



Vision of the Institution :

**To be a Premier Institution of Excellence in Engineering Education and Research for Sustainable Development.**

Mission of the Institution :

- i. Provide Quality Education in Engineering and Technology**
- ii. Foster Passion for Research**
- iii. Transform the Students into Committed Technical Personnel for the Social and Economic Wellbeing of the Nation**

Type of Institution : Government

Category (1) of the Institution

Category (2) of the Institution : Co-Ed

4. Name of the organization running the Institution : Directorate of Technical Education, Govt. of Kerala  
running the Institution

Type of the organization : Government

Address of the organization : Directorate of Technical Education, Trivandrum,  
Kerala

Registered with : NA

Registration Date : NA

Website of the organization : <http://gectcr.ac.in>

5. Name of the affiliating University / Board : APJ Abdul Kalam Technological University &  
University of Kerala

Address : APJ Abdul Kalam Technological University, CET  
Campus, Thiruvananthapuram

Website : [www.ktu.edu.in](http://www.ktu.edu.in), University Of Kerala, Senate

House Campus, Palayam, Thiruvananthapuram – 34

Latest affiliation period 2016-17

6. Name of Principal / Director : Dr. Bindu G R

Exact Designation : Principal

Phone number with STD code : 0487-2334144

FAX number with STD code : 0487-2334590

Email : [principal@gectcr.ac.in](mailto:principal@gectcr.ac.in)

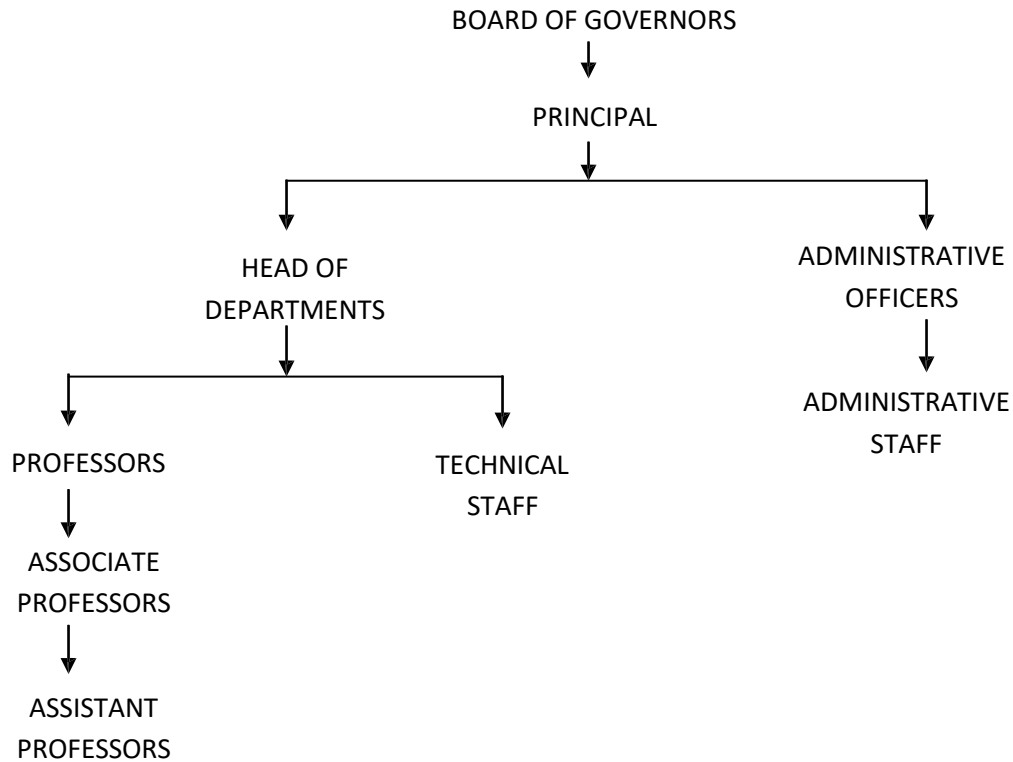
Highest Degree : PhD

Field of Specialization : Electrical and Electronics Engg.

Governing Body Members

SLNO	NAME AND ADDRESS	POSITION IN BoG
1	Dr. Ligy Philip Professor, IIT Madras	CHAIRMAN
2	Dr. Satish Vasu Kailas Professor, IISC Bangalore	MEMBER
3	Sri. Anil Warriar Vice President, SAP Labs	MEMBER
4	Dr. Manjith Kumar B, Professor, Dept. of Production Engineering.	Institutional Member (Senior Faculty)
5	Dr. Lijo V, Professor, Dept. of Mechanical Engineering.	Institutional Member (Senior Faculty)
6	Higher Education Department State Government Nominee	Member (Ex Officio)
7	Government Finance Department State Government Nominee	Member (Ex Officio)
8	Director of Technical Education	Member (Ex Officio)
9	Director SPFU	Member (Ex Officio)
10	University Nominee	Dr. Shalij Dean (Research), KTU
11	AICTE Nominee	Dr. Ramesh Unnikrishnan Regional Officer & Director, AICTE-South Western Regional Office (SWRO), Tvpm
12	Principal of Institution	Member Secretary (Ex-Officio)

## ORGANIZATIONAL CHART



Student feedback mechanism on Institutional Governance / faculty performance :

Yes; We use in-house online software for evaluation of teachers by students which is mandatory for the career advancement of faculty members.

Grievance redressal mechanism for faculty, staff and students :

Yes; Grievance of students as well as faculty if any can be reported to dedicated committee constituted from the senior professors of the Institute and remedial measures are taken by them within minimum duration.

Parent Teacher Association :

The Parent Teacher Association is a non government organization of the parents of all students of the College and the teaching faculty. It is a very active organization working in the College to provide a common forum for interaction of parents and teachers so as to improve facilities for academic excellence. It also

provides special and essential services to the students and the staff.

Some of the major activities of PTA are

- ✓ Provide stationary items for conducting series test for all branches of Engineering
- ✓ Meets the expense towards Identity cards
- ✓ Provides security services to the College, Men’s Hostel, Ladies Hostel and MBA Department
- ✓ Meets the expense towards sending the student’s progress report to parents
- ✓ Provides essential civil and electrical maintenance work to different departments and campus.
- ✓ Provides essential maintenance work to Men’s Hostel and Ladies Hostel
- ✓ Maintenance of Ladies amenity centre
- ✓ Reward the students securing highest mark in all branches
- ✓ Reward the students excelling in academics and extracurricular activities
- ✓ Sponsorship for students participating in Technical Seminars/Conferences outside the College
- ✓ Meets the expense for Campus doctor
- ✓ Provides training for staff advisors to counsel the students
- ✓ Financial assistance to activities like NSS, College Union election, sports and arts

#### 7. PROGRAMMES (UG)

SL NO	NAME OF PROGRAM	NO OF SEATS	DURATION
1	CIVIL ENGINEERING	120	8 SEMESTERS
2	MECHANICAL ENGINEERING	120	8 SEMESTERS
3	ELECTRICAL ENGINEERING	120	8 SEMESTERS
4	CHEMICAL ENGINEERING	60	8 SEMESTERS
5	ELCTRONICS AND COMMUNICATION ENGINEERING	60	8 SEMESTERS
6	COMPUTER SCIENCE ENGINEERING	60	8 SEMESTERS
7	PRODUCTION ENGINEERING	60	8 SEMESTERS
8	ARCHITECTURE	40	10 SEMESTERS

#### PROGRAMMES (PG)

DEPARTMENT	SLNO	NAME OF PROGRAM	NO OF SEATS	DURATION
Civil Engineering	1	<b>Environmental Engineering</b>	18	4 Semester
	2	Water Resources & Hydro informatics	18	4 SEMESTER
	3	Geotechnical Earthquake Engineering	9	4 SEMESTER
	4	STRUCTURAL ENGINEERING	18	4 SEMESTER
Mechanical Engineering	5	Internal Combustion Engines & Turbo Machinery	18	4 Semester
	6	Production Engineering	18	4 SEMESTER
	7	INDUSTRIAL ENGINEERING AND MANAGEMENT	18	4 SEMESTER
Electrical and	7	Power Electronics	18	4 Semester

Electronics Engineering	8	Power Systems	18	4 SEMESTER
	9	ELECTRICAL INSTRUMENTATION AND CONTROL ENGINEERING	18	4 Semester
Chemical Engineering	10	Process Control	18	4 Semester
	11	HEALTH SAFETY AND ENVIRONMENT MANAGEMENT	18	4 Semester
Electronics and Communication Engineering	12	COMMUNICATION ENGINEERING AND SIGNAL PROCESSING	18	4 Semester
	13	VLSI AND EMBEDDED SYSTEMS	18	4 Semester
Computer Science Engineering	14	Computer Science	18	4 Semester
Production Engineering	15	Manufacturing Systems and Management	18	4 Semester
Architecture	16	URBAN PLANNING	18	4 Semester
MCA	17	Master In Computer Applications	30	6 Semester

#### PROGRAMMES (PhD)

SLNO	DEPARTMENT	NAME OF PROGRAM	NO OF SEATS	DURATION
1	CIVIL ENGINEERING	PhD Civil		
2	MECHANICAL ENGINEERING	PhD Mechanical		
3	ELECTRICAL ENGINEERING	PhD Electrical		
4	CHEMICAL ENGINEERING	PhD Chemical		
5	PRODUCTION ENGINEERING	PhD Production Engineering		
6	MATHEMATICS	PhD Mathematics		

#### 8. Facilities

- 8.1 Central Library
- 8.2 Centralized Computing Facility
- 8.3 EDUSAT
- 8.4 IRAC
- 8.5 College Bus
- 8.6 College Hostel
- 8.7 Centre For Continuing Education
- 8.8 Ideator
- 8.9 Oasis
- 8.10 Indian Society for Technical Education (ISTE)
- 8.11 National Service Scheme (NSS)

8.12 Technology Business Incubation cell (TBI)

8.13 FAB Lab

8.14 FOSS Club

9. Scholarships offered:

10. DEPARTMENT'S DETAILS

A. CIVIL ENGINEERING

Name of the Department	CIVIL ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B.Tech in Civil Engineering</li> <li>✓ M.Tech in Environmental Engineering , Water Resources and Hydro Informatics, Geotechnical Earthquake Engineering, Structural Engineering</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			
Professional Society Memberships			
Professional activities			

B. MECHANICAL ENGINEERING

Name of the Department	MECHANICAL ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B.Tech in Mechanical Engineering and Industrial Engineering</li> <li>✓ M.Tech in Internal Combustion Engines and Turbo Machinery, Production Engineering, INDUSTRIAL ENGINEERING AND</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			



Professional Society Memberships	
Professional activities	

C. ELECTRICAL AND ELECTRONICS ENGINEERING

Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B.Tech in Electrical and Electronics Engineering</li> <li>✓ M.Tech in Power Electronics, Power Systems, ELECTRICAL INSTRUMENTATION AND CONTROL ENGINEERING</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			
Professional Society Memberships			
Professional activities			

D. CHEMICAL ENGINEERING

Name of the Department	CHEMICAL ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B.Tech in Chemical</li> <li>✓ M.Tech in Process Control, Health Safety and Environment Management</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			

Professional Society Memberships	
Professional activities	

E. ELECTRONICS & COMMUNICATION ENGINEERING

Name of the Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B.Tech in Electronics and Communication Engineering and Applied Electronics</li> <li>✓ M.Tech in Communication Engineering and Signal Processing , VLSI and Embedded Systems</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			
Professional Society Memberships			
Professional activities			

F. COMPUTER SCIENCE AND ENGINEERING

Name of the Department	COMPUTER SCIENCE AND ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B. Tech in Computer Science and Engineering,</li> <li>✓ M.Tech in Computer Science</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			

Foreign Collaborations, if any	
Professional Society Memberships	
Professional activities	

#### G. PRODUCTION ENGINEERING

Name of the Department	PRODUCTION ENGINEERING		
Course	<ul style="list-style-type: none"> <li>✓ B.Tech in Production Engineering</li> <li>✓ M.Tech in Manufacturing Systems and Management, Engineering Design (Proposed)</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			
Professional Society Memberships			
Professional activities			

#### H. ARCHITECTURE

Name of the Department	ARCHITECTURE		
Course	<ul style="list-style-type: none"> <li>✓ B.Arch</li> <li>✓ M. Arch in Urban Planning</li> </ul>		
Level	UG & PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake UG			
Year wise Sanctioned intake PG			
Year wise actual admissions UG			
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			

Professional Society Memberships	
Professional activities	

I. MASTER IN COMPUTER APPLICATION

Name of the Department	MASTER IN COMPUTER APPLICATION		
Course	Masters in Computer Applications		
Level	PG		
1 <sup>st</sup> year of approval by the Council			
Year wise Sanctioned intake PG	30(2016-17)	30(2017-18)	30(2018-19)
Cut off marks			
% students passed with Distinction			
% students passed with First Class			
Students placed			
Average pay package, Rs./Year			
Students opted for Higher Studies			
Accreditation status of the course			
Doctoral Courses			
Foreign Collaborations, if any			
Professional Society Memberships			
Professional activities			

11. TEACHING STAFF DETAILS

