker Hub	Prof. Unnikrishnan K, CS Dept	9447504973
IEDC Boot Camp	Prof. Sidharthan S, ME Dept	9995988986
Prayana	Prof. Jeena Joy, CS Dept.	8281906898
Bodhi Quiz Club	Prof. Anish Abraham, CS Dept.	9447129261
SAE	Prof. Antony J K, ME Dept.	9446332031
III Cell	Prof. Antony J K, ME Dept.	9446332031
TBI	Dr. Ajeesh Rmanujan, CS Dept.	9495135213
YIP (Young Innovators Programme)	Prof. Antony J K, ME Dept.	9446332031
	Dr. Jinesh N, ME Dept.	9447709636
	Prof. Sidharthan S, ME Dept	9995988986
Swatch Bharath Internship	Prof. Shibu Kumar K B, CS Dept.	9446645071

Unnath Bharath Abhiyan NSS	Prof. Helen Mary M C, EC Dept.	9446219621
Film Club	Dr. Johnson Mathew, EE Dept.	7025424119
	Dr. Bindhu B.K, CE Dept.	9447984350
Dance Club	Prof. Jeena Joy, CS Dept.	8281906898
Music Club	Prof. Sajumon K T, ME Dept.	9446022797



## 9. IMPORTANT TELEPHONE NUMBERS

<b>APJ Abdul Kalam Technological University</b>	
Vice Chancellor	0471-2598222
Pro.Vice Chancellor	0471-2785602
Registrar	0471-2598722
Controller of Examinations	0471-2785626
Dean Research	0471-2785626
Dean Academics	0471-2785638
Support	0471-2593120, 2593128 2590029
Office	0471-2598522
General Email	university@ktu.edu.in
Academic matters	academics@ktu.edu.in
Suggestions	letters@ktu.edu.in
Affiliation	affiliation@ktu.edu.in
Examination	exam@ktu.edu.in
Administration	administration@ktu.edu.in
<b>Mahatma Gandhi University</b>	
Enquiry	0481-2731020, 2733300 2733378
<b>Other Colleges</b>	
College of Engineering, Trivandrum	0471-2515504
Govt. Engg. College Barton Hill Trivandrum	0471-2300485
Govt. Engineering College Thrissur	0487-2334144
Govt. Engineering College Kannur	0497-2780226
Govt. Engineering College Kozhikode	0495-2383220
Govt. Engineering College Palakkad	0492-6260350
Govt. Engineering College Wayanad	0493-5241267
Govt. Engineering College Idukki	0486-2233250
M.A College of Engg. Kothamangalam	0485-2822363
T.K.M College of Engineering Kollam	0474-2712024
N.S.S College of Engineering Palakkad	0491-2555255
<b>Other Offices</b>	
Medical College, Kottayam	0481-2597311
Taluk Hospital, Pampady	0481-2507866
District Hospital, Kottayam	0481-2563612
St.Mary's Hospital, Manarcad	0481-2370177
K.S.R.T.C, Kottayam	0481-2562935, 2562908
Railway Station, Kottayam	0481-2563535
Post Office, Pampady	0481-2505439
Post Office, Velloor	0481-2374439
KSEB Office, Pampady	0481-2505241
Panchayath Office, Pampady	0481-2505323
AG Office, Kottayam	0481-2560407
Sub-Treasury, Pampady	0481-2505495
Police Station, Kottayam West	0481-2567210
Police Station, Kottayam East	0481-2560333
Police Station, Pampady	0481-2505322