

GOVERNMENT ENGINEERING COLLEGE

THRISSUR



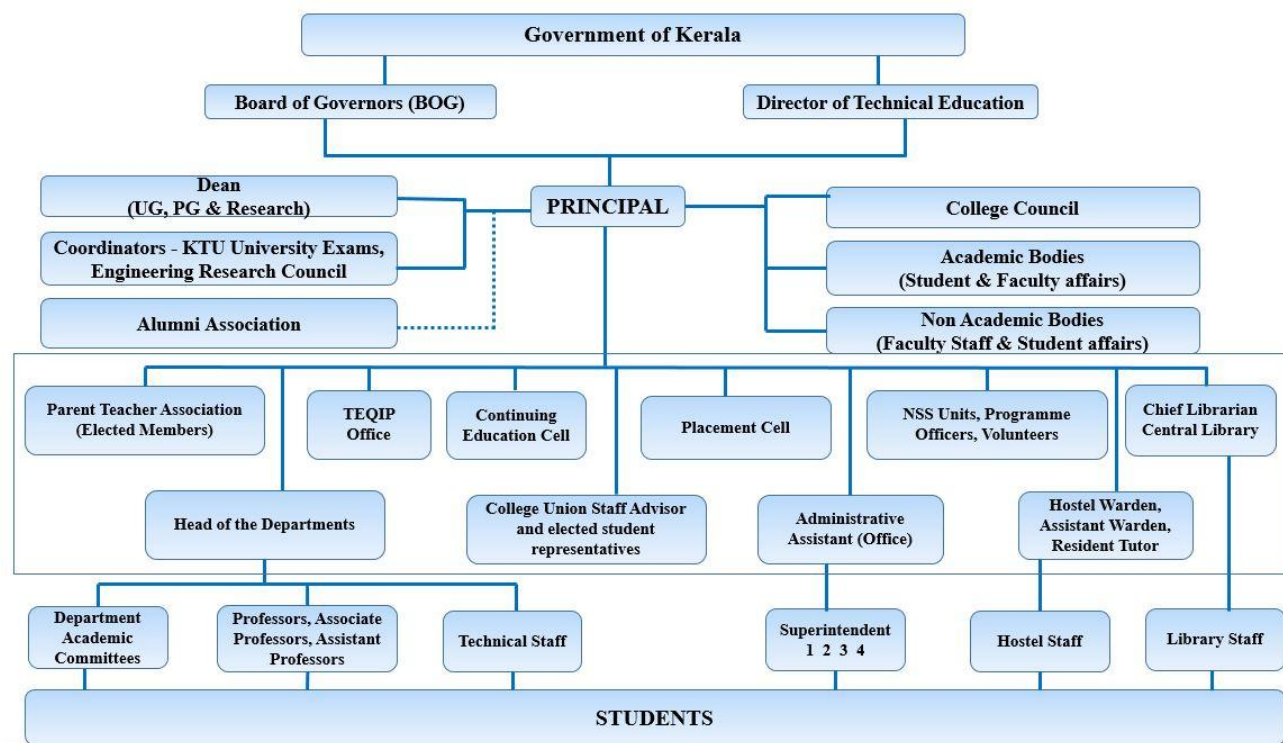
MANDATORY DISCLOSURE

1. Name of the Institution:	Government Engineering College Thrissur Engineering College PO, Ramavarmapuram Thrissur, Kerala State, Pin Code-680009 Phone number with STD code – 04872334144 Email - principal@gectcr.ac.in Website - http://gectcr.ac.in
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2. Name and address of the trust / Society / Company and the trustees:	Directorate of Technical Education - Govt. of Kerala Thiruvananthapuram, Kerala State, Pin Code-695023 Phone number with STD code – 0471 2561200 Email – info@dtekerala.gov.in Website – http://dtekerala.gov.in
3. Name of Principal:	Dr. Lijo V. Phone number with STD code - 0487-2334144 Email - principal@gectcr.ac.in
4. Name of the affiliating University / Board:	APJ Abdul Kalam Technological University CET Campus, Thiruvananthapuram University Of Kerala, Senate House Campus, Palayam, Thiruvananthapuram –34 Website - www.ktu.edu.in

5. Governance

5.1 Organizational Chart



5.2 Grievance Redressal mechanism for Faculty, staff and students

Grievance of students as well as faculty, if any, can be reported to a dedicated committee constituted from the senior professors of the institute and remedial measures are taken by them within minimum duration. The link for registering the grievances online is provided in the college website

5.3 Establishment of Anti Ragging Committee	Yes, The Anti-ragging Committee has been constituted in the college for the security of students and to inculcate the sense of humanism and equality among students. The Principal is the Ex-officio Chairman of the Committee. A senior faculty member, nominated by the Principal is the Convener of the Committee. The hostel wardens, PTA President and Secretary, two representatives from the Students Union, Sub-Inspector of Police of the local Police Station and an external Advocate Member are the members of the committee.
5.4 Establishment of Online Grievance Redressal Mechanism	Online complaints may be lodged after logging into the website: https://gectcr.ac.in/grievance/index.php?a=add
5.5 Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University	Yes, The College has a Grievance Cell in the college level. The Principal is the Ex-officio Chairman of the Grievance Cell. The cell comprises a Convener (a senior faculty member), four members nominated by the Principal among the staff members in the college, two representatives from the students union, the PTA vice-president and an external member.
5.6 Establishment of Internal Complaint Committee (ICC)	An Internal Complaints and Anti Sexual Harassment Committee exists with teaching as well as non-teaching faculties and students as members from the college. In addition, a practicing advocate of eminence is also a member of the committee.
5.7 Establishment of Committee for SC/ST	Yes
5.8 Internal Quality Assurance Cell	Yes
5.9 Equal Opportunity facilities Cell	

6. Programmes

6.1 Details of Programmes approved by AICTE

Course Name	No of Seats	Du rat ion	Cut off marks/rank of admission during the last years
UNDER GRADUATE			
COMPUTER SCIENCE AND ENGINEERING	60	4	https://cee.kerala.gov.in/ke m2023/list/lastrank/last_rank_p5_provi.pdf

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	60	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
CHEMICAL ENGINEERING	120	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
CIVIL ENGINEERING	120	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
CYBER PHYSICAL SYSTEMS	60	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
ELECTRICAL AND ELECTRONICS ENGINEERING	120	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
ELECTRONICS & COMMUNICATION ENGINEERING	120	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
MECHANICAL ENGINEERING	120	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
PRODUCTION ENGINEERING	60	4	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
POST GRADUATE			
COMPUTER SCIENCE AND ENGINEERING	18	2	As per government norms
WATER RESOURCES AND HYDRO INFORMATICS	18	2	As per government norms
MASTERS IN COMPUTER APPLICATIONS	60	2	As per government norms
POWER SYSTEMS	18	2	As per government norms
PRODUCTION ENGINEERING	18	2	As per government norms
COMMUNICATION ENGINEERING AND SIGNAL PROCESSING	18	2	As per government norms
INTERNAL COMBUSTION ENGINES AND	18	2	As per government norms

TURBO MACHINERY			
MANUFACTURING SYSTEM MANAGEMENT	18	2	As per government norms
POWER ELECTRONICS	18	2	As per government norms
PROCESS CONTROL	18	2	As per government norms
ENVIRONMENTAL ENGINEERING	18	2	As per government norms
GEOTECHNICAL ENGINEERING	9	2	As per government norms
URBAN PLANNING	18	2	As per government norms
HEALTH SAFETY AND ENVIRONMENT MANAGEMENT	18	2	As per government norms
STRUCTURAL ENGINEERING	18	2	As per government norms
ENGINEERING DESIGN	18	2	As per government norms
ELECTRICAL INSTRUMENTATION AND CONTROL ENGINEERING	18	2	As per government norms
VLSI AND EMBEDDED SYSTEMS	18	2	As per government norms
INDUSTRIAL ENGINEERING AND MANAGEMENT	18	2	As per government norms
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	18	2	As per government norms
ROBOTICS AND AUTOMATION	18	2	As per government norms

6.2 Details of Programmes Accredited by NBA

3 PG programs are accredited by NBA till June 2026

- M.Tech Environmental Engineering
- M.Tech Power Systems
- M.Tech Process Control
- M.Tech Computer Science and Engineering

2 PG programs are accredited by NBA till June 2025

- M.Tech Power Electronics (Electrical) till June 2025
- M.Tech Manufacturing Systems & Management (Production Engineering) upto June 2025
- M.Tech Water Resources and Hydro Informatics

5 UG programs are accredited by NBA till June 2026.

- B.Tech Civil Engineering

- B.Tech Chemical Engineering
- B.Tech Production Engineering
- B.Tech Computer Science and Engineering
- B.Tech Electrical and Electronics Engineering

2 UG programs are accredited by NBA till June 2025

- B.Tech Mechanical Engineering
- B.Tech Electronics and Communication Engineering

6.3 Fee (as approved by the state government)

As per government norms

6.4 Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details, if any.

N. A

7. Faculty Details

CIVIL ENGINEERING		
Permanent Faculty		
1	Dr. Seena P.	Professor and Head
2	Dr. Subaida E.A.	Professor
3	Dr. Sreelekha M.G.	Professor
4	Dr. Meera V.	Professor
5	Dr. Gopakumar R.	Professor
6	Prof. Anilkumar P.S.	Associate Professor
7	Prof. Reeba Thomas	Associate Professor
8	Dr. Padmakumar G.P.	Associate Professor
9	Dr. Sreela P.K.	Associate Professor
10	Dr. Preethi P.	Associate Professor
11	Dr. Miji Cherian R.	Associate Professor
12	Dr. Salini S.	Associate Professor
13	Prof. Sudha C.P.	Associate Professor
14	Dr. Sosamony K.J.	Associate Professor
15	Prof. Anand Lali Neera	Associate Professor
16	Prof. Bindu G.	Associate Professor
17	Prof. Meena John M.	Associate Professor
18	Dr. Sivan P.P.	Assistant Professor
19	Prof. Smitha Mohan K.	Assistant Professor
20	Prof. Seema A.G.	Assistant Professor (Under QIP Deputation)

21	Prof. Bindu A.G.	Assistant Professor
22	Prof. Sreedevi V.M.	Assistant Professor (Under QIP Deputation)
23	Prof. Manu Devassy	Assistant Professor
24	Prof. Deepak B.	Assistant Professor
25	Prof. Ajayakumar V.T.	Assistant Professor
26	Prof. Divya B. Mathew	Assistant Professor
27	Prof. Jiji Gopan V.G.	Assistant Professor
28	Prof. Jikhil Joseph	Assistant Professor
29	Prof. Remya Retnan	Assistant Professor
30	Prof. Maneeta Sukumaran	Assistant Professor
31	Prof. Anu Krishnan U.	Assistant Professor
32	Prof. Sandeep M.N.	Assistant Professor
33	Dr. Anish A.U	Assistant Professor in Geology

MECHANICAL ENGINEERING DEPARTMENT

Permanent Faculty

1	Prof (Dr). V. Lijo	Professor
2	Prof (Dr) Ramesh A	Professor
3	Prof(Dr) Manesh K K	Professor
4	Prof (Dr) Rajesh Vanchipura	Professor and Head
5	Prof (Dr) L Rekha	Professor
6	Prof (Dr). Ambilikumar C K	Professor
7	Prof (Dr). Sajith Babu	Professor
8	Prof (Dr) Soman A R	Professor
9	Prof (Dr). Pramode Das K	Associate professor
10	Prof (Dr). Sandhya M	Professor
11	Prof (Dr). Mubarak A K	Professor
12	Prof (Dr) Anjan R Nair	Associate professor
13	Prof (Dr). Bindu M D	Associate professor
14	Prof Jayee K Varghese	Associate professor
15	Prof Manoj P.J.	Associate Professor
16	Prof Tennison K. Jose	Assistant Professor
17	Prof (Dr). Sunil Jerome	Assistant Professor
18	Prof. Lijju Lukose	Assistant professor
19	Prof Rahul.K.R	Assistant Professor
20	Prof Sajith.C.Subramanian	Assistant Professor
21	Prof (Dr). Bijesh R	Assistant Professor
22	Prof Anwar Sadique	Assistant Professor
23	Prof (Dr).Madhusoodanan M R	Assistant Professor
24	Prof Karun V Gopal	Assistant Professor
25	Prof Prasanth A B	Assistant Professor

26	Prof Renjith V B	Assistant Professor
27	Prof Jerry Davis T	Assistant Professor
28	Prof Devanand C N	Assistant Professor
29	Prof Ajayavarma K	Assistant Professor
30	Prof Rahul N U	Assistant Professor
31	Prof Ajith C Menon	Assistant Professor
32	Prof Akhil Devaraj	Assistant Professor
33	Prof Arun Raj A C	Assistant Professor
34	Prof Sahid I	Assistant Professor
35	Prof Sreekumar CR	Assistant Professor
36	Prof Vivek M	Assistant Professor

ELECTRICAL ENGINEERING DEPARTMENT		
Permanent Faculty		
1	Dr. Manju B.	Professor & Head
2	Dr. Jaison Mathew	Professor
3	Dr. Jiji K.S.	Professor
4	Dr. Bindumol E. K.	Professor
5	Dr. Suhara E.M.	Professor
6	Dr. Abdul Saleem P.K	Associate Professor
7	Dr. Sunila M.S	Associate Professor
8	Dr. Suresh K. Damodaran	Associate Professor
9	Dr.Uma Syamkumar	Associate. Professor
10	Dr. Rajesh K.	Associate Professor
11	Jose Sebastian T.K	Associate Professor
12	T.G. Sanishkumar	Associate Professor
13	K.N.Chandrabose	Associate Professor
14	Subadhra P. R.	Associate Professor
15	Dr. Laly M.J.	Associate Professor
16	Haryhar A.S.	Associate Professor
17	Binoy B. B.	Asst. Professor (Deputation under QIP)
18	Nevin Jacob K.	Assistant Professor
19	Jayasoorya J.	Asst. Professor (Deputation under QIP)
20	Lalgy Gopi	Asst. Professor
21	Madhu V	Assistant Professor
22	Dr. Nakul Narayanan K	Assistant Professor
23	Dr. Avinash Nelson A	Assistant Professor
24	Sunny K P	Assistant Professor
25	Midhu Das B	Asst. Professor
26	Sreenath B	Asst. Professor
27	Aswathy V	Assistant Professor
28	Vipin A M	Assistant Professor

29	Mohammed Shareeq M T	Assistant Professor
30	Jeena John	Assistant Professor
31	Bijo Lawrence T	Assistant Professor
32	Nimi N P	Assistant Professor
33	Anu Jayan	Assistant Professor
34	Muhammed Salih U P	Assistant Professor

CHEMICAL DEPARTMENT FACULTY

Permanent Faculty

1	Dr. Sajeena Beevi B.	Associate Professor & HOD
2	Dr. Fasnabi P.A	Associate Professor
3	Dr. Praseetha P. Nair	Associate Professor
4	Dr. Manilal A M	Assistant Professor
5	Dr. Padmavathy K. S.	Associate Professor
6	Dr. Subin Poulose	Associate Professor
7	Prof. Manoj.N	Associate Professor
8	Prof. Ajeesh K. N	Associate Professor
9	Dr. Haseena P.V	Assistant Professor
10	Prof.Saurabh Sahadev	Assistant.Professor
11	Dr. Mercy Anna Philip	Assistant Professor
12	Prof. Ranjana. R	Assistant. Professor
13	Prof Sachithra K	Assistant Professor (on QIP at IIT Chennai)
14	Prof Syama S.	Assistant Professor (on QIPat IIT Chennai)
15	Prof. Shyja M	Assistant Professor

PRODUCTION DEPARTMENT FACULTY

Permanent Faculty

1	Dr. Haris Naduthodi	Professor
2	Dr. Manjith Kumar B	Professor
3	Dr. Jayasree N	Associate Professor
4	Dr. Bobby K George	Associate Professor and HOD
5	Dr. Sujatha I	Associate Professor
6	Dr. Sunil D T	Assistant Professor
7	Umarali K	Assistant Professor
8	Arun C	Assistant Professor
9	Anil Rajagopal K P	Assistant Professor (QIP deputation)
10	Aju S S	Assistant Professor QIP deputation)
11	A R Harikumar	Assistant Professor

ELECTRONICS & COMMUNICATION DEPARTMENT FACULTY

Permanent Faculty

1	Dr. A R Jayan	Professor
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2	Dr. Celine Mary Stuart	Professor
3	Dr. Roy Francis	Associate Professor and Head
4	Dr. Nelson K J	Associate Professor
5	Dr. Premanad B	Associate Professor
6	Dr. Job Chunkath	Associate Professor
7	Shamla B	Associate Professor
8	Latha K N	Assistant Professor
9	Riyas K S	Assistant Professor
10	Riyas K K	Assistant Professor
11	Asha J	Assistant Professor
12	Sudheer T M	Assistant Professor
13	Vijeesh V	Assistant Professor
14	Sooryan J S	Assistant Professor
15	Dr. Deepak S	Assistant Professor
16	Sophia Susan John	Assistant Professor

COMPUTER SCIENCE DEPARTMENT

Permanent Faculty

1	Dr.Gilesh P	Professor
2		
3	Helen K J	Associate Professor & HOD
4	Dr. Vipinkumar K S	Associate Professor
5	Dr. Dileesh E D	Assistant Professor
6	Dr. Ezudheen P	Assistant Professor
7	Rahamathulla K	Assistant Professor
8	Princy Ann Thomas	Assistant Professor
9	Soni P	Assistant Professor
10	George Mathew	Assistant Professor
11	Bisna N D	Assistant Professor
12	Panchami V U	Assistant Professor
13	Joby N J	Assistant Professor

Master in Computer Application

Permanent Faculty

1	Dr. Sminesh C N	Associate Professor
2	Dr. Jayasree M	Associate Professor
3	Soumia Chandran	Assistant Professor
4	Husain Ahamed P	Assistant Professor
5	Raseek C	Asst. Professor
6	Sankaranarayanan P N	Asst. Professor

DEPARTMENT OF MATHEMATICS**Permanent Faculty**

1	Ms. Padmaja K	Assistant Professor
2	Dr. Viswanath C. Narayanan	Professor and HOD
3	Mr. M. P. Rajan	Assistant Professor
4	Ms. Sindu Mathew P	Assistant Professor
5	Dr. Seema Varghese	Associate Professor
6	Ms. Sathi P. H	Assistant Professor
7	Francis A. A	Assistant Professor
8	Dr. Sajeev S Nair	Associate Professor
9	Dr. Gopakumar B	Associate Professor
10	Dr Beena P	Assistant Professor

DEPARTMENT OF PHYSICS**Permanent Faculty**

1	Dr. Raghu O	Associate Professor and HOD
2	Vasanthakumar E.G	Assistant Professor
3	Rajesh P. M.	Assistant Professor
4	Ramesh V. R.	Assistant Professor
5	Prasanth P	Assistant Professor
6	Athira K	Assistant Professor

DEPARTMENT OF CHEMISTRY**Permanent Faculty**

1	Dr. P. Venugopalan	Professor
2	Dr. Bindu T.K	Associate Professor
3	Dr. Shaju K. S.	Associate Professor
4	Dr. Vinod P. Raphael	Associate Professor & Head of the Department
5	SARITHA V.S	Assistant Professor
6	RESHMA P.R.	Assistant Professor
7	Umadevi T. U.	Assistant Professor

DEPARTMENT OF ECONOMICS		
Permanent Faculty		
1	Rajesh P	Assistant Professor

DEPARTMENT OF PHYSICAL EDUCATION		
Permanent Faculty		
1	Dr. SHEJIN K. V.	Associate Professor and HOD
2	Dr. Sreekala K G	Associate Professor

8 Profile of Principal

i. Name	Dr. SATISH K. P
ii. Date of Birth	
iii. Unique ID	
iv. Education Qualifications	B.Tech (Production Engineering), MBA (Operations Management) Ph.D, (Faculty of Engineering, Indian Institute of Science, Bangalore)
v. Work Experience	Ten Years with manufacturing organizations in the area of Production Management Sixteen years in academics in the area of Management and Engineering education both at degree, post graduate levels and PhD levels, and continued now. Approved PhD Research Guide in Production Engineering of University of Calicut and APJAKTU with one research scholar submitted theses and four research scholars currently pursuing research. Programme in Charge, IGNOU Programme Study Centre, 1429(P), Government Engineering College, Thrissur – 680009.
vi. Teaching/ Research/ Industry/ Others	
vii. Area of Specialization	
viii. Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	
ix. Research guidance	

(Number of Students)	
x. No. of papers published in National/International Journals/Conferences	Twelve International Journal papers , Sixteen International/National Conference papers
xi. Master (Completed/Ongoing)	Yes
xii. Ph.D. (Completed/Ongoing)	Yes
xiii. Projects Carried out	
xiv. Patents (Filed & Granted)	
xv. Technology Transfer	
xvi. Research Publications (No. of papers published in National/International Journals/Conferences)	Twelve International Journal papers , Sixteen International/National Conference papers
xvii. No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	

9

Fee

i. No. of Fee waivers granted with amount and name of students	As per the government norms
ii. Number of scholarship offered by the Institution, duration and amount	As per the government norms

10 Admission

i. Number of seats sanctioned with the year of approval	As per the government norms
ii. Number of Students admitted under various categories each year in the last three years	As per the government norms
iii. Number of applications received during last year for admission under Management Quota and number admitted	N.A

11 Admission Procedure

i. Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)	Kerala Engineering Architecture Medical (KEAM) entrance test https://cee.kerala.gov.in/cee/index.php?url=in
ii. Number of seats allotted to different Test Qualified candidate separately (AIEEE//JEE/ CET (State conducted test/ University tests/ CMAT)/ Association conducted test etc.)	As per the government norms
iii. Calendar for admission against Management quota seats	N.A
iv. Last date of request for applications	As per the government norms
v. Last date of submission of applications	As per the government norms
vi. Dates for announcing final results	As per the government norms
vii. Release of admission list (main list and waiting list shall be announced on the same day)	As per the government norms
viii. Date for acceptance by the candidate (time given shall in no case be less than 15 days)	As per the government norms
ix. Last date for closing of admission & Starting of the Academic session	As per the government norms
xi. The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	As per the government norms

i. Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	As per the government norms
ii. Mention the minimum Level of acceptance, if any	N.A
iii. Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years	https://cee.kerala.gov.in/keam2023/list/lastrank/last_rank_p5_provi.pdf
iv. Display marks scored in Test etc. and in aggregate for all candidates who were admitted	Refer the portal https://cee.kerala.gov.in/cee/index.php?url=in

12 Criteria and Weightages for Admission

13 List of Applicants

List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)

As per the government norms. <https://cee.kerala.gov.in/cee/index.php?url=in>

i. Composition of selection team for admission under Management Quota	N.A
ii. List of candidate who have been offered admission	N.A
iii. Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	N.A

14 Results of Admission under Management seats/Vacant seats

15 Information of Infrastructure and Other Resources Available

i. Departmental facilities

Room No.	Room type (mention Class Room/Laboratory, etc.)	Carpetarea (in m ²)
101	Classroom	49
102	Classroom	49
105	Laboratory	220
106	Laboratory	64
123	Classroom	25
136	Classroom	85
208	CADCenter	200
209	Classroom	40
210	Classroom	70
211	Classroom	40
213	Classroom	150
25	TutorialRoom	48
26	TutorialRoom	48
2Fstd	ResourceCentre	143.56
300	Classroom	80
303	Classroom	80
304	Classroom	100
305	CADCenter	165
306	Classroom	105
307	Classroom	80
308	Classroom	176
309	Classroom	100
312	Classroom	69
A1	Classroom	72
A2	Classroom	72
A3	Laboratory	90
A4	TutorialRoom	75
A5	SeminarHall	85
Ac1	TutorialRoom	67.89
Ac10	Classroom	67.89

Ac11	ComputerLaboratory	67.89
Ac12	Laboratory	67.89
Ac2	Classroom	67.89
Ac3	Classroom	67.89
Ac5	Classroom	67.89
Ac6	Classroom	67.89
Ac7	Classroom	67.89
Ac9	Laboratory	137.64
Aeelab	Laboratory	70
Amphi	Seminar Hall	480
Analys	Laboratory	170
Ar-Amphi	Art Court	129.23
Ar-Matlab	Research Laboratory	58.73
Ar-Mmlab	Research Laboratory	28.11
Ar211	Laboratory	35.16
Arch- Seminarhall	Seminar Hall	143.56
B1	Tutorial Room	40
B208	Classroom	70
B3	Classroom	70
Beelab	Laboratory	120
C-12	Classroom	61.88
C-13	Classroom	61.88
C-14	Classroom	61.88
C-15	Classroom	61.88
C-16	Classroom	61.88
C-17	Classroom	60
C-21	Seminar Hall	120
C-22	Tutorial Room	60
C-23	Studio / Display Room	120
C-3	Classroom	61.88
C-4	Classroom	61.88
C-5	Classroom	60
C-6	Classroom	61.88
C-7	Other	125.664
Cadlab	Laboratory	100
Carpen	Workshop	120
Ccf-Ff	Computer Centre	140
Ccf-Gf	CAD Center	236
Ccf1	Computer Centre	236
Ce201	CAD Center	64
Ceee11	Classroom	42.27
Ceee12	Tutorial Room	42.27
Ceee13	Other	42.27
Ceee5	Classroom	42.27
Ceee6	Classroom	42.27

Ceee7	Other	42.27
Ch15	Classroom	61.38
Chsem	Seminar Hall	120
Comlab	Laboratory	82
Compu	Additional Workshop	230
Computer Lab1	Computer Laboratory	65
Cs308	Seminar Hall	104
Cse106	Tutorial Room	74
Cse107	Classroom	74
Cse109	Laboratory	99
Cse206	Classroom	74
Cse207	Laboratory	99
Cse208	Laboratory	99
Cse209	Other	26
Cse300	Tutorial Room	74
Cse306	Tutorial Room	74
Cse307	Seminar Hall	74
Cseoe1	Classroom	74
Cseoe2	Classroom	74
Dll	Language Laboratory	68
Draw	CAD Center	170
E1	Classroom	75
E2	Classroom	75
E3	Classroom	60
E4	Classroom	55
Ece102	Laboratory	135
Ece103	Laboratory	135
Ece104	Seminar Hall	108
Ece105	Workshop	51
Ece109	Classroom	50
Ece110	Seminar Hall	162
Ece201	Classroom	54
Ece203	Laboratory	135
Ece204	Laboratory	134
Ece205	Classroom	108
Ece206	Tutorial Room	108
Ece210	Other	162
Ece301	Laboratory	54
Ece303	Laboratory	54
Ece304	Laboratory	135
Ece305	Classroom	108
Ece306	Classroom	108
Ece310	CAD Center	216
Ee-Pe1	Classroom	70
Ee-Pe2	Classroom	70

Eee-A	Classroom	90.64
Eee-A3	Classroom	90.64
Eee-A5	Classroom	90.64
Eee-B3	Tutorial Room	90.64
Eee-B5	Classroom	90.64
Eee-B7	Classroom	90.64
Eee-C	Laboratory	90.64
Eee-S	Seminar Hall	132.48
Eeelib	Other	81
Electl	Laboratory	120
Elews	Workshop	530
Envlab	Laboratory	203
Exib	Workshop	83.01
Fablab	Laboratory	143.56
Fittin	Workshop	120
Fmlab	Laboratory	500
Foundr	Workshop	120
Geolab	Laboratory	220
Gislab	Computer Laboratory	78.56
Helab	Laboratory	450
Hi Lab	Additional Workshop	63
Htlab	Laboratory	260
Hvlab	Laboratory	65
Ieeeli	Tutorial Room	21.6
Indlab	Laboratory	56
Instla	Laboratory	250
Labcad	Laboratory	179
Libeee	Other	90.64
Librar	Other	100
M1	Classroom	72
M2	Classroom	72
M3	Classroom	72
M4	Tutorial Room	72
M5	CAD Center	81
M8	Tutorial Room	48
M9	Seminar Hall	72
Machin	Laboratory	575
Matest	Laboratory	108
Matlab	Laboratory	131
Mca-Lab-1	Computer Laboratory	111.48
Mcshop	Workshop	640
Me06	Other	60
Med1	Classroom	68.8
Med2	Classroom	68.8
Med3	Classroom	68.8

Med4	Classroom	68.8
Med5	Classroom	68.8
Med6	Classroom	68.8
Metlab	Laboratory	56
Mmroom	Workshop	37.13
Mmuesm	Workshop	37.13
Mplab	Laboratory	80
Mplan-Std1	Studio	143.56
Mtlab	Laboratory	130
Pclab	Laboratory	170
Pe Lab	Additional Workshop	70
Pe1	Classroom	56
Pe101	Classroom	55
Pe103	Tutorial Room	58
Pe108	Seminar Hall	62
Pe2	Classroom	56
Pe3	Classroom	56
Pe4	Classroom	56
Pe5	Classroom	56
Pe6	Classroom	56
Pedh1	CAD Center	138
Pelab	Laboratory	70
Pelib	Other	82
Pesh1	Seminar Hall	138
Pg-301	Classroom	80
Pg-303	Laboratory	80
Pg-304	Classroom	80
Pg-305	Classroom	37.5
Pg-306	Classroom	37.5
Pg-Cc	Computer Centre	40
Pg201	Classroom	40
Pg202	Classroom	40
Pgb1	Tutorial Room	81
Pgb10	Tutorial Room	123
Pgb2	Tutorial Room	81
Pgb3	Tutorial Room	81
Pgb4	Tutorial Room	81
Pgb5	Tutorial Room	40
Pgb6	Tutorial Room	40
Pgb7	Tutorial Room	40
Pgb8	Tutorial Room	40
Pgb9	Tutorial Room	40
Pghall	Seminar Hall	111.48
Pglec	Tutorial Room	58.72
Pgsh	Seminar Hall	40

Pgshall	Seminar Hall	81
Pmlab	Laboratory	260
Prodla	Laboratory	82
Ps1	Classroom	47
Ps2	Classroom	60
Pslab	Laboratory	92
Reflab	Laboratory	250
Rii	Tutorial Room	50
Riii	Classroom	108
Riv	Classroom	108
Roomi	Classroom	100
Rv	Laboratory	108
Sem Hall	Seminar Hall	150
Semh	Seminar Hall	190
Seminar Hall	Multi-Purpose Hall	166.84
Sheetm	Workshop	70
Smithy	Workshop	120
Somlab	Laboratory	275
Std1	Studio	96.18
Std1-CI	Classroom	47.37
Std2	Studio	96.18
Std2CI	Classroom	47.37
Std3	Studio	96.18
Std3-CI	Classroom	47.37
Std4	Studio	96.16
Std4-CI	Classroom	47.37
Std5	Workshop	143.56
Survla	Laboratory	102
Techla	Additional Workshop	130
Tranla	Laboratory	120
Ug Lab	Laboratory	143.56
Waphi	Seminar Hall	480
Weldin	Workshop	70
Wshop	Laboratory	149.45

ii. Common facilities

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpetarea (in m ²)
108	Library&ReadingRoom	60
CCF-FF	ComputerCenter	140
CCF-GF	ComputerCenter	236
CE106	Library&ReadingRoom	60

CSE-LIB	Library&ReadingRoom	20		
DLL	LanguageLaboratory	68		
LIB-BB	Library&ReadingRoom	300		
LIB-FF	Library&Reading Room	400		
LIB-GF	Library&Reading Room	40		
ME102	Library&Reading Room	55		
PE-101A	Library&Reading Room	60		
PE105	Library&Reading Room	72		
PE203	Library&Reading Room	60		
vi. Online examination facility (Number of Nodes, Internet band width, etc.)				
vii. Barrier Free Built Environment for disabled and elderly persons				
viii. Fire and Safety Certificate				
ix. Hostel Facilities				
x. Number of Library books/ebooks/Titles/Journals available (Programme-wise)				
Sl. No	Subject	Volumes	Titles	Reference
1	Civil (624-628.5)	7039	3558	933
2	Mechanical (621.4-621.999)	10597	6451	558
3	Electrical (621.3-621.379)	6911	3611	228
4	Chemical (660-669.999)	4839	2671	320
5	Production (670-681.76041)	3068	1481	162
6	Electronics (621.381-621.396)	7765	4054	371
7	Computer Science (001-006.9)	8824	4297	330
8	Architecture (710-729.9)	3197	1486	662
9	Engineering General (620-620.9)	5419	4271	737
10	Management (658-659)	2890	2047	211
11	Mathematics (510-529)	4094	3121	123
12	Physics (530-539.7)	1875	894	55

13	Chemistry (540-549)	1371	955	170
14	Others (800-899) Literature	895	895	
	Total	68784	39792	4860

xi. List of online National/International Journals subscribed

List of E-JournalsSubscribed

The following E- journals are also access through Knimbus Platform.

<i>Name of E-Journals</i>	<i>Number of Journals Subscribed</i>
American Society of Civil Engineers(ASCE)	39
American Society of Mechanical Engineers (ASME)	31
Science Direct	776

Open Access (Free Access)

<i>Name of Open access e-Journals</i>	<i>Number of Journals Subscribed</i>
ACM Digital Library (ACM)	126
American Chemical Society (ACS)	17
American Institute Of Physics(AIP)	7
Bloomsbury Collcetions	13
Cambridge University Press	27
Fiction ebook	567
Institute of Physics (IOP)	16
JSTOR	696
Nature	12

	Oxford University Press(OUP)	27
	Pub Med	99
	Royal Society of Chemistry (RSC)	3
	Springer	764
	Taylor and Francis	142
	Wiley Online Library	109
	World Scientific	93
	Audio Books	1
	Study Tools	1
	Knimbus Open ebooks	5493
	Knimbus Open Journals	5196

xii. National Digital Library (NDL) subscription details

Name: GECTCRLIBRARY

Login ID: librarian@gectcr.ac.in

xiii. List of Major Equipment/Facilities/ Experimental Setup in each Laboratory/Workshop including PG course

DEPARTMENT OF ELECTRICAL ENGINEERING		
LAB FACILITIES (GENERAL)		
Sl. No:	Lab/Workshop name	List of equipments/facilities
1	Control system lab	Shunt generator&motor with field rheostat and starter
		Dc shunt motor
		Stepper motor
		DSO
		Function generator
2	Power system lab	Computer
		MATLAB
		Power quality analyser
		Scada based transmission line simulator
		Cyme software
		Psim simulation software
3	Electrical Machines	Dc series,shunt&compound motor

	lab	Dc shunt&compound generator
		1&3 phase transformer
		Slip&squirrel cage induction motor
		Synchronous motor
		Alternator
4	Analog&Digital electronics lab	Dso
		Function generator
		Regulator dc power supply
		Digital analog trainer kit
		CRO
5	Power electronics lab	Winding machine
		Dc power supply
		Dso
6	Micro processor&control lab	8085 kit
		8086 kit
		8051 kit
		Aurdino kit
7	Electrical Measurement lab	Auto transformer
		3 phase variable inductor
		RTD&lvdt
		1phase transformer
8	Electrical Workshop lab	Drilling machine
		Lathe machine
		Circular bench saw
		Shearing machine
		Electrical accessories
9	Computer lab	Computer
		ups
10	Apj research lab	Two wheeled mobile robot
		Work station
		Ups
		Inverter
		Ev drive controller
		Solar simulator
PG		
Sl.No	Title of the PG course	Laboratory facilities exclusive to the PG course
1	Power system lab	Computer
		Power quality analyser
		Scada based transmission line simulator
		Cyme software
		Psim simulation software
		Power quality analyser
		Scada based transmission line simulator
		Cyme software
		Psim simulation software
		Scada based transmission line simulator

		Cyme software
		Psim simulation software
		Cyme software
		MATLAB
		MINI TAB - 17 Statistical Analysis software.
2	Advance power electronics lab	DSO
		function generator
		CRO
		Dc power supply
		MATLAB
		MINI TAB - 17 Statistical Analysis software.
DEPARTMENT OF CHEMICAL ENGINEERING		
LAB FACILITIES		
Sl. No:	Lab/Workshop name	List of equipments/facilities
1	Chemical Technology and Environmental Engineering Lab	Red Wood Viscometer
		Flash & fire point Apparatus
		Incubator shaker
		Laminar Air flow Chamber
		Microcontroller based BOD monitor
		COD Digester
		Hot Air Oven
		Water Bath
		Flocculator
2	Fluid and Particle Mechanics Lab	Fluidized Bed Column
		Centrifugal pump
		Pipe friction
		Orifice Meter
		Venturi Meter
		Packed Bed Apparatus
		3 Minor Losses Apparatus
3	Particle Technology Lab	Ball Mill
		Vibrating Screen
		Thickener Model
		Rotary Drum vacuum filter
		Leaf filter
		Cyclone separator
		Hammer mill
		Seive shaker
4	Heat Transfer Operations Lab	Autoclave
		Sweanson Walker crystalliser
		Double pipe heat exchanger
		Shell and tube Heat exchanger
		Finned tube Heat exchanger
		Evaporator Model
		Stefan Boltzman Apparatus
		Critical Radius Apparatus
		Muffle Furnace
		Vacuum Oven
		Natural Convection Setup
		Tray Dryer

		Spray Dryer
5	Process Control Lab	Two tank Interacting and Non-interacting System
		Control Valve Characteristics
		Thermocouple
		Single tank System
		U tube Manometer
6	Mass Transfer Operations Lab	Fractionating column
		Steam distillation Apparatus
		Simple Distillation Apparatus
		Wetted Wall column
		Soxhelet Apparatus
		Orbital Shaker
7	Chemical Reaction Engineering Lab	Diffusivity Apparatus
		Plug flow reactor
		Mixed flow reactor
		Combined flow reactor
		Recycle bed Reactor
		Packed bed reactor
8	Process Simulation Lab	Pyrolysis Unit
		Magnetic Stirrer
		MATLAB
		DWSIM
PG		
Sl.No	Title of the PG course	Laboratory facilities exclusive to the PG course
1	Process Control	Universal Testing Machine
		HPLC system along with Accessories
		Fluorescence Spectrometer
		Total Organic Carbon Analyzer
		DSC/TGA system
		Rheometer with accessories
		Coupled tank system with dynamic simulation software
		Gaussian 16 software
		MINI TAB - 17 Statistical Analysis software.
2	Health Safety and Environment management.	Universal Testing Machine
		HPLC system along with Accessories
		Fluorescence Spectrometer
		Total Organic Carbon Analyzer
		DSC/TGA system
		Rheometer with accessories
		Coupled tank system with dynamic simulation software
		Gaussian 16 software
		MINI TAB - 17 Statistical Analysis software.
		MATLAB
LIST OF LABORATORY EQUIPMENTS FOR B. TECH CIVIL ENGINEERING		
Sl. No:	Lab/Workshop name	List of equipments/facilities
1	MATERIAL TESTING LAB I	100 T Universal Testing Machine
		400 kN Universal Testing Machine
		30 T Universal Testing Machine
		600 kN Computer controlled Servo hydraulic

		Universal Testing Machine
		100 T Compression Testing Machine
		Torsion testing machine
		Torsion pendulum apparatus
		Brinell hardness testing machine
		Rockwell hardness testing machine
		Vicker's hardness testing mashine
		Spring testing machine
		Load cell of Laumas make, model CL 60000
		Data Acquisition System
		Piezoelectric hammer and accelerometer
		Impact testing machine
2	TRANSPORTATION ENGINEERING LAB	Brookfield Viscometer
		Ductility Apparatus
		LOS Angeles Abrasion Machine
		Aggregate Impact Tester
		Marshall Apparatus
		Vertical Autoclave
		Penetrometer
		Tile Abrasion Machine
3	ENVIRONMENTAL ENGINEERING LAB	PC based atomic absorption spectrophotometer
		Spectrum 2 FTIR spectrometer
		PC based double beam UV-Visible spectrophotometer
		Centrifuge
		Sonicator
		Digital Nephelometer
		water quality analyser 371
		Sound level meter
		Flame photometer
		Muffle furnace
		Autoclave
		COD reactor
		BOD incubator
		Electronic balance
		Digital pH meter
		pH color comparator
		Micro controller based pH system
		Jar test apparatus
		TDS/conductivity meter
		Double distillation unit
		Hot air oven
		Vacuum pump
		Magnetic stirrer
		Hotplate
		Respirable dust sampler
		Water bath
		Chest freezer
		Digital orbital shaker
		Air pump
		Photometer
4	MATERIAL TESTING LAB II	Compression testing machine of capacity of 300T
		Compression testing machine of capacity of 200T
		Compression testing machine of capacity of 500kN

		Compression testing machine of capacity of 250kN
		Vicat Apparatus
		Le-Chatelier's Apparatus
		Accelerated Curing Tank
		Water bath Apparatus
		Rebound Hammer
		Aggregate Crushing Value Apparatus
		Vibrating Machine
		Electric Oven
		Flexure Testing Machine
		Sieve Shaker
		Concrete Mixing Machine
		Digital Mortar Mixture Machine of capacity 4.74 l
		Concrete Permeability Test Apparatus
		Loading frame
		Blaine's Apparatus
		Pile Integrity Test
		Pundit Lab Ultrasonic Pulse velocity meter
		LVDT range 50mm, 20mm, 10mm
		Load Cell 100kN, 500kN
		Concrete Penetrometer
		J Ring Apparatus
		L Box Apparatus
		V Funnel Apparatus
		U Box Apparatus
		Flow table Apparatus
		Concrete Crack Microscope
		Hydraulic Jack 50kN, 100kN, 250 kN
5	SURVEY LAB	Chain-30 m
		Chain-20 m
		Compass and accessories
		Dumpy Level and accessories
		Theodolite and accessories
		Total Station
		Automatic Level
		Digital Level
		Handheld GPS
Plane table with accessories		
6	CIVIL ENGINEERING PLANNING AND DRAFTING LAB	HARDWARE
		Desktop Computers
		Laptops
		Printers
		Projectors
		SOFTWARE
		AutoCAD (Academic License)
		REVIT (Academic License)
		Primavera (Propreitary License)
		Navisworks (Academic License)
		StaadPro (Propreitary License)
SW-DTM (Open Source)		
7	CIVIL WORKSHOP	Micrometer
		Water level tube plastic flexible pipe
		Water level hose

		Vernier caliper 6"
		Micrometer 0.25
		Vernier caliper 150mm
		Tape-10m
		Water level hose 8mm
		Plumb bob
8	GEOTECHNICAL ENGINEERING LAB	Standard Proctor Test Equipment
		Morified Proctor Test Equipment
		Consolidation Test Apparatus
		Permeability Test Apparatus
		Unconfined Compression Test Apparatus
		Direct Shear Test Apparatus
		Triaxial Shear Test Apparatus
		Vane Shear Test Apparatus
		California Bearing Ratio Test Apparatus
		soil sample Extruder
		Electronic consolidometer
		Microprocessor based Load frame
		Digital Triaxial Shear Testing Apparatus
		Pressure Volume Controller
		Point load Index Tester for Rock
		Static Cone Penetrometer
		Pneumatic Control Panel
		Automatic free fall SPT Hammer
		Cyclic Triaxial Shear Testing Apparatus
		Loading frame
PG		
Sl.No	Title of the PG course	Laboratory facilities exclusive to the PG course
1		GasChromatograph -Spec:Column oven,temperaturerange5°C aboveambient temperature to 45 °C, Detectors: FID,TCD, To separate the chemical components ofsample mixture.
2		Atomic absorptionspectrophotometer Spec: Double beam with air/acetylene/nitrousoxide, wavelength range: 185-900nm; spectralbandwidth-0.2 to2nm,Toanalysecompounds insolution.
3	Environmental EngineeringPG/Research Laboratory	PC based double beamspectrophotometer-UV-VIS Spec: Wavelength range-200 nm-1000nm,Repeatability- ±0.5 nm, Resolution-0.1nm, Todeterminetheamountof lightabsorbedbyacompoundpresentinasample
4		Digitalorbitalshakerincubator Spec: Speed range- 30 to 350 rpm, Shakingamplitude->25, Temperaturerange-1Cto70 degC, For mixing of biological liquids for incubationandcultivation.

5		<p>BOD incubator Spec: Temperature range-5°C to 60°C, Accuracy- ±0.5°C, CFC free compressor & refrigerant, For determining levels of organic matter and nitrogen in wastewater.</p>
6		<p>Fluoridimeter Spec: Fluoride range-0.050 to 0.500 mg/l, temperature range-0°C to 50°C, For measuring total fluoride content in water.</p>
7		<p>Oxytop Spec: Measuring range-0-40, Measuring principle- respirometric type, Direct digital BOD measurement.</p>
8		<p>COD test-tube heater Spec: Temperature range- 10°C to 160°C, Capacity- 25 vials, To determine the chemical oxygen demand.</p>
9		<p>Membrane filter Spec: Filter unit is made in transparent polysulfone, Good resistance to strong acids, aliphatic alcohols, To separate microorganisms from water sample</p>
10		<p>Jar test apparatus/flocculator Spec: Variable speed control from 25 ppm to 150 ppm, Stainless steel stirring paddles 1" x 3", For flocculation process</p>
11		<p>Multipara Water quality analyser Spec: pH- range -0 to 14 pH, resolution -0.01 pH, DO- range-0.1 to 20 ppm, resolution- 0.1 ppm, Salinity- range- 0.1 to 40 ppt, resolution -0.1 ppt, TDS- range- 0.1 uS to 100 mS, accuracy- ±1% of FS ±1 digit, Turbidity- range -0 to 1 NTU, For measuring water quality parameters</p>
12	Environmental Engineering PG/Research Laboratory	<p>Digital Nephelometer Spec: Range 0-100, 100-1000 NTU, Power- 230v, 50Hz, For measuring turbidity in water.</p>
13		<p>Digital pH meter Spec: Range- 0-14 pH, Resolution- 0.01 pH, Accuracy- ±0.01 pH, For measuring pH of sample</p>
14		<p>Digital conductivity meter Spec: Range- 0 to 20, 200 µS, Accuracy- 1% of range, For measuring the electrical conductivity of solution</p>
15		<p>Autoclave Spec: Working pressure- 20 lbs/sq, Temperature-</p>

		about 121°C, To decontaminate biological waste, and sterilize media, glassware etc.
16		COD apparatus Spec: Hole size - 500ml flask capacity, RB flask and condenser, To determine the chemical oxygen demand.
17		Doubledistillationunit Spec: Output capacity-1.5 Litre/hr, pH-6.9-7, To produce distilled water.
18		Iron analyser Spec: Process temperature -4 to 40°C, Measurement range- 0.05 to 2mg/l Fe, 0.1 to 5mg/l Fe, 0.1 to 5mg/l Fe, To determine iron concentration in sample
19		Sonicator Spec: Power rating -750 Watts, Frequency - 20±2KHz, For mixing solutions and removed dissolved gases from liquids.
20		Muffle furnace Spec: Max temperature- 1100 to 1400°C, Heating element- silicon carbide rods, For high temperature laboratory heating
21		Colorimeter Spec: Photometric range -0.1 - 1.99 Abs, Repeatability- +/-0.01 Abs, Detector- photodiode, To determine concentration of a solution.
22		FT-IR Spectrometer Spec: Spectrum Two FT-IR with S.A Power cord -18 AWG, UTTR HR spectrum Two, spectrum Two KBr window kit
MCA		
Sl.No	Title of the PG course	Laboratory facilities exclusive to the PG course
1	MCA	2 Labs - 1 Programming Lab and 1 Project Lab
		Programming Lab
		Intel Core i5 based Desktop Computers - 36 No.s
		10 KVA Online UPS Backup - 1 No.
		Project Lab
		Intel Core i5 based Desktop Computers - 12 No.s
		Intel Core i3 based Desktop Computers - 20 No.s
		10 KVA Online UPS Backup - 1 No.
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING		
LAB FACILITIES		
Sl. No:	Lab/Workshop name	List of equipments/facilities
1	VLSI Lab	Desktop computers
		VIVADO
		SPIDER
		ORCAD

2	Electronics Workshop	thermal soldering station
		CRO
		DSO
		power supply
		function generator
		tools
		multimeter
3	Communication Lab	DSO
		CRO
		function generator
		power supply
		IC tester
		am trainer kit
		fm trainer kit
4	Electronics Circuit Lab	multimeter
		Dso
		Function generator
		Regulated dc power supply
		Digital analog trainer kit
		CRO
		volt meter
5	Computer Lab	ammeter
		computer
		bar code scanner
		Code Composer Studio
		stepper motor
		DAC
		8051 kit
6	Digital Electronics Lab	DSP KIT-TMS-320
		Analog & digital trainer kit
		universal ic tester
		CRO
		function generator
		multimeter
7	Telematics & Microwave Lab	DSO
		Micro Wave Benches
		Vector Network Analyser
		Spectrum
		optical trainer
		function generator
		arbitrary function generator
8	Project Lab	Multimeter true RMS
		ECG Machine
		EEG Machine
		DSO
		oscilloscope
9	Research Lab	multimeter
		Desktop computers
		Workstation
		Matlab
		Cadence

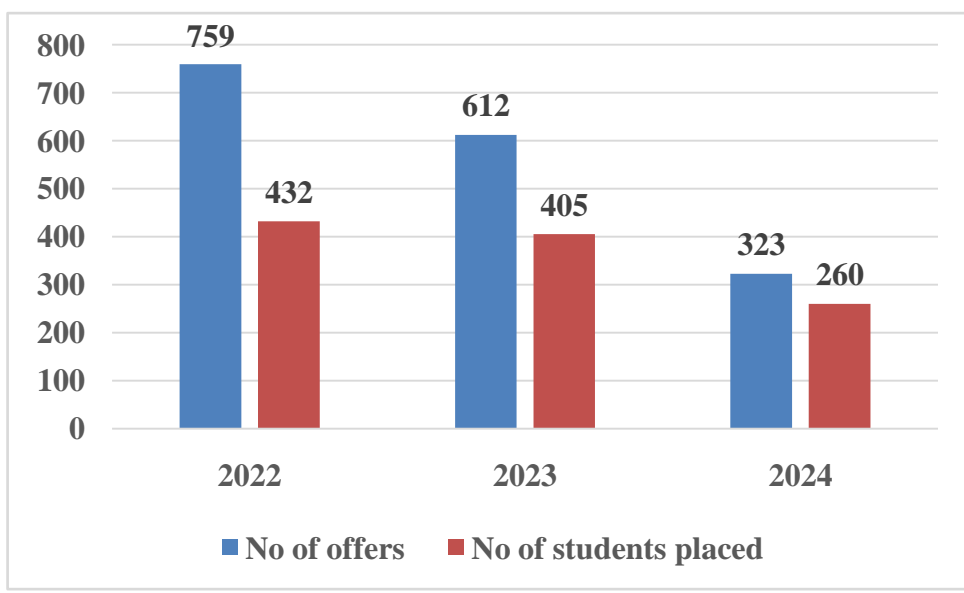
		UPS
10	power electronics lab	power supply
		electronic load
		power analyser
		current probe
		power scope meter
		lvdt trainer
		temperature control trainer
		thermocouple trainer
		pressure transducer trainer
		function generator
		oscilloscope
		power scope
		rheostat
		true rms multimeter
auto transformer		
PG		
Sl.No	Title of the PG course	Laboratory facilities exclusive to the PG course
	VLSI & EMBEDDED SYSTEM	Desktop computers
		VIVADO
		SPIDER
		Cadence
		Matlab
		DSO
		oscilloscope
		ORCAD
	COMMUNICATION ENGINEERING AND SIGNAL PROCESSING	ECG Machine
		EEG Machine
		Desktop computers
		Workstation
		Matlab
		DSO
		oscilloscope
		multimeter
	ROBOTICS AND AUTOMATION	6 AXIS MANIPULATORS
		DEPTH CAMERA
		ACOUSTIC CAMERA
		ROVER
		COLLABORATIVE ROBOT
		DSO
		oscilloscope
xiv. Innovation Cell		
xv. Social Media Cell		
xvi. Compliance of the Academic Bank of Credit (ABC), applicable to PGCM/ PGDM Institutions and University Departments		
xvii. To upload the respective short video (1-2 min) of Infrastructure and facilities available w.r.t the courses in the website		

xviii. Games and Sports Facilities

Sl No	Sports & Games Facilities
1	Athletic Stadium with Gallery
2	400 Meters Standard Athletic track and field with eight lanes
3	Standard Football Field
4	Hockey Field
5	Multipurpose Court (Basketball, Volleyball, Lawn Tennis)
6	Separate Gymnasium for both Boys and Girls)
6	Six Table Tennis Board
7	Sports and Games:-Cricket, Football, Basketball, Volleyball, Chess, Softball, Kabaddi, Kho-Kho, Shuttle Badminton, Tug of war, Handball, Karate, Yoga and Athletics (Track and Field)

xix. Teaching Learning Process

16 and details of the last 3



Enrolment placement students in years

17 List of Research Projects/Consultancy Works

Sl. No	Title of the Project	Investigator/s	Funding Agency	Amount (Rs)
1	Investigations on properties and biocompatibility of hydroxyapatite and titanium diboride reinforced MgAZ91D magnesium alloy hybrid composites	Dr. K K Ramachandran, Dr. Arun M S	AICTE/R PS	895266
2	Development of hybrid bionano composite cellulose derivatives/Hydroxyapatite matrix for controlled release of NPK fertilizers	Dr. Praseetha P Nair, Dr. Subin Poulose	KSCSTE (ETP)	1500000

3	Investigation on ultrasound –assisted removal of heavy metals from water using oxide/Zeolite nanocomposites.	Dr.Mercy Anna Philip., Asst.prof.,	TEQIP	200000
4	Preparation and characterisation of carbon supported catalyst from Industrial by products for conducting Oxidation/Reduction Reactions	Ms.Ranjana R., Asst.Prof.,	TEQIP	200000
5	The effect of varying fuel injection pressure on the performance and emission in a diesel engine fuelled with coconut Testa biodiesel	Mr.Tennison K.Jose., Asst.prof.,	TEQIP	200000
6	Investigation on Dissimilar friction stir welding of Aluminum Alloys AA 7050-T7651 and AA5083-H111	Mr.Renjith V.B., Asst.Prof.,	TEQIP	200000
7	Experimental Investigations on prestressed cold formed steel beams	Mr.Jikhil Joseph., Asst.Prof.,	TEQIP	200000
8	South Indian Classical music synthesis using machine learning techniques	Dr.Sinith M.S., Asst.prof.,	TEQIP	200000
9	“Development of polymer nanocomposites with enhanced mechanical and biological properties”	Dr.Praseetha P.Nair., Asso.Prof.,	TEQIP	200000
10	“Mechanical Characterization of AA-6061 hybrid metal matrix composite fabricated by stir casting using Novel Impeller”	Mr.Prasanth A.B., Asst.prof.,	TEQIP	200000
11	“Synthesis, Characterization and photocatalytic applications of semiconductor photocatalytic systems”	Ms.Umadevi T.U., Asst.Prof.,	TEQIP	200000
12	Metal complexes of aroylhydrazones and its biological applications”	Ms.Reshma P.R., Asst.Prof.,	TEQIP	200000
13	Effect of Web slenderness on torsional buckling behavior of monosymmetric I section subjected to end moments	Ms.Divya B Mathew., Asst.Prof.,	TEQIP	200000

18 MoUs with Industries:<https://gectcr.ac.in/industry-institute-interaction/>