Jyothi Engineering College

NAAC Accredited college with NBA Accredited programmes

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKKATTIRI P.O., CHERUTHURUTHY, THRISSUR PIN-679531 PH: +91-4884-259000, 274423 FAX : 04884-274777

NBA Accredited B. Tech Programmes in Computer Science & Engineering,Electronics & Communication Engineering, Electrical &Electronics Engineering and Mechanical Engineering valid for Academic Years 2016-2017 to 2018-2019

www.jecc.ac.in | E-mail : info@jecc.ac.in

CREATING TECHNOLOGY LEADERS OF TOMORROW

ESTD 2002

Welcome

Lead Kindly Light...

CORE VALUES

Faith In God & Man

Love of Fellow beings

Belief in Universal Citizenship

Moral Integrity

Social Commitment

Hand Book 2018-2019

NAAC Accredited college with NBA Accredited & B.Tech HONOURS Programmes

Jyothi Engineering College

Important Telephone Numbers

Secretary	+91-4844-259256
Asst. Manager (A & A)	9526964455
Asst. Manager (Finance)	7561888515, +91-4844-259257
Administrator	+91-4844-259254
Principal	+91-4884-259255
Asst. Administrator 1	+91-4884 308402
Chief Warden	9526964455
Warden Boys' Hostel	7561888515, 7561014455
Warden Girls' Hostel	9747672276

Contact Address

Vettikkattiri P O, Cheruthuruthy
Thrissur - 679 531, Kerala, India
e-mail : info@jecc.ac.in
Website : www. jecc.ac.in
Ph : +91-4884 259000, 274198
Fax : 04884 274777

Working Time

College	9.00 - 4.30 p.m.
Office	9.00 - 5.00 p.m.
Library	9.00 - 7.30 p.m.
Computer Centre	9.00 - 7.30 p.m.
Canteen	8.30 - 4.30 p.m.

APPROVAL & ACCREDITATION	
Accrediation by NAAC	Jyothi Engineering College is accredited by National Assesment and Accreditaion Council (NAAC)
Accreditation by NBA	CSE, ECE, EEE & ME Depts. of Jyothi Engineering College are accredited by the National Board of Accreditaion (NBA) from June 2016 to June 2019
Accreditation by IEI	CSE, ECE, EEE & ME Departments of Jyothi Engineering College are accredited by the Institution of Engineers (India)
Educational Member	Jyothi is a Institutional member of the Indian Society for Technical Education, New Delhi (ISTE), Institution of Engineers (India), Kolkata, and Computer Society of India (CSI), Institute of Electrical and Electronics Engineers (IEEE), Society of Automotive Engineers (SAE-India), Institution of Electronics and Telecommunication Engineers (IETE), Indian Concrete Institute (ICI)
Campus Partnership	With Infosys Campus connect, Wipro Mission X10, UST Global, ICT Academy of Kerala
TBI	Approved by Kerala Startup Mission, KSUM (Formerly Technopark, Kerala)
BEC (Business English from CAMBRIDGE)	Approved Training Center No: IN008

Academic Road Map of

JYOTHI ENGINEERING COLLEGE

(A Christian Minority Institution under the Catholic Archdiocese of Thrissur)

Jyothi Engineering College, Cheruthuruthy (JECC) is a state-of-the-art Engineering College, conforming to international standards. This college is approved by AICTE, vide order South-West Region / F.No. 06/06/KER/ENGG/2002/92 dated 27-05-2002 and affiliated to the APJ Abdul Kalam Technological University, Kerala. JECC is an NACC (B++) accredited college with NBA accredited programmes in CSE, ECE, EEE and ME till June 2019.

The Road Map designed for Jyothi for the next decade envisages an eight fold increase in student intake with more UG Courses, related PG Programmes and advanced research in highly emerging fields. This will enable the students enrolled in Jyothi to fulfill their ambition of gaining a Ph.D. in any of the engineering disciplines they have studied. From the present status of a conventional engineering college, Jyothi hopes to make a quantum leap into that of an advanced technology and research centre in collaboration with international institutions of repute, eventually transforming itself into a full fledged Deemed Technological University. The courses offered for the academic year 2018-19 are B.Tech in CE (60), CSE (120), ECE (120), EEE (60), ME (120) and Mechatronics (60) making a total annual in take of 540. Our M.Tech programmes include courses in Power Electronics (18), Computer Science & Engineering (18), Communication Engineering & Signal Processing (18) and Transportation Engineering (18).

Our Vision

"Creating Technology Leaders of Tomorrow"

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

Our Mission

- To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of-the-art facilities,
- To equip the students with appropriate skills for a meaningful career in the global scenario.
- To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.
- To participate in the development of society through technology incubation, enterpreneurship and industry interaction.

STUDENT PROFILE

Name _____

Branch & Sem. _____ *Roll No.* _____

Communication Address _____

_____

Tel No. _____ *Mail* _____

Date of Birth _____ *Blood Group* _____

Parent's name and address _____

_____

Profession _____

Tel No _____ *Mob:* _____

In case of emergency, please inform _____

Tel No. _____

Group Advisor _____

Date _____ *Signature* _____

Jyothi Anthem

"Never fading ever flowing waves made in love in the heart
stirring through the storm,
Jyothiyans lead the way to the shining light within the heart
We shall hold our hands together rise and shine,
To light the dreams of truth and love
Khushi bare is palmein,
sama judhakar chalthe hum
Kabhi Koina rokhe,
Kshama jalakar chalthe hum Kabhi na choote,
yeh risthey sargam
dhilke Kabhi natoote,
yeh lamhe yaari palkey Kabhi na chode,
yeh sapne khwaish karke
Jyothi ek nayi ehsaski barish pyaari hey,
Roote jo sapne, woh milthe joyothimein
Yaaro hum ab gaaye miljulke ek dhun mein. Hum chale.....
Asathoma sadgamaya Thamasoma jyothirgamaya
Mruthyorma, Amritham gamaya" (2)

The Anthem means:

Never fading, ever flowing waver are made with love in the heart-stirring through the storm, Jothian's lead the way to the shining light within the heart. We shall hold our hands together, rise and shine, To light the derams of Truth and Love. In this moment of happiness we move together, let none stop us, lighting the torch we walk on. Never let us part, this bond of music in the heart. Never let it break, these moments of friendship, Never let it leave us, these dreams of hope. Jyothi is the new experience, the rain of love. Lost dreams are retrieved in Jyothi. Friends let us sing together in one voice as we walk on from ignorance to knowledge, from darkness to light, from death eternity.

[The Jyothian Anthem came into being, created by the out going students of 2012 (Under the leadership of Fr. Roy Josep Vadakkan and the CS department). The anthem begins in English the international language of communication. It then shifts to Hindi the national language of India and ends in Sanskrit the langage of our cultural heritage.]

CONTENTS

i.	Academic Road Map of Jyothi	4
ii.	Vison and Mission	4
iii.	Student Profile	5
iv.	Jyothi Anthem	6
v.	Contents	7
vi.	Genesis of the College	8
1.	Management & Committees	9
2.	Courses Offered	21
3.	College Council	22
4.	Academic Council	22
5.	Course Regulations (B.Tech & M.Tech)	26
6.	General Information to Students	56
7.	Campus Facilities	58
8.	Professional Bodies & Clubs	71
9.	Activities	84
10.	Class Tutors for the Academic Year 2018-19	85
11.	Outcome Based Education Framework for UG Programmes	88
12.	Bloom's Taxonomy of Educational Objectives	95
13.	Administration & Faculty	96
14.	Class Timing	109
11.	2018 - 19 Full calendar	110
12	Important Events	132
13	Notes	134

Genesis of the College

Jyothi Engineering College was instituted in 2002 under the Thrissur Educational Trust (TET), founded by the Catholic Archdiocese of Thrissur. The foundation stone was blessed by Cardinal Mar Varkey Vithayathil, the Major Archbishop of Syro Malabar Church on 1st May 2001, and laid by H G Mar Jacob Thoomkuzhy, Archbishop of Thrissur on 11th May 2001. His Grace formally blessed the college on 14th June 2002, and classes began on 14th September 2002. Shri. A.K. Antony, the Chief Minister of Kerala, inaugurated Jyothi Engineering College on 12th October 2002. The College started functioning with four disciplines, namely Electronics and Communication, Electrical and Electronics Engineering, Computer Science and Engineering and Information Technology.

Santhome Hostel for men and **Marian Hostel** for women were inaugurated by Shri. K.V. Thomas, the Minister for Excise and Fisheries on 25th March 2004. The Mechanical Engineering programme was added in 2004 and Applied Electronics and Instrumentation in 2006. An additional batch in Mechanical Engineering was sanctioned by AICTE in 2011, and additional batches in CSE and ECE were sanctioned by AICTE in 2013. MTech programmes in Power Electronics (EE) and Computer Science & Engineering (CS) started in 2012. Jyothi Engineering College was accredited by National Assessment and Accreditation Council (NAAC) and B.Tech programmes in CS, EC, EE & ME were accredited by National Board of Accrediation (NBA) in 2016. In 2017, B.Tech Programme in Mechatronics and M.Tech Programmes in Transportation Engineering (CE) and Communication Engineering & Signal Processing (EC) were begun.

The Chief Minister Shri. Oommen Chandy inaugurated the Administrative Block on 18th October 2005. Shri K. Radhakrishnan, the Hon. Speaker of Kerala Assembly inaugurated the Western Block on 22nd December 2006. Padmasri Bharath Suresh Gopi inaugurated the Cyrstal Jubilee Celebrations on 17th March 2018.

The Jyothi campus is spread over an area of forty acres at Jyothi Hills, Cheruthuruthy, very close to Kerala Kalamandalam, the cultural university of Kerala, 500 meters from Vallathol Nagar Railway Station, 4 km from Shornur Railway Junction and 28 km from Thrissur. It is also easily accessible from three airports, Cochin, Calicut and Coimbatore, at a distance of 75-80 kms.

1. Management

1.1 Thrissur Educational Trust-Board of Trustees

1.	H.G. Mar Andrews Thazhath	-	Chairman
2.	V. Rev. Mgr. Thomas Kakkassery	-	President and Manager
3.	V. Rev. Mgr. Dr. George Manadan	-	Vice President
4.	Rev. Fr. Roy Joseph Vadakkan	-	Secretary & Asst. Manager
5.	Er. Thomas Mathew	-	Joint Secretary
6.	Rev. Fr. Joju Chiriankandath	-	Treasurer & Asst. Manager
7.	V. Rev. Fr. Joy Mookken	-	Member
8.	Rev. Fr. Mathew Kuttikottayil	-	Member
9.	Rev. Fr. Antony Thekkanath	-	Member
10.	Rev. Fr. Franko Kavalakkat	-	Member
11.	Rev. Fr. Jose Chalakkal	-	Institutional Trustee
12.	Rev. Sr. Udaya CHF	-	Institutional Trustee
13.	Rev. Fr. Walter Thelappally CMI	-	Institutional Trustee
14.	Rev. Sr. Anija CMC	-	Institutional Trustee
15.	Rev. Sr. Rose Anitha	-	Rep. of Life Members
16.	Rev. Fr.Varghese Edakkalathur	-	Institutional Trustee
17.	Sri. T L Ouseph	-	Founder Trustee
18.	Sri T L Jose	-	Founder Trustee
19.	Dr. Jaison Paul Mulerikkal	-	Special Invitee
20.	Sri. Boby Peter	-	Special Invitee

Additional Members

1.	Rev. Sr. Little Maria SABS	-	Life Member
2.	Rev. Fr. Sojan Neendoor	-	Life Member

1.2 Governing Body of the College

1.	H.G. Mar Adnrews Thazhath, Chairman, TET	-	Patron
2.	V. Rev. Msgr. Thomas Kakkassery, Manager	-	Chairman
3.	Rev. Fr. Roy Joseph Vadakkan, Asst. Manager (A&A)	-	Member
4.	Fr. Dr. Jaison Paul Mulerikkal CMI, Principal	-	Member Secretary
5.	Dr. Benny Joseph, CEO, Jubilee Mission Group	-	Member
6.	Rev. Fr. Joju Chiriyankandath, Asst. Manager (Finance)	-	Member
7.	Dr. E.J James, Director & Scientist G, CWRDM	-	Member
8.	Dr. Valsan Thampu, Formar Principal St. Stephen's College, Delhi	-	Member
9.	Prof. M.L. Kothari, Professor Emiritus, IIT Delhi	-	Member
10.	V.K. Mathews, Founder Chairman, IBS	-	Member
11.	Dr. Abdul Rahiman (Former PVC, KTU)	-	Member
12.	Prof. Joseph Joshi, Senior Vice President Project Managerment, RBI	-	Member
13.	Sri. M. Sherif (Nominee of State Govt.)	-	Member
14.	Rep. of Regional Officer, AICTE	-	Ex-Officio Member
15.	Industrialist/Educationalist Technologist nominated by AICTE	-	Ex-Officio Member
16.	Dr. Licy CD, Provincial Superior, Assissi FCC Province	-	Member
17.	Dr. U. Lazar John, Director, Placment & HR	-	Academician
18.	Er. Thomas Mathew, Administrator	-	Member
19.	Er. Boby Peter, Asst. Administrator	-	Member
20.	Prof. P Ratnan, Vice-Principal	-	Member
21.	Sri. Jenson Jose, Asst. Professor	-	Member

1.3 College Administration

1. V. Rev. Msgr. Thomas Kakkassery, Manager
2. Rev. Fr. Roy Joseph Vadakkan, Asst. Manager (A&A)
3. Rev. Fr. Joju Chiriyankandath, Asst. Manager (Finance)
4. Rev. Fr. Dr. Jaison Paul Mulerikkal CMI, Principal

5. Prof. Ratnan P, Vice Principal
6. Er. Thomas Mathews, Administrator
7. Er. Boby Peter, Asst. Administrator

1.4 Commitees

Manager, Assistant Mangers and Principal will be Ex Officio members for all Committees

1. Strategic Planning Committee

1.	**Er. Thomas Mathew (Administrator)**	**-**	**Convener**
2.	Er. Boby Peter (Asst. Administrator)	-	Member
3.	Prof. Ratnan P (Vice Principal)	-	Member
4.	Dr. Jose P Therattil (HOD-EC)	-	Member
5.	Dr. George Raphel (Asso. Prof., ME)	-	Member

2. Staff Selection Committee

1.	**Er. Thomas Mathew (Administrator)**	**-**	**Convener**
2.	HOD of the concerned Department	-	Member
3.	Subject Expert/ Spl. Invitee	-	Member

3. Purchase Committee

1.	Er. Thomas Mathew (Administrator)	-	Member
2.	**Er. Boby Peter (Asst. Administrator)**	**-**	**Convener**
3.	HOD of the Concerned Department	-	Member

4. Library Committee

1.	Er. Thomas Mathew (Administrator)	-	Member
2.	Er. Boby Peter (Asst. Administrator)	-	Member
3.	Dr. Muraleekrishnan (Dean, PG Studies)	-	Member
4.	Dr. Anitha Jacob (Dean, Research)	-	Member
5.	**Dr. Adarsh N Gokul (Librarian)**	**-**	**Convener**
6.	All HODs	-	Member
7.	Ms. Stephy Akkara (M.Tech-PE)	-	Member
8.	Jishnu V Nair (College Union General Secretary)	-	Member

5. Examination Cell (Internal Examination)

1.	**Ms. Aswathy Wilson (AP-CS)**	**-**	**Convenor**
2.	Mr. Sreejith K (AP-ME)	-	Member

3. Mr. Rich K J (AP-BSH) - Member
4. Ms. Aathira K V (AP-EE) - Member
5. Ms. Neethu Rose Thomas (AP- EC) - Member
6. Ms. Rachana R (AP-CE) - Member
7. Mr. Sheik Afthab (AP-ME) - Member
8. Ms. Roshini Rajan (AP-EC) - Member
9. Ms. Namitha T N (AP-CS) - Member

6. Transport Committee

1. **Er. Boby Peter (Asst. Administrator) - Convener**
2. Mr. Laiju P Thomas (Senior Accountant) - Member
3. All Bus Co-coordinators - Member
4. Sibin Sreenivas, Students Union Chairman - Member
5. Nayana P N, Students Union Vice chairman - Member

7. Placement Cell

1. **Dr. U Lazar John (Director, Placement & HR) - Chairman**
2. **Mr. Bibin Joy (PAT Officer) - Coordinator**
3. Mr. Davis Padical (Prof.-BSH) - Member
4. Ms. Shaicy P Shaji (AP-EC) - Member
5. Mr. Akhil A Balakrishnan (AP-EE) - Member
6. Mr. Dany Varghese (AP-CS) - Member
7. Mr. Jithin K Kuriakose (AP-ME) - Member
8. Ms. Jisha Akkara (AP-CE) - Member
9. Ms. Nyni K A (AP-EC) - Member

8. Hostel Committee

1. **Fr. David Nettikkadan (AP-EC) - Convener**
2. Sr. Rosily (Asst. Warden) - Member
3. Sr. Teena (Asst. Warden) - Member
4. Mr. Ponmaniraja (AP-EC) - Member
5. Ms. Aswathy Rajan (AP-EE) - Member
6. Students Representative (Male) - Member
7. Students Representative (Female) - Member

9. Industry – Institute Partnership Cell

1.	**Dr. U Lazar John**	**- Chairman**
2.	Mr. Bibin Joy (Placement Officer)	- Member
4.	Dr. Anitha Jacob (Dean, Research)	- Member
5.	**Ms. Della David (AP-EE)**	**- Coordinator**
6.	Mr Anil Antony, IEDC Convener	- Member
7.	All HODs	- Ex-officio

10. Public Relations Committee

1.	**Mr. George Chirammel (Instructor – CE)**	**- Convener**
2.	Dr. Usha Menon (Prof.-BSH)	- Member
3.	Mr. Dany Varghese (AP-CS)	- Member
4.	Mr. Binoj V J (Instructor - EC)	- Member
5.	Ms. Vidya K (PS to Principal)	- Member

11. Store Committee

1.	Er. Boby Peter (Asst. Administrator)	- Member
2.	**Prof. Ratnan P (Vice Principal)**	**- Convener**
3.	Ms. Nivya Wilson (AP-BSH)	- Member
4.	Ms. Namitha N (AP-CS)	- Member
5.	Ms. Anju M J (AP-CE)	- Member
6.	Mr. Baji Jose (Office Manager)	- Member
7.	Sr. Teena Sebastian, FSSE (Store)	- Member
8.	Mr. P J Joseph (Store)	- Member

12. Cultural Events Screening Committee

1.	**Dr. Usha Menon (Prof.-BSH)**	**- Convener**
2.	Mr. Melvinraj C R (AP-ME)	- Member
3.	Ms. Shiny M I (AP-EC)	- Member
4.	Ms. Minu Jos K (AP-BSH)	- Member
5.	Mr. Jenson Jose (AP-EE)	- Member

13. Project Committee

1.	Er. Thomas Mathew (Administrator)	- Member
2.	Er. Boby Peter (Asst. Administrator)	- Member

3.	**Lt. Col. Jacob E D (Project Engineer)**	**-**	**Convener**

14. Anti Narcotic Cell

1.	Er. Boby Peter (Asst. Administrator)	-	Member
2.	**Dr. Jose P Therattil (HOD-EC)**	**-**	**Convener**
3.	Ms. Padmaja, Grama Panchayath President	-	Trustee
4.	Mr. Faslu Rahman, Ward Member	-	Chief Executive
5.	Excise Range Inspector	-	Member
6.	Medical Officer, Jeevodaya Hospital	-	Member
7.	Prof. S Rathish (HOD-CE)	-	Member
8.	Dr. A K George (HOD-CS)	-	Member
9.	Dr. Jarin T (HOD-EE)	-	Member
10.	Dr. Biju P L (HOD-ME)	-	Member
11.	Fr. John Tharayil (HOD-BSH)	-	Membe
12.	Mr. Harindranath, PTA President	-	Member
13.	Ms. Rani Anto, PTA Vice President	-	Member
14.	Ms. Nayana P N, College Union Vice Chairman	-	Member
15.	Ms. Jasmin Jose (AP-BSH),WDC Coordinator	-	Member
16.	Mr. Jishnu V Nair, College Union General Secretary	-	Member
17.	Student Representative	-	Member
18.	Dr. David K J, Anti-Ragging Cell Convenor	-	Member
19.	Mr. Nidhin Johnson (NSS Coordinator unit-1)	-	Member
20.	Mr. Majeendran K (NSS Coordinator unit-2)	-	Member
21.	Mr. Biju C V (Asso. Prof.-ME)	-	Member
22.	Mr. Sukesh O.P (A P-ME)	-	Member

15. Research and Development Cell

1.	Er. Thomas Mathew (Administrator)	-	Member
2.	Dr. Fr. A K Geroge (HOD-CS)	-	Member
3.	**Dr. Anitha Jacob (Dean, Research)**	**-**	**Convener**
4.	Dr Nidhi M (AP-CE)	-	Member
5.	Mrs Jasmin Jose (AP-BSH)	-	Member
6.	Dr. M Balagopalan (Prof.-BSH)	-	Member
7.	Dr Vinith R (Asso. Prof.-CS)	-	Member

8.	Dr. Shijoh (Asso. Prof.-EE)	-	Member
9.	Mr. Kapildas (AP-EE)	-	Member
10.	Dr. George Raphael (Asso.Prof.-ME)	-	Member
11.	Mr. Deepanraj (Assoc. Prof.-ME)	-	Member
12.	Dr. Prajoon P (AP-EC)	-	Member
13.	Dr. Anoop V (AP-EC)	-	Member
14.	Ms. Nisha P V (AP-EE)	-	Member

16. Canteen Committee

1.	**Er. Boby Peter, (Asst. Administrator)**	**-**	**Convener**
2.	Mr. Davis Padical (Prof.- BSH)	-	Member
3.	Mr. Lawrance C A (Assoc. Prof.-ME)	-	Member
4.	Mr. Joseph V K (Office Asst.)	-	Member
5.	Ms. Nikhila A P (AP-CE)	-	Member
6.	Ms. Nayana P N, College Union Vice Chairman	-	Ex-officio
7.	Jishnu V Nair, College Union General Secretary	-	Ex-officio

17. N.S.S Advisory Committee

1.	Er. Boby Peter (Assistant Administrator)	-	Member
2.	Mr. Nidhin Johnson (Programme Officer)	-	Member
3.	**Mr. Majeendran K (Programme Officer)**	**-**	**Convener**
5.	Ms. Saritha N (Lab Instructor-EE)	-	Member
6.	Ms. Vini P (Chemist-CE)	-	Member
7.	Ms. Padmaja, Vallathole Nagar Grama Panchayat President	-	Member
8.	Mr. Ameed, Panjal Grama Panchayat President	-	Member
9.	Ward Member, Vallathole Nagar Grama Panchayat	-	Member
10.	Mr. Faslu Rahman, Ward Member, Panjal Grama Panchayat	-	Member
11.	Welfare Standing Committee Member, Vallathole GP	-	Member
12.	Welfare Standing Committee Member, Panjal GP	-	Member
13.	Volunteer Secretaries (2 No's)	-	Member

18. Editorial Board of JECC News

1.	**Dr. Fr. Flergin Antony (AP-BSH)**	**-**	**Convener**
2.	Ms. Jisha Akkara (AP-CE)	-	Member

3.	Ms. Ninu Francis (AP-CS)	-	Member
4.	Mr. Rijo P C (AP-EC)	-	Member
5.	Ms. Anu Sunny (AP-EE)	-	Member
6.	Mr. Arun Raj A (AP- ME)	-	Member

19. TBI Committee

1.	**Mr. Anil Antony (AP-CS)**	**-**	**Convener**
2.	Mr. Jinesh K J (AP-EC)	-	Member
3.	Mr Praveen Raj (AP-ME)	-	Member
4.	Mr. Fepslin Athish Mon (AP-CS)	-	Member
5.	Ms. Nyni K A (AP-EC)	-	Member

20. Disciplinary Management Committee

1.	**Prof. S. Rathish (HOD-CE)**	**-**	**Chairman**
2.	Fr. John Tharayil (HOD-BSH)	-	Member
3.	Fr. Dr. A K George (HOD-CS)	-	Member
4.	Dr. Jose P Therattil (HOD-EC)	-	Member
5.	Dr. Jarin T (HOD-EE)	-	Member
6.	Dr. Biju P L (HOD-ME)	-	Member
7.	Prof. M G Cyriac (Asso. Prof.-CE)	-	Member
8.	Ms. Jisha Akkara (AP-CE)	-	Member
9.	Mr. Bineesh M (AP-CS)	-	Member
10.	Ms. Seenia Francis (AP-CS)	-	Member
11.	Mr. Dipin Krishnan (AP-EC)	-	Member
12.	Ms. Shiny M I (AP-EC)	-	Member
13.	Mr. Jenson Jose (AP-EE)	-	Member
14.	Mr. Jithin K Jose (AP-EE)	-	Member
15.	Mr. Manoj Kumar (AP-ME)	-	Member
16.	Mr. Melvinraj C R (AP-ME)	-	Member
17.	Mr. Siva Kumar (AP-BSH)	-	Member
18.	Mr Nidhin Johnson (AP-BSH)	-	Member
19.	Ms. Jasmine Jose (AP-BSH)	-	Member

21. Students Welfare Committee

1.	**Dr. George Raphel (Asso. Prof-ME)**	**-**	**Chariman**
2.	Mr. Nice Menachery (AP-ME)	-	Member
3.	Ms. Bindu K Rajan (AP-EC)	-	Member
4.	Ms. Sobha Xavier (AP-CS)	-	Member

22. Grievances and Appeal Committee

1.	**Fr. John Tharayil (HOD-BSH)**	**-**	**Chairman**
2.	Mr. M G Cyriac (Asso. Prof.-CE)	-	Member
3.	Ms. Annie P Joseph (Asso. Prof.-EC)	-	Member
4.	Mr. Manoj Kumar V K (AP-ME)	-	Member

23. Internal Academic Audit Cell (KTU)

1.	**Prof. Ratnan P (Vice Principal)**	**-**	**Chairman**
2.	Ms. Sindhu S (AP-EC)	-	Co-ordinator
3.	Mr. Shaiju Paul (AP-CS)	-	Member
4.	Dr. Shijoh V (Asso. Prof.-EE)	-	Member
5.	Ms. Nivya Wislon, (AP-BSH)	-	Member
6.	Mr. Hareesh N V (AP-ME)	-	Member

24. Internal Complaint Committee

1.	**Dr. Usha Menon (Prof.-BSH)**	**-**	**Chairman**
2.	Ms. Aswathy Wilson (AP-CS)	-	Member
3.	Mr. Jithin K Jose (AP-EE)	-	Member
4.	Mr. Shaju C A (ME Workshop)	-	Member
5.	Ms. Eleesa Davi (Instructor-EC)	-	Member
6.	Three students from various Departments (to be nominated)	-	Members
7.	Fr. Adv. Johnson Ainikkal (NGO)	-	Member

25. Anti-Ragging Committee

1.	**Dr. David K J (Asso. Professor-ME)**	**-**	**Convener**
2.	Ms. Sindhu S (Asso. Prof.-EC)	-	Member
3.	Chief Warden - Boys Hostel	-	Member
4.	Chief Warden - Girls Hostel	-	Member
5.	Mr. Praveen Raj (AP-ME)	-	Member
6.	Mr. Hareesh N.V (AP-ME)	-	Member

7.	Mr. Anto Zacharias (AP-ME)	-	Member
8.	Ms. Shiny Shajan (AP-CE)	-	Member
9.	Nidhin Johnson (AP-BSH)	-	Member
10.	Mr. Raghavan K (Workshop Superintendent)	-	Member
11.	Mr. Baji Jose (Office Manager)	-	Member
12.	Mr. Faslu Rahman, Member, Panjal Grama Panchayat	-	Member
13.	Station House Officer, Cheruthuruthy Police Station	-	Member
14.	Mr. Harindranath, PTA President	-	Member
15.	Jishnu V Nair, College Union General Secretary	-	Member
16.	Mr. Babu Padikkala, Canteen Manager	-	Member
17.	Mr. Rajesh, College Bus Driver	-	Member
18.	Mr. Joy, College Bus Driver	-	Member
18.	Mr. Joseph Kollannur, Former Panchayat President	-	Member
19.	Mr. Jefrin Jose, Computer Centre	-	Member
20.	Mr. C P Antony (Security in-charge)	-	Member

26. Anti-Ragging Squad

1.	**Mr. Nidhin Johnson (AP-BSH)**	**-**	**Chairman**
2 .	Mr. Dipin Krishnan (AP-EC)	-	Member
3.	Mr. Aneesh Chandran (AP-CS)	-	Member
4	Mr. Suneeth Sukumaran (AP-ME)	-	Member
5.	Mr. C P Antony (Security in Charge)	-	Member

27. Women's Development Cell

1.	**Ms. Jasmine Jose (AP-BSH)**	**-**	**Convener**
2.	Ms. Sreethumol M V (AP-EE)	-	Member
3.	Ms. Drisya M K (AP-EC)	-	Member
4.	Ms. Annie P Joseph (Asso. Prof.-EC)	-	Member
5.	Ms. Reshma K V (AP-CS)	-	Member

28. SC/ST Grievance Cell

1.	**Prof. Ratnan P (Vice Principal)**	**-**	**Convener**
2.	Ms. Minu Jose (AP-BSH)	-	Member
3.	Ms. Anju M J (AP-CE)	-	Member
4.	Ms. Nisha Sheief (AP-ME)	-	Member
5.	Ms. Swapna B Sasi (AP-CS)	-	Member

29. College Magazine Committee

1.	**Dr. Usha Menon (Prof- BSH)**	**-**	**Convener**
2.	Dr. Fr. Flergin Antony (AP-BSH)	-	Member
3.	Ms. Justine J Thanikkal (AP-CE)	-	Member
4.	Ms. Ninu Francis (AP-CS)	-	Member
5.	Mr. Rijo P C (AP-EC)	-	Member
6.	Ms. Anu Sunny (AP-EE)	-	Member
7.	Mr. Arun Raj (AP-ME)	-	Member
8.	Elsa Rose, Student Editor - College Union	-	Coordinator
9.	College Union Chairman	-	Member
10.	College Union Vice Chairman	-	Member

30. Swatch Bharat Summer Internship

1.	**Mr. Rathish S (HOD-CE)**	**-**	**Convener**
2.	Mr. M G Cyriac (Asso.Prof- CE)	-	Asst. Conv.
3.	Mr. Majeendran K (Trade Instructor-EE)	-	Nodal Officer
4.	Mr Christy Vazhapally (AP-ME)	-	Nodal Officer
5.	Ms. Vidya K (PS to Principal-CC)	-	Nodal Officer

31. Students' Project Coordination Committee

B Tech

1.	**Mr. Cyriac M G (Asso. Prof-CE)**	**-**	**Convener**
2.	Ms. Soumya C (AP-EE)	-	Member
3.	Mr. Thomas George K (AP- CS)	-	Member
4.	Mr. Jinesh K J (AP- EC)	-	Member
5.	Mr. Manoj Kumar V K (AP- ME)	-	Member

M Tech

1.	**Dr. Anitha Jacob (Dean-Research)**	**-**	**Convener**
2.	Dr. Muraleekrishnan (Dean-PG Studies)	-	Member
3.	Ms. Anu Sunny (AP- EE)	-	Member
4.	Mr. Unnikrishnan (AP-CS)	-	Member
5.	Ms. Annie P Joseph (Asso. Prof.- EC)	-	Member
6.	Ms. Jisha Akkara (AP-CE)	-	Member

32. Innovation & Entrepreneurship Development Cell

1.	**Mr. Anil Antony (AP- CS)**	**-**	**Chairman**
2.	Mr Melvinraj C R (AP-ME)	-	Convener
3.	Mr Aneesh Chandran (AP-CS)	-	Member
4.	Ms. Nyni K A (AP-EC)	-	Member
5.	Ms Nikhila A P (AP- CE)	-	Member
6.	Mr Jinesh K J (AP-EC)	-	Member
7.	Ms Aswathy Rajan (AP-EE)	-	Member
8.	Ms. Neeraja P G (AP-CE)	-	Member

33. NBA Accreditation Committee

1.	**Dr. Shijoh V (Asso. Prof.-EE)**	**-**	**G. Coordinator**
2.	Ms. Sobha Xavier P (AP-CS)	-	Asst. Coordinator
3.	Dr. Usha Menon (Prof.-BSH)	-	Documentation in charge
4.	Ms. Anju M.J (AP-CE)	-	Member
6.	Mr. Ponmaniraja (AP- EC)	-	Member
8.	Mr. Praveen Raj (AP-ME)	-	Member
9.	Ms. Jasmin Jos(AP-BSH)	-	Member

1.5.

1. Internal Quality Assurance Cell

1.	**FR. Dr. Jaison Paul Mulerikkal CMI (Principal)**	**-**	**Chairman**
2.	Dr. Anitha Jacob, (Dean, Research)	-	Convener
4.	Er. Thomas Mathew (Administrator)	-	Member
5.	Dr. Biju P L (HOD-ME)	-	Member
6.	Dr. Jose P Therattil (HOD-EC)	-	Member
7.	Dr. Vinith R	-	Member
8.	Mr. Jithin K Jose (AP-EE)	-	Member
9.	Ms. Sindhu C (Assoc. Prof.- EC)	-	Member
10.	Mr. Shaiju Paul (AP -CS)	-	Member
11.	Mr. Rijo P C (AP- EC)	-	Member
12.	Mr. Melvin Raj C R (AP-ME)	-	Member
13.	Mr. Kapildas, (AP-EE)	-	Member

14. Dr. Sr. Licy E D (Nominee from the local society) - Member
15. Students' Representatives - Member
16. Alumni Member (To be nominated) - Member
17. Dr. Benny Joseph (Industrialist) - Member

2. Right to Information Act Cell

1. Mr. Baji Jose C F (Office Manager) - Information Officer
2. Mr. Girish Kumar N G (Senior Office Asst.) -Asst. Information Officer
3. Fr. Dr. Jaison Paul Mulerikkal CMI (Principal) -Appellate Authority

2. COURSES OFFERED

B Tech Degree courses in:

1. Civil Engineering (60)
2. Computer Science & Engineering (120)
3. Electronics and Communication Engineering (120)
4. Electrical & Electronics Engineering (60)
5. Mechanical Engineering (120)
6. Mechatronics (60)

M Tech Degree courses in:

1. Power Electronics (18)
2. Computer Science and Engineering (18)
3. Transportation Engineering (18)
4. Communication Engineering (18)

Ph.D. Courses

1. Civil Engineering
2. Electrical & Elecronics Engineering

3. College Council

1.	Manager	Chairman
2.	Asst. Manager (Academics & Administration)	Member
3.	Asst. Manager (Finance)	Member
4.	Principal	Convener
5.	Administrator	Member
6.	Asst. Administrator	Member
7.	Vice Principal	Member
8.	HODs of all Engineering Departments.	Members
8.	HOD of BSH	Member
9.	Chairman, IQAC	Member
10.	Dean, Research	Member
11.	Dean PG studies	Member

4. Academic Council

1.	Asst. Manager (Academics & Administration)	Ex-officio
2.	Principal	Chairman
3.	Vice Principal	Member
3.	All HODs	Member
4.	Dean Research	Spl. Invitee
5.	Dean P G Studies	Spl. Invitee

PROFESSIONAL BODIES CO-ORDIANTORS 2018-19

Co-ordinator : Prof. Ratanan P

Sl. No	Activity	Name of In Charge
1	IEEE (Student Chapter)	Mr. Jinesh K J (AP-EC)
2	IEEE - IAS	Mr. Jithin K Jose (AP-EE)
2	CSI (Student Chapter)	Mr. Bineesh (AP-CS)
3	ISTE (Faculty Chapter)	Mr. Deepanraj B (AP-ME)
4	ISTE (Student Chapter)	Ms. Saritha P (AP-EE)
5	IETE	Dr. Prajoon (AP-EC)
6	ICI	Prof. M G Cyriac (Asso. Prof.-CE)
7	SAE India	Dr. David K J (Asso. Prof.-ME)
8	IEI	Ms. Vincy Varghese (AP-CE)
9	IEDC	Mr. Anil Antony (AP-CS), Chairman
		Mr Melvinraj C R (AP-ME), Convenor
10	NSS 1	Mr. Nidhin Johnson (AP-BSH)
		Ms. Vini P (Chemist-CE)
	NSS 2	Mr. Majeendran K (Trade Instructor-EE)
		Ms. Saritha N (Trade Instructor-EE)
11	NATURA	Ms. Priya Jose (AP-BSH)
12	Blood Donors Forum	Ms. Reshma K V (AP-CS)
13	WDC	Ms. Jasmin Jose (AP-BSH)
14	STAFF CLUB	Ms. Aswathy Wilson (AP-CS)
		Mr. Siva Kumar K S (AP-BSH)
15	Staff Advisors to College Union	Mr. Jenson Jose (AP-EE)
		Ms. Shiny M I (AP-EC)
16	PTA	Mr. Thomas George (AP-CS)
		Mr. Jasmine Jose BSH

VARIOUS EVENT COORDINATORS 2018-19

Sl No	Name of Event	Coordinators
1	Environment Day Celebration (In association with NATURA Club)	EC Dept
2	Retreat for final year Catholic students(S7)	Fr. David Nettikkadan
3	Retreat for third year Catholic students(S5)	Mr. Jestin Thanikkal (AP,CE)
4	Retreat for second year Catholic students(S3)	
5	Retreat for first year Catholic students(S1)	
	Retreat for Catholic teachers	
6	Legal Classes (Anti Ragging)	Mr. Rijo P C
7	UG Induction	Dr Jarin T (Chairman) Ms. Jasmine Jose Mr Bibin Joy (convener)
8	PG Induction	Dr. Muralee Krishnan Ms. Anu Sunny
9	Independence Day	Mr. Majeendran K
10	Onam Celebration	Mr. Sreejith K Ms.Shiny M I
11	Engineers Day	CS Dept.
12	World Habitat Day	CE Dept.
13	Convocation	Dr. David K J Ms. Sindhu S
14	World Standards Day	ME Dept.
15	Union Inauguration	Staff Advisors
16	Energy Conservation Day	EE Dept.
17	Sports Day	Mr. Nidhin Johnson Ms. Priya Jose
18	Arts Day	Mr. Hareesh N Ms. Neethu Rose Thomas
19	Christmas Celebration	Ms. Smija Skaria Mr. Arun Raj A
20	Republic Day	Mr. Nidhin Johnson
21	Tharang TechFest	Mr. Manoj Kumar V K / Mr. Aneesh Chandran
22	National Science Day	BSH Dept.
23	Women's Day celebration	WDC Convenor
24	World Water Day	CE Dept.
25	College Day	Mr. Bineesh M Ms. Della David
26	S8 Farewell & Group Photo	Mr. Nikhil N S Mr. Franklin Francis

CO-CURRICULAR EXTRA CURRICULAR ACTIVITIES 2018-2019

Coordinators: Mr. Nikhil N S and Ms. Aswathy Wilson

Sl No	Name of Event	Coordinators
1	Cricket	Mr. Jithin Kuriakose
2	Football	Mr. Shijin M
3	Basket Ball	Fr Dr George Athapilly CMI
4	Volleyball	Mr. Jefrin Jose
5	Badminton	Mr. Laiju Thomas Office
6	Table Tennis	Ms. Varsha Varghese
7	Athletics	Mr. Aneesh PB CS
8	Music	Mr Hareesh ME
9	Dance	Ms. Aswathy Rajan
10	Photography	Mr. Franklin Francis Ce
11	Painting/Drawing	Mr. Sudheesh C N
12	Literary Club	Ms. Archana T C
13	Craft Making	Mr. Pradeesh C G
14	Gardening & Agriculture	Ms. Priya Jose BSH
15	GATE/MAT/GNAT/CAT Coaching	Mr. Sreejith A
16	Civil Services Club	Mr. Sukesh O.P, ME
17	Communication Workshop	Mr. Aswin Mohan CE
18	Public Speaking	Mr. Davis Padickal
19	Remedial Classes	Mr. Akhil A Balakrishnan
20	Library/Lab	Mr. Alister Polwin
21	StartUp@TBI	Mr. Anil Antony
22	Add-on Course/Webinar	Ms. Divya Menon
23	Mentoring & Counselling	All Class Tutors
24	Swachh Bharat Internship	Prof Rathish S (Convener)
		Mr. Cyriac M G (Asst. Convenor)
		Mr. Christy V(Nodal Officer)
		Mr. Majeendran(Nodal Officer)
		Ms. Vidya K(Nodal Officer)
25	Unnat Bharat Abhiyan	Mr. Cyriac M G (Convenor)
		Ms.Vidya (Nodal Officer)
26	Health Club	Mr. Nidhin Johnson

5 KERALA TECHNOLOGICAL UNIVERSITY

CET Campus, Thiruvananthapuram, Kerala-695016

ORDINANCE
For
Bachelor of Technology B.Tech./B.Tech. (Honours)

In exercise of the Powers conferred under Clause 44 of the Ordinance, the Executive Committee of the University hereby promulgate the Ordinance for the University for the Academic Year 2016-2017.This Ordinance shall come into effect from the date of its publication in the Gazette.

I N D E X

01 Admission to Bachelor of Technology / B.Tech. / B.Tech. (Honours)

02 Examination

03 Eligibility for Award of Degree

04 Fee structure

05 Discipline of the student – Action against breach of discipline

06 Action against breach of guidelines in Examinations - unfair measures in examination

07 Miscellaneous Provisions:

a) Language of Instruction and Evaluation
b) Academic Calendar
c) Branches of B. Tech. Programmes
d) B. Tech. Programme Structure
e) Curriculum, List of Courses and Syllabi
f) Faculty Advisor/Counsellor
g) Course Registration and Enrolment
h) Course Completion and Earning of Credits
i) Core courses, Prerequisites and Electives
j) End Semester and Supplementary Examinations
k) Summer Courses and Contact Courses

l) Academic Assessment/Evaluation
m) Eligibility to Continue
n) Course Committees and Class Committees
o) Eligibility for Grading
p) Award of Grades
q) Grades and Grade Points
r) Academic Auditing
s) Break of Study
t) Revaluation and Grade Improvement
u) Grade Cards
v) B. Tech. Degree
w) B. Tech. (Honours)
x) Discipline
y) Academic Discipline and Welfare Committee
z) Grievances and Appeals Committee

8. Amendment to Ordinance/Regulations/Rules Rules to carry out the purpose of the Ordinance Addendum

1. Admission to Bachelor of Technology / B.Tech. / B.Tech. (Honours)

a. Eligibility for admission to the B.Tech., programme, admission policy and procedure shall be decided from time to time by following the guidelines issued by the Government of Keral and the Government of India and other statutory body such as AICTE.

b. Subject to Clause 1(a), Admission to B.Tech., shall be based on the guidelines given by the State and Central Governments on reservation. Candidates for admission to B.Tech., programme shall have passed the Higher Secondary Examination, Kerala or12th Standard V.H.S.E., C.B.S.E., I.S.C or any other examination considered equivalent to the above mentioned ones. Other eligibility criteria for admission is currently prescribed by the Government of Kerala through Government orders which is based on the entrance examination conducted by the Commission for Entrance

Examinations, Government of Kerala and the marks in the qualifying examination subject to the relaxations allowed for backward classes and other communities as specified from time to time.

c. The Branches of study and number of students admitted are to be based on the approval by the All India Council for Technical Education and the Kerala Technological University.

d. Notwithstanding all that is stated above, the admission policy may be modified from time to time by the University, particularly to confirm to directions from the Government of Kerala and the Government of India.

e. The B.Tech., / B.Tech. (Honours) programme is a credit based programme. The duration of the B. Tech / B. Tech (Honours) programme will normally be four academic years spanning 8 semesters. The maximum duration shall be six academic years spanning 12 semesters.

2. Examination

a. At the end of the semester, end semester examination will be conducted in all lecture based courses offered in the semester and will normally be of three hours duration, unless otherwise specified. Supplementary examinations shall be conducted before the commencement of the next semester, for students who are eligible and have registered for them.

b. Students, who have completed a course but could not write the end semester examination for valid reasons like illness or personal exigencies, are allowed to write the supplementary examination orthe end semester examination at the next opportunity and earn the credits without having to register for the course again provided they meet other eligibility criteria.

c. The main eligibility criteria for the end semester examination are attendance in the course, internal marks and no pending disciplinary

action. The minimum attendance for appearing for the end semester examination is 75% in each course. Further, the internal evaluation marks in the course should be 45% or above. Students who do not meet these eligibility criteria are awarded an FE grade and have to register for the course again.

d. Students who could not write the end semester examination due to the health reasons or other exigencies can register for the supplementary examination, with the approval of the principal provided they have 45% or above marks in the internal evaluations for the course. Candidates who received F grade can also write the supplementary examination. Grades awarded in the supplementary examination will be taken as the end semester grades in these courses.

3. Eligibility for Award of Degree

The award of B. Tech. / B. Tech. (Honours) degree shall be based on the recommendation of the Academic Committee and the approval of the Board of Governors and in accordance with the academic regulations, if any, issued for the said purpose by the University.

Award of B. Tech. Degree

A student will be eligible for the award of B. Tech. Degree of the University on satisfying the following requirements.

i) Earned credits for all the core courses and the Project.

ii) Earned the required minimum credits as specified in the curriculum for the branch of study.

iii) No pending disciplinary action.

4. Fee charged by the University

Fee charged for the programme shall be decided by the University from time to time and informed to all concerned for compliance.

5. Discipline of the student – Action against breach of discipline

Every college shall have a Student's Welfare Committee and a Disciplinary Action Committee, constituted by the Principal of the college. Each college should have a Grievance Redressal and Appeals Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college. Details on the constitution and terms of reference are outlined in 7-x, 7-y, and 7-z.

6. Breach of guidelines and unfair practices in Examinations

These are viewed seriously and appropriate actions are to be taken by the colleges as detailed in 7-x.

a. **Language of Instruction and Examination :** Unless otherwise stated, the language of instruction and examinations shall be English.

b. **Academic Calender** : The University shall publish in its website the academic calendar for every academic semester indicating the commencement of the semester and beginning of instruction. It will specify the course registration and enrolment dates, the schedule for mandatory internal tests for theory courses, dates by which laboratory/practical evaluations are to be completed, date for finalization of internal marks, last instruction day in the semester, planned schedule of end semester examinations and result declaration as well as approved holidays falling within the semester. Schedules for the supplementary examinations and result declaration dates are to be included in the calendar. Summer course schedule and result declaration have also to be indicated in the calendar. Additionally colleges may publish their academic calendar, in line with the University academic calendar, indicating other schedules and events they plan to conduct during the semester.

c. **Branches of B. Tech. Programmes :**The Branches of B. Tech. /B. Tech. (Honours) programme offered by the University are listed separately at the end of this Ordinance

d. B. Tech. Programme Structure

i) B. Tech. / B. Tech. (Honours) programme in all branches of study is structured on a credit based system following the semester pattern with continuous evaluation allowing flexibility for students to decide on the duration of programme completion.

ii) The duration for the B. Tech. /B. Tech. (Honours) programme in all branches of study, will normally be 8 semesters.

iii) The maximum duration shall be six academic years spanning 12 semesters.

iv) Each semester shall have 72 instructional days, followed by end semester examinations.

v) A student can opt for B.Tech. (Honours) at the end of the fourth semester.

vi) The curriculum of any branch of the B. Tech. programme is designed to have a minimum of 180 academic credits and 2 additional pass/fail credits, for the award of the degree.

vii) The University follows Credit System and Credits are apportioned among the following knowledge segments.

B.Tech. Programme

Knowledge Segments	Credits
Basic Sciences	10 [8 Theory+ 2 Labs]
Mathematics	16
Humanities	9
Basic Engineering	29 [25 Theory +4 Labs]
Professional Engineering	89 [80 Theory +9 Labs]
Electives	15
Seminar	2
Comprehensive Viva	2
Design Project	2
Project	6

Total Academic Credits:	**180**
Student's Activities	2 [Audit-Pass/Fail]
Total credits for B.Tech. Degree	**182**

Credits are assigned to courses based on the following general pattern.

One credit for each lecture hour per week for one semester
One credit for each tutorial hour per week for one semester
One credit for each laboratory/ practical session of 2 or 3 hrs, per week for one semester

viii) In a semester normally up to six lecture based courses and three laboratory/practical courses, carrying a maximum credit of 26, could be offered.

ix) University may allow students to transfer credits they have earned at other Universities and Academic Institutions, as per the guidelines given by the Academic Committee and approved by the Board of Governors.

x) Student Activities Points: To be an engineer, capable of competing globally, in addition to technical knowledge and skills, students should develop excellent soft skills, nurture team work and leadership qualities and have an entrepreneurial and trail blazing outlook. To achieve this, in addition to academics, students are to actively engage in co-curricular and extra curricular activities. For such activities, points are allotted. On getting a minimum of 100 activity points the student passes the course and earns 2 credits which do not count for the CGPA but mandatory for the award of the degree. Listing of these activities and the maximum points that could be earned by engaging in them are given at the end of this document. Additional activities could be included in the list with the approval of the Academic Committee.

e. Curriculum, List of Courses and Syllabi

i) Every branch of study in the B.Tech., programme will have a curriculum, list of courses, syllabi and course plans approved by

the Academic Committee of the University.

ii) Courses are categorized as Core Theory (CT), Core Practice(CP) and Electives (EL).

iii) Each course has a course number. Course number includes the offering department or knowledge segment code and a three digit number. Knowledge segment code is used when a course is offered by any one or more departments with the same course content and syllabus. Details on this are given under Rule, RU-1.

f. Faculty Advisor/Counsellor

All students shall have faculty advisors whose role will be:-

To guide and help students on academics

To monitor their progress in academics and advise them

To counsel them and hand-hold them in any difficulty

g. Course Registration and Enrolment

It is mandatory for students to register for the courses they want to attend in a semester. Students admitted freshly to the first semester, are advised to register for all courses listed for the semester. However they do not have to enrol for the 7 semester. All other students are required to register at the end of the semester for the courses they desire to take in the coming semester. They have to enrol for these courses at the beginning of the new semester, based on the previous semester results. This allows them to make changes in the list of courses already registered for. Before enrolment, students should clear all dues including any fees to be paid and should not have any disciplinary issues pending. The dates for registration and enrolment will be given in the academic calendar. Any late registration or enrolment, allowed up to 7 working days from the stipulated date, will attract a late fee. A student can withdraw from a course or substitute one already registered by another on valid reasons with the approval of the faculty advisor. However this has to be done within seven working days from the commencement of the semester. The maximum number of credits a student can register in a semester is limited to 26.

h. Course Completion and Earning of Credits

Students registered and later enrolled for a course have to attend the course regularly and meet the attendance rules of the university [RU-2] and appear for all the internal evaluation procedures for the completion of the course. Credits for the course are earned only on getting a pass grade in the composite evaluation.

i. Core courses, Prerequisites and Electives

All courses listed in the curriculum, other than the electives, are core courses. Earning credits in the core courses is mandatory for the B. Tech. degree. For electives, failure to earn credits does not necessarily require repeating the course. Instead another approved elective is permitted as a replacement course by the faculty advisor concerned. For some courses there could be a prerequisite course completion requirement for registration.

j. Summer Courses

Students who could not earn the required minimum credits at the end of the second or fourth semester have two options to continue with the studies. They may register again for the courses, when they are offered in the next academic year. However, there is also a provision to run summer courses in failed courses for these students who may register and attend the course and write the final examination. This provision is only for students who have got 45% or more in the internal evaluation for the courses they attended in the regular semester. Students should have 75% attendance in the summer course to write the examination.

For the final grading their internal evaluation marks obtained in the regular semester in which they had undergone the course shall be applicable. Summer courses are to be conducted for a minimum of 20 contact hours for each course. Summer courses are to be offered only at the end of the second and fourth semesters for the courses covered till that semester. They will be conducted either by all colleges or only by some, depending on the number of students

registering for them. Details of summer courses planned will be announced by the colleges after the declaration of the even semester results. Final examination for summer courses will be conducted by the University. Based on the availability of faculty and the number of students opting for courses, it will be the prerogative of the colleges to decide on the summer courses to be offered.

Options for the fifth and higher semesters

For higher semesters, i.e., fifth semester onwards, summer courses are not offered. Failed students who have less than 45% marks in internal assessments have to register again for the course in the regular semester in which it is offered and complete the course as per the regulations and appear for the end semester examination. Failed students having 45% marks or more in internal assessments have the option to register again for the course as mentioned above or register only for the end semester examination without attending the course again. A separate registration format will be available for this. This option is available in all semesters.

k. Contact Courses

If a student has to earn credits only just for one course to qualify for the degree after completing eight semesters of study, the college concerned may offer a contact course on a written request by the student. The contact course is considered as fresh registration and is to be offered by the teacher concerned who shall conduct the internal evaluation procedures and allot the marks as per the regulations. Minimum contact hours for the course shall be 20. The final examination will be conducted by the college and shall be monitored by the external academic auditor. Question paper for the examination will be given by the Controller of Examination. No grade above C shall be given for a contact course.

l. Academic Assessment/Evaluation

<u>Academic Evaluation of Courses</u>

University follows a continuous academic evaluation procedure.

Academic evaluation procedure and corresponding weights are as follows:-

a) For theory courses: - 1/3rd weightage for internal evaluation and 2/3rd for end semester examination. For convenience, the maximum marks for internal evaluation and end semester examination for theory courses are fixed as 50 and 100 respectively. Scheme of evaluation is as follows.

i) Two internal tests each of 20 marks and of one hour duration. (Internally by the College)

ii) Tutorials/Assignments/Mini Projects carrying 10 marks. (Internally by the College)

iii) End Semester examination carrying 100 marks. (Conducted by the University)

All the above evaluations are mandatory requirements to earn credits. Students who have missed either the first or the second test can register with the consent of the faculty and the Head of the Department (HOD) concerned for a retest which shall be conducted soon after the completion of the second test, but before the end semester examination. The re-test will cover both first and second test course plans. Those who have missed both the tests are not eligible to appear for the end semester examination. However if one misses both tests due to medical reasons or other personal exigencies, based on genuine evidence, a single test of 2 hour duration for 40 marks will be conducted covering the whole syllabus, before the end semester examinations. Decision on this will be taken by the Principal and verified by the external academic auditor.

b) For Laboratory /Practical /Workshop courses

i) Practical records /Outputs 60 marks (Internally by the College)

ii) Regular class Viva 10 marks (Internally by the College)

iii) Final written test/quiz 30 marks (Internally by the College)

All the above assessments are mandatory to earn credits. If not, the student has to complete the course/assessments during his free time in consultation with the faculty members. On completion of these, grades will be assigned. In case the Practical /Laboratory/ Workshop courses are not completed in the semester, grade I (incomplete) will be awarded against the course and the final grade will be given only after the completion of the course/assessments.

c) Comprehensive Examination

As students appear for placements from seventh semester onwards, comprehensive examination is to be completed in the sixth semester. This examination will be a written cum oral examination covering broadly all courses so far completed [RU-5]. 10

d) Seminar

Each student has to give a seminar on a professional topic of current interest in consultation with the faculty member in charge of the seminar in the Department. The seminar will be evaluated based on RU-6

e) Design Project

Each student or a group of students has to take up a design project. The project topic could be arrived at in consultation with any faculty member in the department. The Evaluation of the project is to be done in two stages. Two project progress evaluations each carrying 20 marks and a final report evaluation and presentation of the projectfor 60 marks. The project supervisor and two other faculty members from the same or any other department, nominated by the Head of the Department form the evaluation board.

f) Final Semester Project

Students, either individually or in a small batch not exceeding four, have to do a project approved by their faculty supervisor. Evaluation

scheme is given below:-

i) Two progress assessments 20% by the faculty supervisor/s

ii) Final Project Report 30% by the Assessment Board

iii) Project presentation and Viva 50% by the Assessment Board

If the project work is not completed satisfactorily, the student has to put in more work and appear again for assessment on a specified date, not earlier than one month after the first evaluation. If the student fails in the project, a fresh registration for the project for one semester is mandatory. The project assessment board shall consist of the following members.

Chairman: Head of the Department

Members:

Project supervisor/s of the student

One faculty member from the Department

One faculty member from a sister Department

An external expert, either from an academic/research institute or industry

m) Eligibility to Continue

A student has to earn a minimum number of credits in a semester to be eligible to register for the new courses offered in the next semester. In odd semesters if this requirement is not met, the student is to be forewarned and allowed to continue to the next even semester. However at the end of even semesters this requirement will be strictly implemented. Summer courses are offered to those who do not satisfy this norm after the 2nd as well as the 4th semesters. Students who do not meet this requirement are not permitted to register for new courses in the higher semesters. They have to register for the failed courses in normal semesters in which they are offered subject to the limitations imposed by the ordinances and course timetable.

Action plan, for dealing with course arrears in theory courses at the end of each semester to continue with the programme, is given below. Faculty advisors shall monitor advice and support the students in this.

Eligibility Criteria for Registering for Higher Semester Courses

Semester	Allotted Credits	Cumulative Credits	Minimum cumulative credits required to register for courses in higher semesters
First	24	24	Not applicable
Second	23	47	Not insisted
Third	24	71	Not insisted
Fourth	23	94	Not insisted
Fifth	23	117	26 credites from S1 & S2
Sixth	23	140	Not insisted
Seventh	22	162	52 credits from S1 to S4
Eighth	18	180	Not insisted

Students should be informed about the minimum cumulative credits requirement to register for higher semester courses.

n. Course Committees and Class Committees

These committees are to be in place in each college affiliated to the University.

a) Course Committee

This is for common courses (electives are excluded) offered to students admitted for the B. Tech. programme irrespective of their branch of study. Each of such courses will have a course committee constituted by the Principal of the college.

The chairman of the course committee shall be a senior faculty member not offering the course.

Members:-

i) All teachers offering the course.

1 ii) Four student representatives nominated by the Principal.

b) Class Committee

Beginning from the third semester, all branches of study will have class committees for every semester constituted by the respective Heads of Departments.The chairman of the committee shall be a senior faculty member who does not offer any course during that semester.

Members:-

i) All faculty members teaching courses in that semester.

ii) Two student representatives nominated by the head of the Department. The course committees and class committees shall meet at least thrice in a semester – the first at the beginning of the semester, the second and the third after the first and the second internal tests respectively. Both committees should monitor the conduct of the courses, adherence to the course plan and time schedule, completion of the syllabus, standards of internal tests, evaluation process and difficulties faced by the students and take suitable remedial actions at the appropriate time. At the end of the semester, the committee should meet without student representatives to review the conduct of the course and finalize the internal assessment marks and approve them.

o. Eligibility for writing the end semester examination and for grading

Students with 45% or more marks in internal assessment in a course shall only be permitted to write the end semester examination in that course. Those with less than 45% internal marks shall be awarded FE grade and have to register for the course again.

A student should have a minimum of 45% marks in the end semester examination to be eligible for grading in a course. Otherwise he/she will be considered to have failed in the course and an F grade will be awarded.

Internal marks given to the students who got 45% marks or more in the end semester examination shall be regulated in line with the end semester examination performance. Internal mark percentage shall not exceed 25% over the end semester mark %. (For example if the end semester mark % is 45, then the maximum internal mark % is to be 45+25 = 70 %.)

In case the student writes the supplementary examination, the mark got in that will be taken into consideration for regulating the internal marks.

Those who have more than 45% marks in the end semester examination are awarded the grade based on both internal assessment and end semester examination marks. A student earns credits for a course if the grade is P or above.

p. Award of Grades

Grading is based on the % marks obtained by the student in a course, as given in 7q. The grade card will only give the grades against the courses the student has registered. Semester grade card will give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).

q. Grades and Grade Points

Grades and Grade Points as per UGC guidelines is to be followed by the University

SGPA and CGPA are calculated based on the above grading norms and are explained at the end of this document.

Grades	Grade Point (GP)		% of Total Marks obtained in the course
O	(Outstanding)	10	90% and above
A+	(Excellent)	9	85% and above but less than 90%
A	(Very Good)	8.5	80% and above but less than 85%
B+	(Good)	8	70% and above but less than 80%
B	(Above Average)	7	60% and above but less than 70%

C	(Average)	6	50% and above but less than 60%
P	(Pass)	5	45% and above but less than 50%
F	(Fail)	0	Less than 45%
FE		0	Failed due to eligibility criteria [7-o]
I			Course Incomplete Grades

SGPA and CGPA are calculated based on the above grading norms and are explained at the end of this document.

r. Academic Auditing

The University shall have a detailed academic auditing procedure in place comprising of an internal academic auditing cell within the colleges and an external academic auditing for each college. The internal academic auditing cell in each college shall oversee and monitor all the academic activities including all internal evaluations and examinations. This cell is to prepare academic audit statements for each semester at regular intervals. These reports are to be presented to the external academic auditor approved by the University, who will use it as a reference for his independent auditing and for the final report to the University.

Academic auditing shall cover:-

i) Course delivery covering syllabus, adherence to course plan, quality of question papers for internal examinations, internal evaluation, laboratory experiments, practical assignments, mini projects and conduct of practical classes and their evaluation.

ii) Co-curricular and Extra-curricular activities available for students, their organization and the mechanism of monitoring of activities points earned by the students.

iii) Academic functioning of the college encompassing students, faculty and college administration covering punctuality, attendance, discipline, academic environment, academic accountability, academic achievements and benchmarking.

s. Break of Study

A student may break study for a maximum duration of two

semesters, preferably in one academic year, to initiate start-up ventures,product development etc. This is however permitted only on successfully completing the courses listed out in the first four semesters. Request for this with ample evidence to the seriousness of the venture should be forwarded to the college principal for approval. [RU-3]

Break of study on serious health reasons is also permitted with the approval of the college Principal. [RU-3]

All such cases of break of study are to be reported to the University. In both the cases, the maximum duration for completing the B. Tech. programme will still be twelve semesters.

t. Revaluation and Grade Improvement

There is no provision for revaluation of the end semester answer books or for improving the grade. However, the student is permitted to check the answer books of the end semester examination after the results are declared. Any discrepancy in evaluation could be brought to the notice of the teacher concerned who will initiate appropriate action on this. The decision of the Controller of Examination shall be final on this.

u. Grade Cards

Students who have written the end semester examination will be given the grade cards for the registered courses, in every semester by the respective colleges. On earning the required credits for the degree, a consolidated grade sheet for the B. Tech programme will be given by the University.

v. B. Tech. Degree

B.Tech. degree will not have any classifications like distinction or first class.

w. B. Tech. (Honours)

Accredited departments in institutions, having at least two post graduate programmes, may offer B. Tech. (Honours). It should be noted that students with a CGPA above 8 at the end of the fourth semester and having no credit arrears only are eligible for this option.

As only selected institutions may have this provision, students cannot demand this or move later to an institute where this is available. Students have to earn 12 additional credits to get B. Tech (Honours). Furthermore their CGPA at the end of the programme should be 8 or higher. Those who opted for B. Tech (Honours) but unable to earn the required additional credits in 8 semesters or whose final CGPA is less than 8 shall automatically fall back to the B. Tech. programme. However, additional course credits and the grades thus far earned by them will be shown in the grade card but not included for the CGPA.

x. Academic Discipline and Malpractices in Examinations

Every student is required to observe discipline and decorous behaviour. Any act of indiscipline, misbehaviour and unfair practice in examinations will be referred to the Disciplinary Action Committee (DAC). Malpractices in examinations shall be viewed seriously and any such incident observed or reported by a faculty member or an invigilator associated with the examinations shall be reported to the Principal who in turn shall refer it to DAC. On the basis of the report and evidence available or gathered, DAC shall immediately initiate an enquiry giving the concerned student a chance to explain his/her case. Based on this the committee shall recommend the course of action in line with the guidelines formulated for this by the Controller of Examination of the University and forward it to the Principal for action.

Actions are to be based on the severity of the offence and are to be dealt with, on a course basis. Guidelines on this shall be given by the Controller of Examination which is to be followed by the Disciplinary Action Committee of the college.

The student may appeal to the Grievances and Appeals Committee for a relook on the matter. Based on the committee's report, the Principal shall take a final decision on the matter.

DAC shall be headed by a department head and shall have three other faculty members drawn from different departments as members. In case of malpractices in end semester examinations,

the report given by the college DAC and the action taken by the Principal shall be intimated to the Controller of Examination of the University

y. Student's Welfare Committee

Every college shall have a Student's Welfare Committee, constituted by the Principal of the college. This committee shall have at least three faculty members as members and the chairman shall be a senior faculty member in the rank of a Professor. This committee is entrusted with the task of looking after the welfare of the students by taking appropriate steps with the concurrence of the principal.

z. Grievances and Appeals Committee

Each college should have a Grievances Redress Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college. This committee consisting of at least three faculty members and chaired by a senior professor shall look into student's grievances and appeals and give its recommendations to the Principal for action.

8) Amendment to Ordinance/ Regulations/Rules

Notwithstanding all that has been stated above, the University has the right to modify any of the above Ordinance/Rules/regulations from time to time.

RULES:

RU-1 Course Code and Course Number

Each course is identified by a course code and a three digit number. The two letter code refers to the department offering the course or the knowledge segment of the course. The knowledge segment code is used when the course is to be offered by different departments either individually or together but having the same syllabus and course plan.

Course Number: MA 101 - This refers to a course in Mathematics

with the course number 101.

Course Number: BE 102 - This refers to a course in Basic Engineering.

Course Number is a three digit number and the first digit refers to the Academic year in which the course is normally offered, i.e. 1, 2, 3, or 4 for the B. Tech. Programme of four year duration. Of the other two digits, the last digit identifies whether the course is offered normally in the odd (odd number), even (even number) or in both the semesters (zero). The middle number could be any digit.

MA 101 is a course in Mathematics offered in the first semester. EE 344 is a course in Electrical Engineering offered in the sixth semester. PH 110 is a course in Physics offered both the first and second semesters. BE 102 is a course in Basic Engineering offered by one or many departments. These course numbers are to be given in the curriculum and syllabi.

RU-2 Attendance

Attendance is marked for each course. While 75% attendance is mandatory for writing the end semester examination in that course, students are expected to have 100% attendance. However under unavoidable circumstances students are permitted to take leave. Leave is normally sanctioned for any approved activity taken up by students outside the college covering sports and other extracurricular activities. Leave is also permitted on medical grounds or onpersonal exigencies. Leave of absence for all these is limited to 25% of the academic contact hours for the course. In case of long illness or major personal tragedies/contingencies the college Principal can relax the minimum attendance requirement to 60%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal shall keep all records which led to his decision on attendance, for verification by the Academic Auditor. However this concession is applicable only to any two semesters during the entire programme. In case of prolonged illness, break of study is permitted as per RU-3.

RU-3 Break of Study

A student is permitted to have a break of study.

i) In case of accident or serious illness needing prolonged hospitalization and rest.

ii) In case the student has a bright idea and would like to initiate a start-up venture or develop a new product.

iii) In case of any personal reasons that need a break in study.

For break of study due to illness, student should submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back the student shouldsubmit the fitness certificate from the doctor who treated him.Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the college Principal. The Principal shall evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and take an appropriate decision based on the team's recommendation. In the semester system followed by the University, break of study for an academic year is preferred over a semester break.

Students who want a break in study due to personal reasons shall convince the Principal on the genuine need for it by giving authentic evidence for the same.

RU-4 Leave of Absence

Students who want to take leave under RU2 have to submit a leave letter to the teacher conducting the course. This letter is to be forwarded to the Head of the Department with recommendation of the teacher indicating the total leave of absence the student has so far availed. Leave is to be sanctioned by the Head of the Department. For medical leave over three days, medical certificate indicating the need for leave is required. After any medical leave

exceeding five instruction days, on rejoining, the student has to produce the fitness certificate given by the doctor.

RU-5 Comprehensive Examination

This examination consists of two parts. Part one a written test and the other an oral one.

The written examination shall be objective type of 1 hour duration and shall have 50 marks and is to be conducted by the concerned department. Chairman of the oral examination board shall be a senior faculty in the department and the members include two other faculty members of the department and an external expert from another academic institute or an industry. Oral examination shall carry 50 marks. Comprehensive examination may be conducted any time during the 6th semester with sufficient notice given to the students.

RU-6 Seminar

Students have to prepare a detailed report on the topic of the seminar and submit it to the teacher concerned. The seminar is to be of 20 minutes duration with another 5 minutes given for questions and answers. All students in the class have to attend the seminar without fail. Evaluation will be based on the report, seminar presentation as well as on the ability of the student to answer the questions put forward. Faculty member in charge of the seminar and another faculty member in the department nominated by the Head of the Department are the evaluators for the seminar. Distribution of marks for the seminar is as Follows

Marks for the report: 30%

Presentation: 40%

Ability to answer questions on the topic: 30%

RU-7 Ragging

Ragging of any nature is a criminal and non-bailable offence. Involvement in ragging shall lead to stringent punishment, including

imprisonment as per the law of the land. A student, whose involvement in ragging is established, shall be summarily dismissed from the college. Each student of the Institute, along with his/her parent, is required to give an undertaking in this regard and the same is to be submitted at the time of registration.

Addendum:-

1. Calculation of SGPA/CGPA

Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.

SGPA = £(Ci×GPi)/£Ci where Ci is the credit assigned for a course and GPi is the grade point for that course. Summation is done for all courses registered by the student in the semester. Here the failed courses are also accounted.

CGPA = £(Ci×GPi)/£Ci where Ci is the credit assigned for a course and GPi is the grade point for that course. Summation is done for all courses registered by the student during all the semesters for which the CGPA is needed. Here the failed courses are also accounted. CGPA of all courses passed may also be given.

CGPA for the B. Tech programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.

2. Student Activity Points

Activities that a student can engage in and the maximum quantum of points that can be earned from them are listed below.

i) National Level Activities

Code	Name of activity	Max. Activity Points	Minimum Duration
NA1	N S O	70	Two Semesters
NA2	N C C	70	Two Semesters
NA3	N S S	70	Two Semesters

ii) College Level Activities

CA1	Active Member/ Office bearer of Professional Societies (Student Chapters)	30/40	Four Semesters
CA2	Elected Office bearer of Student forums	30	Two semesters
CA3	Member/Captain- College Athletic/ Games teams	20/30	Two Semesters
CA3	Executive Member of Student Clubs	20	Two Semesters
CA4	Volunteer for important College functions	20	Two Semesters
CA5	Committee member/ Organizer of Tech Fest/Cultural Fest/Conference	20/30	Two Semesters
CA6	Placed within top three in Paper presentation/ debate/cultural competitions etc	30	
CA7	Placed within top three in State level Sports/ Games	30	

Additional 20 points are given for CA3/CA7 if the achievement is at the national level.

iii) Entrepreneurship

EA1	Any Creative Project execution	40
EA2	Awards for Projects	60
EA3	Initiation of Start-ups	60

EA4	Attracted Venture Capital	80
EA5	Filed a Patent	80
EA6	Completed Prototype Development	80

iv) Self Initiatives

SA1	Attend a National Conference	20
SA2	Attend an Int. National Conference	30
SA3	Published/ got an Award for a Technical paper	30/40
SA4	Organiser of student level Technical Conf/Competition	30
SA5	Foreign language skills	50
SA6	Online courses taken & completed	50

Thiruvanthapuram
26-6-2015 **Registrar**

Student Activity Points

Apart from technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment. In order to nurture these qualities, KTU has introduced activity points to be earned by the students during their academic stay at the University covering extra-curricular and co-curricular activities. All students have to earn a minimum of 100 activity points from various activity segments listed to qualify for the B.Tech degree. Two credits are given for this on a pass/ fail basis and is mandatory for getting the B.Tech Degree. As no grade is given for these two credits, they are not included in the CGPA calculation. For lateral entry students joining from the third semester, the activity point requirement is 75. Points earned by the student will be indicated in the consolidated academic statement. Colleges shall consolidate the activity points earned by students on a semester basis and enter the consolidated points on an academic year basis in the KTU portal. In case of NSS and NCC, points can be entered after the completion of two-year Programme. The portal for this will only be open for a specific time period. All documental proof for awarding the activity points should be obtained and kept with the college authorities to be verified by the Academic Auditor.

THE MAIN ACTIVITY SEGMENTS ARE AS GIVEN BELOW:-

1. National Initiatives
2. Sports & Games
3. Cultural Activities
4. Professional Self Initiatives
5. Entrepreneurship and Innovation
6. Leadership & Management

The following table gives the list of activities under each of these segments, the level of achievement expected, activity points, evidence needed to assign the points and the minimum duration needed for certain activities. Additional activities falling under these segments can be considered, if requested by the college with full details. However this has to be approved by the Academic Committee of the KTU.

Professional Self Initiatives	8	Tech Fest, Tech Quiz	10	20	30	40	50	a	50	
	9	MOOC with final assessment certificate	50					a	50	
	10	Competitions conducted by Professional Societies - (IEEE, IET, ASME, SAE, NASA etc.)	10	15	20	30	40	a	40	
	11	Attending Full time Conference/ Seminars / Exhibitions/ Workshop/ STTP conducted at IITs /NITs	15					a	30	
	11 a	Attending Full time Conference/ Seminars / Exhibitions/ Workshop/ STTP conducted at KTU or its affiliated institutes	6					a	12	
	12	Paper presentation/ publication at IITs /NITs	20					a	40	
		Additional 10 points for certificate of recognition.								
	12. a	Paper presentation/ publication at KTU or its affiliated institutes	8					a	16	
		Additional 2 points for certificate of recognition.								
	13	Poster Presentation at IITs /NITs	10					a	20	
		Additional 10 points for certificate of recognition.								
	13. a	Poster Presentation at KTU or its affiliated institutes	4					a	8	
		Additional 2 points for certificate of recognition.								

	14	Industrial Training/ Internship (atleast for 5 full days)	20	a/b	20	
	15	Industrial/ Exhibition visits	5	a/b/d	10	
	16	Foreign Language Skill (TOEFL/ IELTS/ BEC exams etc.)	50	a	50	
Entrepreneurship and Innovation	17	Start-up Company – Registered legally	60	d	60	
	18	Patent-Filed	30	d	60	
	19	Patent - Published	35	d	60	
	20	Patent- Approved	50	d	60	
	21	Patent- Licensed	80	d	80	
	22	Prototype developed and tested	60	d	60	
	23	Awards for Products developed	60	d	60	
	24	Innovative technologies developed and used by industries/users	60	d	60	
	25	Got venture capital funding for innovative ideas/products.	80	d	80	
	26	Startup Employment (Offering jobs to two persons not less than Rs. 15000/- per month)	80	d	80	
	27	Societal innovations	50	d	50	

Leadership & Management			Core coordinator	Sub coordinator	Volunteer			
	28	Student Professional Societies (IEEE, IET, ASME, SAE, NASA etc.)	15	10	5	d	40	
	29	College Association Chapters (Mechanical, Civil, Electrical etc.)	15	10	5	d	40	
	30	Festival & Technical Events (College approved)	15	10	5	d	40	
	31	Hobby Clubs	15	10	5	d	40	
	32	Elected student representatives	30 (Chairman)	25 (Secretary)	15 (Other Council Members)	d	60	

*Level I College Events
*Level II Zonal Events
*Level III State/ University Events
*Level IV National Events
*Level V International Events

**Approval Documents: (a) Certificate (b) Letter from Authorities (c) Appreciation recognition letter (d)Documentary evidence (e) Legal Proof (f) Others (specify)

6. General Information to Students

6.1 Dress Code

Jyothi has prescribed uniforms and ID cards both for boys and girls. All students should wear them whenever they come to the campus to attend class or for any other purpose. Uniforms are supplied through the college office. Wearing coats over the uniforms while working in the workshops is compulsory. T-shirts, Jeans and slippers are not allowed. Boys should wear black full shoes and girls black half shoes.

6.2 Discipline, Conduct and Behavior

1. All students are expected to wear the college uniform in the campus.
2. The behavior of the students, comment on hairstyle, shaved face, both within and outside the college premises should be decent and befitting to a professional institution.
3. The students shall move silently when proceeding from one class to another so that classes at work are not disturbed.
4. No student shall leave the class without the permission of the concerned teacher.
5. Students are prohibited from organizing or attending meetings in the college, distributing notices and collecting money for any purpose without the permission of the Principal.
6. Any student:
   - who is persistently insubordinate
   - who is habitually irregular in attendance or inattentive to his work in the class
   - who is repeatedly or willfully mischievous or obscene in word or deed
   - who involved in cyber crimes or bullying against peers, teachers or the management
   - who is guilty of fraud or malpractice at examinations
   - who indulges in movements which lead to communal ill feelings or enimity
   - who indulges in ragging junior students

   Will be punished according to the decision of the disciplinary

committee.

7. Students must work quietly while in the library or the computer centre or spend time in such a way as not to cause any interference with the work of others.
8. Scribbling or etching on drawing boards and desks and writing on the wall are strictly prohibited.
9. Students are prohibited from shifting furniture or projection facilities provided by the college.
10. Students must not leave their vehicles in the college porch under any circumstance.
11. No student, staff or outsider is permitted to enter the class room while classes are going on without the permission of the concerned teacher.

6.3 Attendance and Leave Regulations

Student are expected to attend all classes without fail. If, for unavoidable reasons, leave of absence is required, permission from the competent authority should be sought as given below.

1.Application for ordinary leave should be submitted to the Group Advisor concerned, who is competent to sanction leave up to maximum of three days at a time. For periods beyond three days at a time, the Heads of Departments will be the sanctioning authority. **Applications for ordinary leave will not be considered under any circumstances, if submitted 2 days after the date of return from leave.**

2. Students may apply to the heads of departments through the group advisor for leave falling on medical grounds, within 3 working days after returning from leave. A Medical certificate should invariably be attached with the application. In the event of a student being short of attendance at the end of a semester, condonation of shortage of attendance will be recommended on this basis.

3. Students are eligible for duty leave, if they perform a duty for the college. Duty leave can be recommended by faculty members who are authorized to do so.

Duty leave application should be submitted to the Vice Principal before the duty is performed. The records of duty leave

sanctioned should be shown to the respective staff members and be entered in the attendance register. This must be done before the end of the semester. The respective group advisor must also be informed about the duty leave granted before the end of the semester.

Duty leave is limited to a maximum of 10% of the number of working days in a semester. Students who do not satisfy the attendance requirements as per university regulations will not be permitted to appear for the University Examinations.

6.4 Group Advisory System

A group advisory system has been implemented very effectively to help the students. Each student is attached to a faculty advisor who will be responsible for the welfare of those under him/her. The faculty Advisor keeps records of all academic and extracurricular activites besides personal information of the student under him/her.

6.5 Ragging

Ragging of any type or misconduct towards any student both in the college campus and outside shall be considered a criminal offence and will be immediately reported to the police. Perpetrators will not be permitted to continue their studies.

Students and parents shall, at the time of admission, furnish an affidavit to the effect that the students shall not indulge in ragging.

Use of mobile phone in the Educational institutions is banned by the State Government of Kerala and Hon'ble High Court of Kerala.

7 Campus Facilities

7.1 Infrastructure

The college has an excellent infrastructure with a built up area to four lakh. sq. ft. All the classrooms are provided with modern audio-visual facilites. We have 9 well equipped work shops, 35 labs, 5 seminar halls and conference halls, a state-of-the-art computer centre and 6 computer labs with over 608 PCs networked, with broadband internet connectivity.

7.2 Centralised Computer Centre:

Working Hours: 9:00AM to 7:30PM (Monday to Saturday)

First Year students are permitted to use the internet lab from 11:50am

to 12:40pm.Others from 12:40pm to 1:30pm.Common browsing time 4:30 pm to 7:30 pm. During class time, in order to use internet lab students have to get permission from the concerned staff.
Total machine population = 767 Machines

Sun fire X4150 and ProLiant DL380 Gen9 are Servers with internall and external RAID storages. Windows domain server for centralized management. Library server for Digital library. Can view NPTEL videos for study purposes
Red hat linux server as automation server. Redhat linux servers for Programming labs.

7.2.1 Departmental Computing Facility

All the departments are provided with computers and printer with necessary software relevant to their disciplines. The computers are networked through LAN.

7.2.2 Central Computing Facility

A Central Computing Facility with over 210 systems is available.

7.2.3 Internet Facility

64 Mbps leased line connectivity for the internet usage of staff and students with no extra charges.
Jyothi is a Wi Fi enabled campus.

7.3 Office

The office of Jyothi Engineering College functions from 9.00 am to 5.00 pm on all days except the Govt. holidays. It can be contacted through the college phones. the office has two main sections viz. General Administration and Accounts. General Administration section deals with all establishment matters, student related matters, University affairs etc. It caters to various requirements of faculty and students besides supporting all administrative processes. Students are required to submit written requests for various services, using standard forms.

7.4 Accounts Department

<u>Instructions Regarding Payment of Semester Fee & Bus Fee</u>

A. Payment of Semester Fee

1. E-Fee Payment : We introduced E-Fee Payment procedure from 2013 onwards. With this method any parent or student can pay fee all over India in any of the Federal Bank branch without an account.

Payment Procedure : Take print-out of **E-Fee Challan** (http://jecc.ac.in/documents/challan.pdf) from our college website and fill the details such as branch name, date, fee details, student's name, batch name, student's admission number (admission number is printed in the College Identity card of each student below the name of the student). **Fill the admission number with atmost care because it is the basis of the transaction**. Produce the filled challan in any of the nearest Federal Bank and make payment.

2. Easy Payment : The Fednet facility of Federal Bank is available to pay your tuition fee, hostel fee etc. (link : http://epay.federalbank.co.in/easypayments/Login.aspx. This method is avialable from January 2016 onwards. It helps you to pay the college fees without going to the bank. **Payment can be done through the net banking facility of any bank or through Visa/Master Cards-Debit Cardds or Credit Cards.** There is no charge for this transaction through Fed-net. Other banks might levy a small fee as bank charges.

Payment Procedure : From website use the link Easy Payments. This opens the window of Federal Bank Easy Payments. You can create a user ID and password by clicking in the option New User. If you are an existing user provide the credentials and Sign in. Then from right side select "Add Payee" and add the admission number ofthe student. After that you can view the list of fee due in Tuition fee and hostel fee under the **Payment** tab.Select the appropriate fee and make payment by selecting the bank.

You can track the payment details in the payment history tab.

B. Other Fee Payments

Tuition Fees : - Generally tuition fees are collected Semester wise in July & January every year, but tuition fees for First Semester will be collected at the time of admission. Notice regarding time schedule for Tuition Fees payment will be issued at the appropriate time, defaulters will be fined at the rate of Rs. 50/- per day including holidays. Students who avail bank loans are requested to get the release well in advance to avoid a fine. Letters for bank loans will be issued from college office on request.

Bus Fees : - Bus fees are collected Semester wise July to December and January to June every year. Notice regarding Bus fare to different locations is displayed on the Notice Board. Bus pass is mandatory for travelling in College Bus. Weekend passes will be allowed only on the last and first working day of each week. Students are requested to follow this Bus Rules displayed in College Buses. The violation of Bus rules will attract a fine of Rs. 500/-.

Hostel Fees : - Notice regarding monthly hostel bills are displayed on the Hostel Notice Board before the 10th day of the following month. Hostel fees should be remitted before publishing the following month's bill, defaulters will be fined at the rate of Rs. 250/- per day.

Examination Fees : - University Exam Fees are accepted in the College Office only for Regular Examinations on Scheduled dates. Exam fees for other candidates will not be accepted.

Fine : - Fine charged should be remitted in College Office and receipts should be produced on demand.

C. Refunds

Caution Deposits : - Caution deposits will be refunded from the college office on scheduled dates on written request both from the parent and the student. Students must submit a 'No Dues Certificate ' duly filled from various Departments. Any dues in College and hostel will be deducted from Caution Deposits. Students must produce the original receipts of the Caution Deposit along with the written request.

Refundable Deposits : - Refundable deposits will be paid from the college office on scheduled dates on written request and a declaration regarding the loan availed from banks or any other agencies. Students must produce the original receipts of the Refundable Deposit, bank loan account number, name of bank and branch etc.. along with the written request. Refund will be made directly to the concerned bank in respect of those who have availed of bank loans.

Excess Fees Received : - Any excess amount remitted will be refunded to students only through crossed cheque.

Scholarships : - Scholarships from College Management, Government and other agencies will be adjusted towards fees. Excess scholarship amount received will be refunded as per rules. Eligible students are requested to renew their scholarship every year and full fees will be collected from defaulters.

Timings : - Cash dealings will be made from 9.00 AM to 1.30 PM and 2.00 PM to 3.30 PM

7.5 Placement & Training

The Placement and Training Cell is formed to look after the place ment activities. The Placement & Training Officer Prof. Bibin Roy sees that eligible candidates are placed in keeping with their abilities.Regular training programmes are organized to make the students employable. Classes on Aptitude testing, Business English and group discussions form a major part of the programme as do instructions on personality development. Our training programmes are based on the lines suggested by major core and IT companies in the Industry. Some of the companies which have visited Jyothi campus in the recent past include: UST, Infosys, Accenture, Wipro, Syntel, Reliance and banks like South Indian Bank to name a few. Soft skill development is also addressed with an emphasis on communication skills and the use of the English language. More than 80% of the students have been placed through the direct intervention of the Placement cell and some have been placed through off campus interviews.

Email ID:pat@jecc.ac.in

7.6 Central Library

The Jyothi Engineering College Central Library has an area of 758 sq.m and is housed in the administrative block spanning 2 floors. It has a seating capacity for 160 (Given for WAAO) clientele and provides information in a serene setting. The library has reference, journal,

reprography and digital sections. The library has got a collection of 34936 volumes consisting of 11538 titles in Humanities & different domains of science and technology.

Rules and Regulations

1. All staff members and students are members of the library
2. Use of library is normally restricted to its members only. Others have to produce written permission from the Principal to use the library facilities.
3. The library will be open from 9.00 am to 7.30pm on all days (Mon- Friday). On Saturdays and during the vacation the working time is up to 5.00 pm only.
4. Issue time is from 9.00am to 6.00pm. Issue will not be done during class timings.
5. Each student shall enter his/her name and class in the register kept at the entrance for the purpose.
6. Books, hand bags, umbrellas and other personal belongings must be left outside before entering the library. One note and decorum in the library. Use of mobile phones inside the library is strictly prohibited.
7. The papers and periodicals lying on the table shall not be removed from the reading room or from the place allotted for them.
8. Every U G student will be entitled to borrow maximum of Four books and PG students Six books at a time from the library.
9. Teaching staff and Non-Teaching staff can borrow Eight books and Four books respectively.
10. Before leaving the counter the borrowers shall examine the books taken by them and point out any mutilation or defect in any book to the librarian and have these noted in the book and date of return of the book will be noted in the return slip pasted

in the book. For retaining books beyond the due date of return, a member will have to pay an overdue charge of Rupees two per initialed by the librarian. Otherwise the borrowers will be held responsible for any damage or mutilation observed.

11. Members shall show the books borrowed from the library to the library staff while leaving at the gate.
12. Books issued to students must be returned within 14 days. Thebook per day for first one week and thereafter at the rate of rupees 10.
14. The librarian has the right to call back any book issued to any member before the due date if it is wanted for some special reasons.
15. Writing in the books, soiling, causing injury to the binding, tearing of pages etc. are strictly forbidden.
16. If any book is lost, damaged or mutilated the borrower shall be required to replace the book (new one) with fine or have to pay such compensation as may be decided by the principal.
17. The transfer or sub lending of books is strictly prohibited
18. Journals and codes of practices shall not be taken outside the library.
19. While using the internet, printout shall not be taken.
20. Students are advised to follow any other rules / modification to existing rules issued from time to time.

Major Services

Book Loan Service

Reference Service

Document Delivery Service

Interlibrary Loan

Reprographic Service

Internet Browsing and CD-ROM Search

Current Awareness Service

Digital Library

A good collection of 1911 CD-ROMs and electronic journals can be accessed through the digital library. In the digital library we have 32 computers connected to the Internet. The library provides IP enabled access to Journals in Engineering & Technology by the following major publishers

* IEEE ASPP + POP Combo Package by IEEE
* ASME e-Journal Package by ASME
* Elsevier Engineering + Computer Science Package by Elsevier
* ASTM Digital Library by ASTM International
* ASCE e-Journal Package by ASCE
* Knimbus Engineering & Technology Package

The library has membership (Membership No. IM-1353) in **Delhi Library Network (DELNET)** which provides access to Union Catalogue of Books & Journals, Inter library Loan and Document Delivery Services etc. It maintains an Online Union Catalogue of books available in its member-libraries. The information can be retrieved by author, title, subject, conference, series, etc. It has 2,03,71835 bibliographic records in the union catalogue of books. The request for inter-library loan can be placed through the online system. The Library also subscribes to web courses and video lectures developed under **National Programme on Technology Enhanced Learning *(NPTEL)*** by IIT Madras which is funded by Ministry of Human Resource Development (MHRD), Government of India. The main objective of NPTEL program is to enhance the quality of engineering education in the country by developing curriculum based video and web courses. This is being carried out by seven IITs and IISc Bangalore as a collaborative project. NPTEL has 123 Web Courses and 291 video courses.

JEC Library Digital Repository has been developed with the help of open source software, DSpace (version 1.7.0), in order to collect, preserve and make accessible the scholarly and professional literature. Currently

we have uploaded the question papers, syllabus, project reports etc which can be accessed through Intranet- http://202.88.225.92/campusbook

7.7 Other Facilities

7.7.1 Hostels

The college provides hostel facilities for boys and girls. Santhome Men's Hostel can accommodate 350 boys and Marian Ladie's Hostel accomodates 420 girls. The hostels are separate establishments and are headed by the Warden assisted by Resident Tutors. Implicit obedience of hostel rules are mandatory for getting accommodation in the hostels.

7.7.2 Transportation

BUS ROUTES

Bus No 10 (Mannuthy) **Starting Time : 7.20 AM**

Route : Mannuthy Church - Mukkattukara - Nellanghara Church-Pension Moola – Chembukkavu – Karama – MG Kavu-Poomala Road–Vazhakode–Mullurkara– Jyothi College

Bus No 11 (Vatanapilly) **Starting Time : 7.15 AM**

Route : Vadanappilly - Kandassmkadavu - Olari – West fort – Jyothi College

Bus No 12 (Nadathara) **Starting Time : 7.30 AM**

Route : Nadathara Church – Nadathara – Keerthy Nagar - Kuttanelloor – Thottapadi - Hill Garden – Amoose - Thrissur Town - Wadakkanchery – Jyothi College

Bus No 13 (Ollur) **Starting Time : 7.25 AM**

Route : Kuriachira - Thrissur Town -Wadakanchery – Jyothi College

Bus No 14 (Parapur) **Starting Time : 7.20 AM**

Route : Parapur - Chittilapilly - Amala Centre – Ayanthole – West Fort - Pukkunnam – Patturakkal - Thrissur Town – Wadakanchery – Jyothi College

Bus No 15 (Pallikunnu) **Starting Time : 7.00 AM**

Route : Pallikunnu - Amballur - Kallur (W) - Marathakara – Kuttanellur - East Fort - Wadakanchery - Jyothi College

Bus No 16 (Palakkad) **Starting Time : 7.00 AM**

Route : :Palakkad –Parli –Manakara - Ottapalam – Kulapully – SMP Junction - Jyothi College

Bus No 17 (Peramangalam) **Starting Time : 7.20 AM**

Route : Peramangalam - Mundur – Varadiyam – Kottekad – Vyoor – Wadakanchery – Jyothi College

Bus No 18 (Vadakkumchery) **Starting Time : 7.15 AM**

Route : Vadakkumchery - Alathur - Pazhayannur - Mepadam – Chelakkara - Jyothi College

Bus No 19 (Valanchery) **Starting Time : 7.15 AM**

Route : Valanchery - Koppam - Pattambi - Ongallur – Vadanamkurressi - Kullappully - Shornur Town - Jyothi College

Bus No 23 (Kodakara) **Starting Time : 7.10 AM**

Route : Kodakara - Nellai - Pudukad - Amballoor – Thalore – Ollur Estate – Ollur – Olluir ESI – Jyothi College

Bus No 24 (Irinjalakuda) **Starting Time : 7.10 AM**

Route : Irinjalakuda – Mapranam - Cherp – Perumbillisserry – Chevoor - Valiyalikkal - Koorkencherry - Metro – Jyothi College

Bus No 25 (Bishop House) **Starting Time : 7.30 AM**

Route : Bishop House - Kundukad - Ottupara – Jyothi College

Bus No 26 (Pattikkad) **Starting Time : 7.10 AM**

Route : Pattikkad - Mannuthy Bye Pass - East Fort – Thrissur Town – Wadakanchery - Jyothi College

Bus No 27 (Mammiyoor) **Starting Time : 7.30 AM**

Route : Mammiyur – Kunnamkulam – Erumapetty - Ottupara - Jyothi College

Bus No 28 (Pavaratty) **Starting Time : 7.20 AM**

Route : Pavaratty – Chittatukara - Mattam- Alloor –Kechery - Kuranchery- Jyothi College

Bus No 29 (Ammadam) **Starting Time : 7.20 AM**

Route : Ammadom - Kodannur - Palakkal - Jyothi College

Bus No 30 (Kunnathangadi) **Starting Time : 7.30 AM**

Route : Chettupuzha - Olari - Thrissur - Jyothi College

Bus No 31 (Chavakkad) **Starting Time : 7.20 AM**

Route : Chavakkad - Guruvayur - Kechery - Wadakkanchery - Jyothi College

Bus No 32 (Sreekrishnapuram) **Starting Time : 7.10 AM**

Route : Sreekrishnapuram - Cherpulassery - Varode - Ottapalam - Shoranur - Cheruthuruthy - Jyothi College

Bus No 33 (Thriprayar) **Starting Time : 7.00 AM**

Route : Thriprayar - Peringottukara - Pazhuvil - Cherp - Koorkenchery - Jyothi College

Bus No 34 (Chelakkara) **Starting Time : 8.00 AM**

Route : Chelakkara - Jyothi College

Bus Rules

1. Students may travel in college buses only with proper Bus Passes which should be produced on demand to Bus Co-ordinators, Bus staff or to any person authorized by the college management.
2. The Bus Pass is Non- Transferable.
3. Students are not allowed to travel in college buses other than the allotted one or to the destination other than the specified one.
4. Travel with weekend passes will be allowed only on the last and first working days of each week.
5. Bus fees will be collected only semester wise (ie. July to December and January to June every year). Bus fees once paid will not be refunded under any circumstances.
6. Playing of music is not allowed during the morning trips to college.

7. Students are not allowed to enter, reserve or keep their bags before the final bell of the college.
8. Students are not allowed to get down from buses at places other than the allotted ones. Exemptions will be allowed with prior permission from Finance Manager or Bus Co-ordinator.
9. Students must co – operate to keep the bus neat and clean.
10. Complaints if any regarding bus service can be lodged to Finance Manager or to the concerned Bus Co-ordinator.
11. Students are requested to obey the instructions of Bus Co-ordinators and Bus staff and strict action will be taken against defaulters.
12. The decision of Bus Co-ordinators will be final if problems arise in the buses.
13. A fine of Rs. 500/- will be imposed for violation of the Bus rules.

DETAILS OF BUS CO-ORDINATORS

Bus No.	Starting Place	Co-ordinators	Mobile No.
10.	Mannuthy	Dr. Adarsh N Gokul	9447992652
11.	Vatanapilly	Mr. Jaison M J	9995978682
12.	Nadathara	Mr. Alister Polwin	9446901803
13.	Ollur	Ms. Nivya Wilson	9847272568
14.	Parapur	Mr. Shaju C A	9446385501
15.	Pallikunnu	Mr. Prasoon Jacob	9745235658
16.	Palakkad	Mr. Guruvayoorappan V	9562145185
17.	Peramangalam	Mr. Davis C C	9847765057
18.	Vadakkumcheri	Ms. Girish C	9544567762
19.	Valancheri	Ms.Nikhila A P	9947516936
23.	Kodakara	Mr. Anil Antony	9746222670
24.	Irinjalkuda	Ms. Neethu Rose Thomas	8547801784
25.	Bishop House	Mr. Rich K J	9895220952
26.	Pattikkad	Ms.Nyni K A	9809482265
27.	Mammiyur	Mr. Franklin Francis C	9745456544
28.	Pavaratty	Mr. Jophy P J	9605119617

29.	Ammadam	Mr. Dany Varghese	9539130122
30.	Kunnathangadi	Mr. Jisha Akkara	9633103108
31.	Chavakkad	Ms. Nithil Jose	9633898683
32	Sreekrishnapuram	Mr. Pradeesh C.G	9809976097
33	Thriprayar	Ms. Neeraja P.G	9633905448
34	Chelakkara	Ms. Suganthi	9846827737

Transport Committee Chairman

Fr. Joju Chiriankandath 7561888515

Transport Contractors

ATS Travels

NASHA Travels

7.7.3 Health Club

Separate Health Clubs for boys and girls are arranged in the campus.

7.7.4 Book and Stationery Store

The college runs a Book Store where text books, note books Laboratory/Workshop records, Laboratory, Manuals, surveying instruments and stationary are available for students and faculty.

7.7.5 Bank

An extension counter of the Federal Bank Ltd. (Cheruthuruthy) functions in the college premises. Students pay their fees and the staff draw their salary through the extension counter. The banking facilitiy is also open to the public.

7.7.6 Canteen

A full fledged canteen functions in the campus for the convenience of the staff and students. Two coffee shops in the main building serve coffee/tea and snacks.

7.7.7 College Chapel

The third floor of the Administrative block houses a beautiful chapel for the spiritual needs of the students and staff. Students are encour-

aged to spend some time each day in the chapel for their spiritual nourishment. Mass is celebrated for the Catholic students every day. First Friday Mass will be in the college auditorium at 12.30 p.m.

Mass Timings:

Monday and Thursday - 6.55 p. m.
Tuesday, Wednesday, Friday, Saturday, Sunday - 6.30 a. m.

7.7.8 Prayer Hall for non-Catholics.

The college has provided facilities for non catholic staff and students to offer prayers as per their religious practices.

7.7.9 Reprographics Facilities

Facilities are available for taking photocopies at concessional rates. Binding of Project reports and related work can also be done at nominal rates in the campus.

7.7.9 FAB Lab

Jyothi Fab lab - Digital Fabrication Lab – was set up to Inspire Students and entrepreneurs to turn their ideas into new products and proto types, giving them access to a range of digital manufacturing technology. The objective of **Jyothi Fablab** is to encourage the **innovation**, technology development, product prototyping, maker **learning**, and commerciable product development.

8. Professional Bodies and Clubs

8.1 Staff Club

A staff Club functions in the college to facilitate cultural and academic activities among the staff.

Staff Club : Office bearers

Patron	Fr. Roy Joseph Vadakkan
President (Ex-officio)	Fr. Dr. Jaison Paul Mulerikkal CMI
Secretary	Ms. Aswathy Wilosn
Joint Secretary	Mr. Sivakumar K S

8.2 NSS

NSS Co-ordinators (Unit 1) Mr. Nidhin Johnson (AP-BSH) & Ms. Vini P (Chemist, CE)

(Unit 2) Mr. Majeendran K, (T.I.-EE) & Ms. Saritha N (T.I.-EE)

National Service Scheme (NSS), the scheme was launched in Gandhiji's Centenary year, 1969. Aimed at developing student's personality through community service, NSS is a voluntary association of young people in Colleges, Universities and at +2 level working for a campus-community linkage.

The cardinal principle of the NSS program is that it is organized by the students themselves, and both students and teachers through their combined participation in community service, get a sense of involvement in the task of nation building. It gives opportunity to students to interact with society, teaches dignity of labour, develops personality and enhances cultural and artistic talents.

A unit of NSS JECC (Unit No: 244) was inaugurated on 27/10/2011 in the college auditorium.

Each Unit has 100 volunteers, having one Male Secretary, nominated by the Programme Officer for each unit.

Activities & Regular activities

Regular activities consist of the following :-

* Literacy/Educational Programme.
* Environment/Waste land development and conservation.
* Reconstruction/Repair of Roads.
* Immunisation/Health camps.
* Blood donation camps.
* Awareness camps on drug Abuse/AIDS(UTA)/HIV.
* Programmes for Women.
* Work in Hospitals/Orphanages/ Destitute Homes.
* National Integration/Communal Harmony Programmes.

* Activities during emergencies such as flood, war earthquake, Tsunami etc.
* Celebration of important days.

Innovative Programmes Introduced in 2005-06

* Service learning activities
* Collaborative social research
* Rain my life campaign
* Legal Literacy programme
* Bharath Mahan campaign
* Thematic workshops

Special Camps

A Special Camp consists of 50 volunteers/unit and should last for 7 days. Activities consist of village/tribal colony adoption, preservation and conservation of Rainwater, Nature Study Camps, Mass greening Programmes, Wild life awareness, etc

Certificate

Certificates are issued to NSS volunteers at the Final year of study. They should have completed 240 hours of work in NSS and attended a special Camp during their course.

8.3 Jesus Youth

Co-ordinator : Fr. David Nettikkadan

Jesus Youth is an International Catholic Youth Movement with a charismatic spirituality. It had its beginning in Kerala. It is now active in different countries across the world. Jesus Youth is an initiative of young people themselves, who, filled with the Holy Spirit try to reach out to their peers. Convinced that youth is a time of great generosity and creativity, young people from all walks of life are encouraged to do something for the Lord. This has resulted in various ministries and faith formation programmes and retreats for interested students. Every year we conduct a charismatic retreat for catholic students under the

guidance of the Management team. Every Friday, there is a prayer meeting and on week days there are gatherings of different ministries such as: Core Team gathering, Music Ministry, Bible Ministry, Intercession Ministry etc. We conduct reach out programmes to different charitable institutions thus giving an opportunity for the members to meet the poor and needy.

8.4 Environmental Forum (Natura)

Co-ordinator : Ms. Priya Jose (AP-BSH)

Natura, the Environmental forum of Jyothi Engineering College aims at attaining a clean and healthy environment today, tomorrow and forever. We have conducted several activities as part of our academics. A sapling of gooseberry was planted in the college campus. Many articles in connection with Natura are being displayed on the college notice board 'Jyothi Journal' once in 15 days. Models regarding Global Biogeochemical cycles were displayed by students

8.5 Blood Donors Forum

Co-ordinator : Ms. Jasmin Jose (AP-BSH)

An active Blood Donor's forum is running in Jyothi Engg. College which has become a great aid for lots of patients in Medical College Thrissur, Jubilee Mission Medical College Thrissur, Amala Medical college, West Fort Hospital etc. The forum has a history of providing blood at any time of day which has proved to be a great help for patients in critical condition. The forum conducts one voluntary Blood Donation camp in each semester. Talks by various eminent personalities from the medical profession to promote voluntary Blood donation among the students are conducted regularly. Around 300 members of the forum work as volunteers, organizers and blood donors. The website **http://bddjecc/x10.mx/**maintains a directory of student and staff donors.

8.6 College Union

The college union consists of the elected class representatives from among the students. It is the body that addresses the concerns, needs and welfare of the student community. Its ultimate goal is to strive

to meet the various needs of the students, both academic and cultural.

The following **office bearers** are elected from the class representatives.

1.	Mr. Sibin Sreeniavas (S7 ME)	Chairman
2.	Ms. Nayana P N (S7 EC)	Vice Chairman
3.	Mr. Jishnu V Nair (S5 EC)	General Secretary
4.	Ms. Lakshmi P (S5 EC)	Joint Secretary
5.	Mr. Palatty Jesvin Joseph (S7 EC)	UUC-1
6.	Ms. Hinda Mariya (S7 CS)	UUC-2
7.	Mr. Jacob Joseph (S5 ME)	Arts club secretary
8.	Ms. Elsa Rose (S5 CS)	Magazine editor

The following are the main objectives and scope of the Union.

1. Train the students in duties, responsibilities and rights of citizenship
2. Promote opportunities for the formation of character, leadership, knowledge and spirit of service.
3. To encourage sports, arts cultural and educational activities which are vital for the moulding of refined citizens.
4. The College union assists various associations to conduct technical seminars, symposiums, paper presentation etc.

8.7 IEEE

IEEE is a non profit professional association with more than 3,67,000 members including 73,000 students in over 150 countries. The global organization helps and supports development and application of technology and science around the world for the benefit of the humanity, the individual and the professional IEEE serves as a major publisher of scientific journals and as a conference organizer. It is also a leading developer of industrial standards in broad range of disciplines including electric power, and energy, biomedical technology and health care, information technology, information assurance, telecommunications and nano technology.

A unit of IEEE functions in our college and our members take active part in its programmes. HUB level and National level programmes are organized in the college.

Email : ieee@jecc.ac.in

Website : http://ieee.jecc.ac.in

Present Office Bearers are:

Student Branch Counsellor	-	Mr. Jinesh K J (AP-EC)
Department Co-ordinators	-	Ms. Asha John (AP-EC)
		Mr. Thomas George (AP-CS)
		Mr. Jithin K Jose (AP-EE)
Chair Person	-	Student Representative
Vice Chairperson	-	” ”
Secretary	-	” ”
Joint Secretary	-	” ”
Treasurer	-	” ”
Web Master	-	” ”
Link Rep	-	” ”
WIE Chairman	-	” ”

8.8 Computer Society of the India (CSI)

Name of the CSI Student's Branch: **CSI@JYOTHI**

Total No of Members : 189

CSI Student's Branch Counselor

Mr. Bineesh M (AP-cs)

Academic Institution Nominees

1. Ms. Sobha Xavier (AP-CS)
2. Mr. Bineesh M (AP-CS)
3. Ms. Seenia Francis (AP-CS)
4. Student Representative, President
5. Student Representative, Treasurer

8.9 ISTE

Our college is an institutional member of ISTE with **IM Code: IM 1273**. A Student Chapter of ISTE is also functioning in the college and the **Chapter code is KE-58**. The ISTE Chapter of Jyothi Engineering College is very active and bagged the Best Emerging Chapter Award for the academic year 2011. The ISTE Chapter of the college regularly conducts various ISTE Sponsored Faculty and Student Development programs for the benefit of both members of Faculty and student community within and outside the college.

Office Bearers of ISTE Chapter of the College

Dr. Fr. Jaison Paul Mulerikkal CMI	:	Principal and Chairperson
Dr. Deepanraj B	:	Secretary cum Treasurer
Mr. Cijil B John	:	Member
Mr. Shaiju Paul	:	Member
Ms. Nyni K A	:	Member
Ms. Saritha P	:	Students branch / Co-ordinator

8.10 The Institution of Engineers (India)

The Institution of Engineers (India) established in 1920, is the largest professional body in India, fulfilling its obligations under the Royal Charter granted in 1935. There are 100 Centres spread all over India and 5 Centres abroad IEI is organizing technical activies at the International national and regional levels for the past 91 years for the advancement of Science and practice Engineering.

Our college is an Institutional Member of IEI (Insitutitional Member sihp No : IM-142). In addition to this we have established student chapters. Our five Departments are accredited by the Institution.

Total No. of Members : 321

Details of Chapters

Capter Code Name of Faculty Advisor

679531/JEC/CV	Ms. Shiny Shajan
679531/JEC/CS	Mr. Aneesh Chandran
679531/JEC/EC	Ms. Alice K Paul
679531/JEC/EE	Mr. Jenson Jose
679531/JEC/MC	Mr. Nikhil N S

8.11 SAE INDIA Collegiate Club

SAEINDIA is India's leading resource for mobility technology. As an individual member driven society of mobility practitioners the ownership of SAEINDIA wrests with its members who are Individuals from the mobility community, which includes Engineers, Executives from Industry, Government Officials, Academics and Students. SAEINDIA is an affiliate society of SAE International registered in India as an Indian non-profit engineering and scientific society dedicated to the advancement of mobility industry in India. By becoming a member of SAEINDIA you become a part of a global organization whose benefits are geared specifically to the needs of the mobility engineering community. Your formal education and professional development will be enhanced through your SAEINDIA member benefits.

Collegiate clubs provide students with tangible contact with their future profession - engineering - and, in so doing, further the objectives of engineering education. SAEINDIA Collegiate Club of Jyothi Engineering college was officially formed during the academic year 2015-2016.

Senior Faculty Advisor: Dr. David K J (Assoc. Prof.-ME)
Additional Faculty Advisor: Mr. Anto Zacahrias (AP-ME)

7.12 Indian Concrete Institute (ICI)

ICI is the national organization of engineering professionals, employed in concrete construction and associated research in India. It was founded in 1982 in Chennai following a resolution in the International Seminar and Exhibition on 'Modernization of Concrete Practices' organized jointly by the Structural Engineering Research Centre (SERC) and Anna

University. The ICI imparts training to working professionals in changing technologies in concrete constructions, promote research work in concrete technologies, publish journals on research finding, newer technologies and solution for practical problems, collaborate with agencies employed in concrete construction, research and associated manufacturers for better adoption of the technology by working professionals.

In Jyothi Engineering College there is a students chapter of Indian Concrete Institute is functioning from the year 2014-2015As a part of the rules and regulation for student chapter there should be four life members and minimum of 30 students members

Names of the staff members are as follows

1. Prof .S. Rathish (HOD-CE)
2. Prof M.G.Cyriac (Asso. Prof.-CE) staff in charge of ICI

8.13 Parent - Teacher Association

Objectives of the Association

The Parent teacher Association is actively working in this college. The objectives the association are:

1. To work for the welfare of the students and of the institution and to offer constructive suggestions for the smooth and the successful functioning of the college.

2.To promote better participation of the parents in the various programmes of the college, and to establish better rapport with teachers.

The office bearers of the Association for the year 2017-18 are:

Mr. Hareendranathan A K	-	**President**
Mrs. Rani Anto	-	**Vice President**
Mr. Thomas George	-	**Secretary**
Mrs. Jasmin Jose	-	**Treasurer**

In addition to the elected members, faculty are nomiated by the Principal.

PTA Executive Members 2017 – 2018

Sl No.	Name	Mobile No	Class
1	Mr. Gopakumar	9446762220	S7 CE
2	Mrs. Krishna Jyothi T	9946734017	S7 CS-A
3	Mr. Thomas M C	9446086658	S7 CS-B
4	Mr. Ramachanran	9447778066	S7 EC-A
5	Mrs. Smitha P N	9495528414	S7 EC-B
6	Mr. Baby Vazhakala	9846384883	S7 EE
7	Mr. Davis Pynadath	9349599107	S7 ME-A
8	Mr. Antony P P	9446760905	S7 ME-B
9	Mrs. Rani Anto	9496530498	S7 ME A
10	Mr. Manzoor P K	9495885196	S5 CE
11	Mrs. Nycil K S	9947501407	S5 CSE A
12	Mr. Hareendranathan A K	9447270017	S5 CSE B
13	Mrs. Sindhu Sunil	9746987235	S5 ECE A
14	Mrs. Geetha	9846402216	S5 ECE B
15	Mrs. Sheeja Murali	9447716570	S5 EEE
16	Mr. Sabu J Chethalan	9947061858	S5 ME A
17	Mrs. Thahirabi K S	9526251570	S3 CE
18	Mrs. Roselind	8547820769	S3 CS-A
19	Mrs. M B Bindhu Menon	9746010358	S3 CS-B
20	Mrs. Prasanna C	8281337180	S3 EC-A
21	Mr. M V G Warrier	8921996551	S3 MR
22	Mr. Ashok N	9400707049	S3 EEE
23	Mr. Mohandas K V	9495712299	S3 ME-A
24	Mr. N Renjan	9400200354	S3 ME-B

8.14 Women Development Cell

In compliance with a directive from the University of Calicut, Jyothi Engineering College has opened a Women Development Cell (WDC). It acts as a forum for providing a conducive environment for self

empowerment of girl students and to take care of the problems and matters related to them.

The Women Development Cell of Jyothi Engineering College was inaugurated on 31-03-2009 by Ms. Margi Sathi, the renounced Koodiyattom artist of Kerala Kalamandalam, and is named as "SANSKRITHI". "Each woman for a woman" is the motto of WDC. **The Staff Coordinator of the cell is Ms.Jasmin Jose (AP-BSH)**. Two representatives among the from girl students are selected during each academic year to function as the President and Secretary respectively. All the women of the college are members of the forum. Regular talks, lectures and orientation programmes meant for students are held.

For any issue, contact wdc@jecc.ac.in

8.15 TECHNOLOGY BUSINESS INCUBATOR

TBI@jec is an initiative by Jyothi Engineering College, set up to promote innovation and entrepreneurship by converting and translating technology ideas in various disciplines of science and engineering, into products, processes and services, for commercial exploitation and for the benefit of society. We facilitate incubation of new enterprises with innovative technologies by admitting them into TBI and providing them with physical, technical and networking supports and services. TBI is a approved centre of TECHNOPARK TVM.

OBJECTIVES

- Incubate early stage entrepreneurial ventures based on technol ogy and innovation.
- Train the entrepreneurs in technology and business management.
- Promote and foster entrepreneurial spirit amongst students.
- Carry out activities that facilitate knowledge creation, innovation and entrepreneurship activities.
- Identify technologies and innovations which have potential for commercial ventures.

* Establish a platform for speedy commercialization of the technologies developed in the institutes to reach the end-users.

Extension centre of Technopark

The Technopark TBI is acclaimed to be one of the best in the country and is supported by the Department of Science & Technology (DST) and Department of Scientific & Industrial Research (DSIR) of the Government of India. They nurture young talents, helping them to survive and grow during the critical start-up stage when they are most vulnerable. The association of tbi@jec as an extension centre of the Technopark TBI adds a huge momentum to our concept. All incubated companies at tbi@jec will be provided with the support and guidance of Technopark TBI. Also the incubates can use the name of Technopark TBI for their promotion. For any innovative proposal for new product development, Technopark TBI shall assist the innovator for filing TePP Funding Appication to DSIR.

Activities of TBI

1. IT Support for College Admission
2. Developed and maintaining
   a. website for Jyothi Engineering College (www.jecc.ac.in)
   b. website for Archdiocese of Trichur (www.trichurarchdiocese.org)
   c. College Automation software CAMPUS BOOK
   d. College Library software
   e. Online feed back system
   f. College admission software
   g. Automation software for College store
   h. Online Examination system
3. Developing ERP for Archdiocese of Trichur
4. Website Administration for Parishes

E-mail: tbi@jecc.ac.in.

8.16 Innovation & Enterpreneurship Development Cell

Innovation & Entrepreneurship Development Cell (IEDC) has been functional in the college since year 2009 to inculcate entrepreneurial orientation among students through formal and non-formal programmes. IEDS also acts as an agent to enhance analytical skills and general awareness of students and to promote skills of interaction on entrepreneurial Developmet. EDC also trains students to work and create self employabilty or to become JOB CREATORS.

IEDC Fauilty Chairman	:	Mr. Anil Antony (AP, CS)	
IEDC Faculty Convener	:	Mr. Melvinraj C R (AP, ME)	
IEDC Student Coordinator	:		
overall in charge	:	Student Representative	
Co-operative & Industrial Relation	:	"	"
Student Entrepreneurship Network	:	"	"
		"	"
Women Entreneurship	:	"	"
Web/Creative/Editorial	:	"	"
Events & Operations	:	"	"

8.17 Swachh Bharat Summer Internship

Swach Bharat Summer Internship (SBSI) aimed at engaging college Youth with Swachata work in Village in Summer Vacation. Under it, Students will undertake 100 hours of activities in daily shramadan, creation of sanitation Infrastructure, system building etc. The best Internship will be recognised at college, University, State and National Levels. Every Intern who Completes the SBSI will also be provide to a certificate of Internship by the Swach Bharat Mission.

8.18 Unnat Bharat Abhiyan

Unnat Bharat Abhiyan is a flagship programme of MHRD that aims to enrich Rural India. Under this programme higher educational Institution

will participate on developmental activities particularly in rural India. This Scheme aims to link higher education Institution with Villages, so that they can contribute to economic and social betterment of these village communities.

9. Activities

9.1 Extra Curricular Activities

The College has a number of indoor and outdoor sports facilities to encourage students in sports activities. Indeed, the college students actively participate in the National, Inter-university, State district level, Level and intercollegiate level tournaments and win prizes and bring laurels to the College. The College also conducts a sports meet and distributes prizes to the winners and runners up. The college has seperate fitness centers for boys and girls.

9.2 Co-Curricular Activities

The College believes that students' mental capabilities will blossom when they interact with their fellow students and participate in brain storming sessions, debate, group discussions, essay-writing and Quizing activites.

- Every year the college organizes a number of extra and co-curricular activities among various branches of the College.
- The students also participate in the above events organized by other Universities and Colleges and have won prizes in national level competitions.
- The students also participate in the above events organized by other Universities and Colleges and have won prizes in national level competitions.
- Intercollegiate festivals and competitions are conducted in sports, arts and cultural programmes.

10. Class Tutors for the Academic Year 2018-19

DEPT	SEMESTER	NAME OF CLASS TUTOR	PHONE
CE	**S1**	Ms. Jasmin Jose	9446984847
		Ms. Neeraja P G	9633905448
	S3	Ms. Anju M.J	7994255788
		Ms. Archana s	9447855422
	S5	Mr. Aswin P Vijayan	9846625890
		Ms. Nikhila A.P	9947516936
	S7	Ms. Rachana R	9745257836
		Ms. Shyni Shajan	9562179047
CS	S1-A	Ms. Priya Jose	9446940630
		Mr. Dany Varghese	9539130122
	S1-B	Mr. Sivakumar K S	9497458071
		Ms. Seenia Francis	9446365104
	S3 -A	Ms. Namitha T N	9497676827
		Mr. Unnikrishnan A	9539424991
	S3 -B	Mr. Shaiju Paul	9633525895
		Ms. Swapna B Sasi	9447125373
	S5-A	Ms. Ninu Francis	9446045708
		Ms. Divya M Menon	9495880085
	S5-B	Mr. Anil Anotny	9746222670
		Ms. Reshma K.V	9961373905
	S7-A	Mr. Aneesh Chandran	9846612956
		Ms. Aswathy Wilson	9656175020
	S7-B	Ms. Sobha Xavier	9961635525
		Mr. Bineesh M	9946934976

EC	S1	Mr. Rich K J	9895220952
		Dr. Anoop V	9895837646
	S3	Ms. Shiny M I	9495996110
		Dr. Prajoon P	9496355455
	S5-A	Mr. Rijo P C	9495229233
		Ms. Ambily Francis	8907071298
	S5-B	Ms. Asha John	9400534498
		Ms. Neethu Rose Thomas	8547801784
	S7	Mr. Ponmani Raja	9995388808
		Ms. Roshini Rajan	9995613889
EE	S1	Ms. Renju Francis	9895442027
		Mr. Jithin K Jose	8547156458
	S3	Ms. Della David	9895083581
		Mr. Akhil A Balakrishnan	9496347695
	S5	Dr. Shijoh V	9544900980
		Ms. Saritha P	9847797683
	S7	Ms. Aswathy Rajan	9037655975
		Mr. Kapil Das M	9496351517
MC	S1	Ms. Minu Jos	9895522810
		Ms. Sreethumol M	9400437261
	S3	Mr. Jinesh K.J	9400086378
		Ms. Soumya C	9745066568

ME	S1-A	Ms. Viji E.P	9400822484
		Mr. Biju C V	9447388932
	S1-B	Ms. Nivya Wilson(BSH)	9847272568
		Mr. Sukesh O P	9633103837
	S3-A	Mr. Hareesh N V	9809189457
		Mr. Nice Menachery	9895580629
	S3-B	Mr. Melvinraj C R	9846995515
		Ms. Nisha Sherif	9961726939
	S5-A	Mr. Sreejith K	9037006044
		Mr. Christy V Vazhappilly	9895638192
	S5-B	Mr. Anto Zacharis	9497323482
		Mr. Nikhil N.S	9947541390
	S7-A	Mr. Sreejith A	8547604688
		Mr. Suneeth Sukumaran	9496352391
	S7-B	Mr. Cijil B John	9447703545
		Mr. Praveen Raj	9447314582

11. Outcome Based Education Framework for UG Programmes

1. Programme Vision & Mission

a. Civil Engineering

Vision

To emerge as a Centre of Excellence in Civil Engineering through quality professional education and to create eminent leaders with values committed to the profession and society.

Mission

- To impart state of the art education and to provide industry exposure to students.
- To create civil engineers who successfully adapt and innovate solutions for the built environment.
- To inspire and transform the students to hard core professionals and academicians with values.

b. Computer Science & Engineering

Vision

Creating eminent and ethical leaders in the domain of Computational Sciences through quality professional education with a focus on holistic learning and excellence.

Mission

- To create technically competent and ethically conscious graduates in the field of Computer Science and Engineering by encouraging holistic learning and excellence.
- To prepare students for careers in industry, academia and the Government.
- To instill Entrepreneurial Orientation and research motivation among the students of the department.
- To emerge as a leader in education in the region by encouraging teaching, learning, industry and societal connect.

c. Electronics & Communication Engineering

Vision

Create eminent and ethical leaders in the field of Electronics and Communication through quality professional education to excel in academia and industry.

Mission

- Provide theoretical and practical knowledge through quality education and life skills training to make competent graduates with leadership and social commitment.
- To impart entrepreneurial orientation and motivation for research among the students through knowledge transfer between industrial, academic & research institutions

d. Electrical & Electronics Engineering

Vision

To become a Centre of Excellence in Electrical and Electronics Engineering through high quality technical education with emphasis on Holistic Excellence.

Mission

- To inculcate Ethical Professionalism through Value Based Quality Education so as to equip the students with appropriate skills for a meaningful career and holistic excellence and promote creative engineering ideas for the benefit of the society.

e. Mechanical Engineering

Vision

To provide quality education of international standards in Mechanical Engineering and promote professionalism with ethical values, to work in a team and to face global challenges.

Mission

- To provide an education that builds a solid foundation in Mechanical Engineering.
- To prepare graduates for employment, higher education and enable a lifelong growth in their profession.
- To develop good communication, leadership and entrepreneurship skills to enable good knowledge transfer .
- To inculcate world class research program in Mechanical Engineering.

2. Programme Education Objectives (PEOs)

a. Civil Engineering

- Graduates will have concrete knowledge in the application of necessary mathematical tools, scientific theories and modern developments

in civil engineering.

- Graduates will understand the societal needs and will be committed in developing optimal solutions.
- Graduates will pursue higher education, research or entrepreneurship apart from being employable.
- Graduates will be competent to face challenges in civil engineering through lifelong learning process and will have high ethical values, honesty and responsibilities.

b. Computer Science & Engineering

- The graduates shall have sound knowledge of Mathematics, Science, Engineering and Management to be able to offer practical software and hardware solutions for the problems of industry and society at large.
- The graduates shall be able to establish themselves as practicing professionals, researchers or Entrepreneurs in computer science or allied areas and shall also be able to pursue higher education in reputed institutes.
- The graduates shall be able to communicate effectively and work in multidisciplinary teams with team spirit demonstrating value driven and ethical leadership.

c. Electronics & Communication Engineering

- Graduates shall have fundamental and advanced knowledge in electronics and communication engineering along with knowledge in mathematics, science and computing and get employed in national or international organizations or government agencies.
- Graduates shall have ability in analyzing, designing and creating innovative solutions which lead to a lifelong learning process or higher qualification, making them experts in their profession thus helping to solve electronics & communication engineering and social problems.
- Graduates shall have good organizing capability, presentation skills, communicating ability, leadership, team work and ethical practices.

d. Electrical & Electronics Engineering

- Graduates shall have a good foundation in the fundamental and

practical aspects of Mathematics and Engineering Sciences so as to build successful and enriching careers in the field of Electrical Engineering and allied areas.

- Graduates shall learn and adapt themselves to the latest technological developments in the field of Electrical & Electronics Engineering which will in turn motivate them to excel in their domains and shall pursue higher education and research
- Graduates shall have professional ethics and good communication ability along with entrepreneurial skills and leadership skills, so that they can succeed in multidisciplinary and diverse fields.

e. Mechanical Engineering

- Graduate Engineers shall have strong practical and theoretical exposure in the field of Mechanical Engineering and will contribute to the society through innovation and enterprise.
- Graduate Engineers shall have global outlook and technological leadership, good employments or opt for higher studies/research and have creative thinking to initiate and develop innovative ideas.
- Graduate Engineers shall have excellent teamwork, communication and interpersonal skills, having high morals and ethical values.

Programme Outcomes (POs)

(Common to all under graduate programmes)

Engineering Graduates will be able to:

- **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes (PSOs) :

a. Civil Engineering

- Acquire execution level knowledge / Acquire applied knowledge in Environmental Engineering, Geotechnical Engineering Structural Engineering and Transportation Engineering.
- Utilise theoretical concepts and technical skills in developing appropriate solutions for water quality management, sanitation, pavement design, traffic engineering and transportation planning.

b. Computer Science & Engineering

- An ability to apply knowledge of data structures and algorithms appropriate to computational problems.
- An ability to apply knowledge of operating systems, programming languages, data management, or networking principles to computational assignments.
- An ability to apply design, development, maintenance or evaluation of software engineering principles in the construction of computer and software systems of varying complexity and quality.
- An ability to understand concepts involved in modeling and design of computer science applications in a way that demonstrates comprehension of the fundamentals and trade-offs involved in design choices.

c. Electronics & Communication Engineering

- Professional skills: Associate the concepts related to Electronics, Communication, Embedded Systems,Signal Processing and VLSI to solve real life problems.
- Problem solving ability: Comprehend technology advancement to analyze and design systems using modern design tools for the benefit of the society.
- Lifelong learning and ethical Values: Have good communication skills, work as a team,develop leadership qualities,become professionals or entrepreneurs with ethical values.

d. Electrical & Electronics Engineering

- Graduates possess ability to have good foundation in theoretical and practical aspects of Electrical & Electronics Engineering.
- Graduates possess ability to model, analyze, design and realize

physical systems, components or processes thereby adapt themselves to the latest research and developments in the field of Electrical & Electronics Engineering.

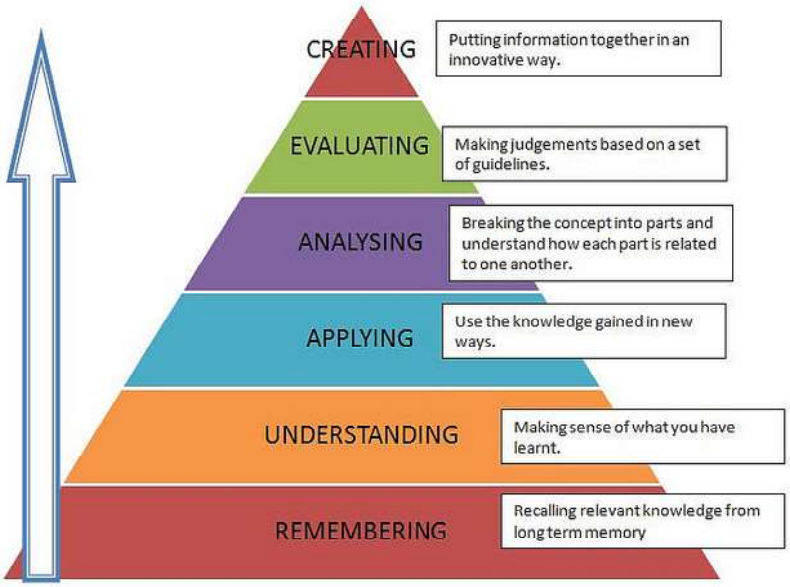
- Graduates possess ability to communicate and work professionally as well as take up entrepreneurial endeavors in the field of Electrical Engineering and allied areas for the benefit of the society.

e. Mechanical Engineering

- Graduates would be able to apply their knowledge in the domains of manufacturing, fluid and thermal sciences to solve engineering problems.
- Graduates would be able to apply the principles of design and analysis on product design with the help of modern CAD/CAM tools.
- Graduates would be able to apply the basic principles of engineering and management practices in various practical fields to engage themselves in research/Industry/Society.

12. Bloom's Taxonomy of Educational Objectives

One of the most widely used ways of organizing levels of expertise is according to Bloom's Taxonomy of Educational Objectives. Organizing measurable student outcomes in this way will allow us to select appropriate classroom assessment techniques for the course. There are three taxonomies. Which of the three to use for a given measurable student outcome depends upon the original goal to which the measurable student outcome is connected. There are knowledge-based goals, skills-based goals, and affective goals (affective: values, attitudes, and interests); accordingly, there is a taxonomy for each. Within each taxonomy, levels of expertise are listed in order of increasing complexity. Measurable student outcomes that require the higher levels of expertise will require more sophisticated classroom assessment techniques.



വെളിച്ചമേ നയിച്ചാലും...

ADMINISTRATION

AND

FACULTY

2018-19

ADMINISTRATION					
Sl. No.	Name	Designation	Qualification	E-mail	Phone Number
1	**Rev. Mgr. Thomas Kakkassery**	**Manager**	**M.A. M.Phil. B.Th.**	**manager@jecc.ac.in**	**9495275350**
2	Fr. Roy Joseph Vadakkan	Assistant Manager(A&A)	MBA. PGDMLE	fr.royjoseph@jecc.ac.in	9526964455
3	Fr. Joju Chiriyankandath	Assistant Manager(F)	BA, PGDVM	fr.jojuchiriankandath@jecc.ac.in	7561888515
4	Er. Thomas Mathew	Administrator	B.Sc (Engg). FIE PGDM	thomas_mathew@jecc.ac.in	9447892286
5	Er. Boby Peter	Assistant Administrator	M.Tech, MBA	bobypeter@jecc.ac.in.	9048140200
7	Sr. Rosily	Warden (Girls)		sr.rosily@jecc.ac.in	9747672276
8	Sr. Teena	Warden (Girls)		sr.teena@jecc.ac.in	

List of Faculty as on 01.08.2018

1	**Fr. Dr. Jaison Paul Mulerikkal**	**Principal**	**B. Tech., M.S., Ph.D**	**principal@jecc.ac.in**	**7561888936**
2	**Prof. Ratnan P**	**Vice Principal**	**M.Tech**	**ratnan@jecc.ac.in**	**9746147492**
CIVIL ENGINEERING					
3	**Prof. S Rathish**	**Prof & HOD**	**M.Tech, MS**	rathishs@jecc.ac.in	**9447138920**
4	Dr. Anitha Jacob	Associate Professor	M.Tech, Ph.D	anithajacob@jecc.ac.in	9447092923
5	Dr. Nidhi M	Associate Professor	M.Tech, Ph.D	nidhim@jecc.ac.in	8281086343
6	Cyriac M G	Associate Professor	M.Tech.	cyriacmg@jecc.ac.in	6447732610
7	Jisha Akkara	Assistant Professor	M.Tech	jishaakkara@jecc.ac.in	9633103108
8	Neeraja P G	Assistant Professor	M.Tech	neerajapg@jecc.ac.in	9633905448

9	Anju M J	Assistant Professor	M.Tech	anjumj@jecc.ac.in	7994255788
10	Nikhila A P	Assistant Professor	M.Tech	nikhilap@jecc.ac.in	9947516936
11	Manju Manohar	Assistant Professor	M.Tech	manjumanohar@jecc.ac.in	9847352230
12	Rachanan.R	Assistant Professor	M.Tech	rachana.r.87@gmail.com	9745257836
13	Sooraj Krishanan	Assistant Professor	M.Tech	soorajkrish90@gmail.com	9447310354
14	Aswin P Vijayan	Assistant Professor	M.Tech	aswinpvijayan@jecc.ac.in	9846625890
15	Archana S	Assistant Professor	M.Tech	archanas@jecc.ac.in	9447855422
16	Vincy Verghese	Assistant Professor	M.Tech	vincyverghese@jecc.ac.in	7012429933
17	Shiny Shajan	Assistant Professor	M.Tech	shinyshajan@jecc.ac.in	9562179047
18	Jestine J Thannickal	Assistant Professor	M.Tech	jestinejthannickal@jecc.ac.in	9446248368
COMPUTER SCIENCE & ENGINEERING					
19	**Fr. Dr. A K George**	**Prof & HOD**	**M.Tech., Ph.D**	akg@jecc.ac.in	9496998769
20	Dr. Vinith R	Associate Professor	M.Tech., Ph.D	vinithr@jecc.ac.in	9061406729
21	Divya M Menon	Associate Professor	M.E.	divya@jecc.ac.in	9495880085
22	Thomas George K	Assistant Professor	M.Tech	thomas@jecc.ac.in	9447239077
23	Aswathy Wilson	Assistant Professor	M.Tech	aswathy@jecc.ac.in	9656175020
24	Anil Antony	Assistant Professor	M.E.	anil@jecc.ac.in	9746222670
25	Seenia Francis	Assistant Professor	M.E.	seenia@jecc.ac.in	9446365104
26	Namitha T N	Assistant Professor	M.E.	namitha@jecc.ac.in	9497676827
27	Swapna B Sasi	Assistant Professor	M.E.	swapna@jecc.ac.in	9447125373
28	Shaiju Paul	Assistant Professor	M.Tech	paulson@jecc.ac.in	9633525895

29	Bineesh M	Assistant Professor	M.E.	bineesh@jecc.ac.in	9946934976
30	Aneesh Chandran	Assistant Professor	M.E.	aneesh@jecc.ac.in	9846612956
31	Sobha Xavier P	Assistant Professor	M.Tech	sobhapxavier@jecc.ac.in	9961635525
32	Unnikrishnan P	Assistant Professor	M.Tech	unnikrishnanp@jecc.ac.in	9539424991
33	Reshma K V	Assistant Professor	M.Tech	reshmakv@jecc.ac.in	9961373905
34	Dany Varghese	Assistant Professor	M.Tech	danyvarghese@jecc.ac.in	9539130122
35	Ninu Francis	Assistant Professor	M.Tech	ninufranics@jecc.ac.in	9446045708
36	Akhila B Nair	Assistant Professor	M.Tech	akhila@jecc.ac.in	8086430117
37	Vinod K	Assistant Professor	M.Tech	vinodk@jecc.ac.in	9567225125
38	Fepslin Athish Mon	Assistant Professor	M.Tech	fepslinathishmons@jecc.ac.in	9442422429
ELECTRONICS & COMMUNICATION ENGINEERING					
39	**Dr. Jose P Therattil**	**Professor & HOD**	**M.Tech, Phd**	**dr.josepherattil@jecc.ac.in**	**9496731126**
40	Dr. Muralee Krishnan C	Dean (PG Studies)	M.E., MBA, Ph.D	muralee@jecc.ac.in	9895731562
41	Dr. Anoop V	Associate Professor	M.E., Ph.D	vanoop@jecc.ac.in	9895837646
42	Dr. Prajoon P	Associate Professor	M.Tech, Phd	prajoonp@jecc.ac.in	9496355455
43	Annie P Joseph	Associate Professor	M.Tech	anniepjoseph@jecc.ac.in	9480229612
44	Sindhu S	Associate Professor	M.Tech	sindhus@jecc.ac.in	9633132924
45	Shiny M.I.	Assistant Professor	ME	shiny@jecc.ac.in	9495996110
46	Dipin Krishnan R.	Assistant Professor	ME	dipin@jecc.ac.in	9645055028
47	Jinesh K J	Assistant Professor	M.Tech	jineshkj@jecc.ac.in	9400086378
48	Bindhu K Rajan	Assistant Professor	M.Tech	bindhuk@jecc.ac.in	9995010047

49	Krishnapriya (Study Leave)	Assistant Professor	M.Tech	krishnapriya@jecc.ac.in	9497316539
50	Drisya M K	Assistant Professor	M.Tech	drisya@jecc.ac.in	9645351678
51	Ambily Francis	Assistant Professor	M.Tech	ambily francis@jecc.ac.in	8907071298
52	Asha John	Assistant Professor	M Tech	ashajohn@jecc.ac.in	9400534498
53	Rijo P C	Assistant Professor	M Tech	rijopc@jecc.ac.in	9495229233
54	Vivek Lukose (Study Leave)	Assistant Professor	M Tech	v.lukose@iitg.ernet.in	7896172174
55	Nyni K A	Assistant Professor	M Tech	nyni@jecc.ac.in	9809482265
56	Ponmani Raja	Assistant Professor	M.E.	ponmani1985@gmail.com	9995388808
57	Roshni Rajan	Assistant Professor	M.Tech	roshni@jecc.ac.in	9995613889
58	Neethu Rose Thomas	Assistant Professor	M.E.	neethrose@gmail.com	8547801784
59	Fr. David Nettikkadan	Assistant Professor	M.Tech	davidnettikkadan@jecc.ac.in	9142044050
60	Soumya C	Assistant Professor	M.Tech	soumya@jecc.ac.in	9745066568
61	Sreethumol M V	Assistant Professor	M.Tech	sreethu@jecc.ac.in	9400437261
62	Shaicy P Shaji	Assistant Professor	M.Tech	shaicypshaji@jecc.ac.in	9677946836
	ELECTRICAL & ELECTRONICS ENGINEERING				
63	**Dr. Jarin T**	**Asso. Professor & HOD**	**ME Ph.D**	**jarint@jecc.ac.in**	**9626623332**
64	Dr. Shijoh V	Assistant Professor	M.Tech	shijohv@jecc.ac.in	9544900980
65	Anu Sunny	Assistant Professor	M.Tech	anu@jecc.ac.in	9446766070
66	Jenson Jose	Assistant Professor	M Tech	jensonjosep@jecc.ac.in	9497359153
67	Della David	Assistant Professor	M.Tech	della@jecc.ac.in	9895083581

68	Kapil Das	Assistant Professor	M.E.	kapildas@jecc.ac.in	9496351517
69	Saritha P	Assistant Professor	M.Tech	saritha@jecc.ac.in	9847797683
70	Aswathy Rajan	Assistant Professor	M.Tech	aswathyrajan@jecc.ac.in	9037655975
71	Aathira K V	Assistant Professor	M.Tech	aathira@jecc.ac.in	9995197906
72	Akhil A Balakrishanan	Assistant Professor	M.Tech	akhilbalakrishanan@jecc.ac.in	9496347695
73	Mr. Jithin K Jose	Assistant Professor	M.E.	jithinkjose@jecc.ac.in	8547156458
74	Ms. Nisha P V	Assistant Professor	M.Tech	nishapv@jecc.ac.in	9447322459
			MECHANICAL ENGINEERING		
75	**Dr. Biju P L**	**Professor & HOD**	**M.Tech., Ph.D**	bijupl@jecc.ac.in	9497625292
76	Dr. David K J	Associate Professor	M.Tech., Ph.D	davidkjohn@jecc.ac.in	9846539968
77	Dr. George Raphael	Associate Professor	M.Tech., Ph.D	grapheal@gmail.com	8304016528
78	Dr. Gibin George	Assistant Professor	M.Tech. Ph.D	gibingoerge@jecc.ac.in	9497056180
79	Dr. Deepan Raj B	Assistant Professor	M.Tech, MBA, Ph.D.	deepanraj@jecc.ac.in	8333945554
80	Lawrance C A	Associate Professor	ME	lawranceca@jecc.ac.in	9446393693
81	Biju. C V	Associate Professor	M.E	bijucv@jecc.ac.in	9447388932
82	Manoj Kumar V.K	Assistant Professor	M.Tech	manojkumar@jecc.ac.in	9446153531
83	Praveen Raj	Assistant Professor	M.E	praveenraj @ jecc.ac.in	9447314582
84	Christy V Vazhappilly	Assistant Professor	M.Tech	christyvv@jecc.ac.in	9895638192
85	Melvin Raj C R	Assistant Professor	M.Tech	melvinraj@jecc.ac.in	9846995515
86	Nikhil N S	Assistant Professor	M.Tech	nikhilns@jecc.ac.in	9947541390
87	Suneeth Sukumaran	Assistant Professor	M.Tech	suneethsukumaran@jecc.ac.in	9496352391

88	Sreejith K.	Assistant Professor	M.Tech	sreejithk@jecc.ac.in	9037006044
89	Hareesh N V	Assistant Professor	M.Tech	hareeshnv@jecc.ac.in	9809189457
90	O P Sukesh	Assistant Professor	M.Tech	sukeshop@jecc.ac.in	9633103837
91	Nisha Sherief	Assistant Professor	M.Tech.	nishasherief@jecc.ac.in	9961726939
92	Nice Menachery	Assistant Professor	M.Tech.	nicemenachery@jecc.ac.in	9895580629
93	Sheik Afthab S	Assistant Professor	M.Tech.	sheikafthabs@jecc.ac.in	9896347349
94	Cijil B John	Assistant Professor	M.Tech.	cbjohn91@gmail.com	9447703545
95	Arun Raj A	Assistant Professor	M.Tech.	arunraja@jecc.ac.in	9895035297
96	T.R. Sreesastha Ram	Assistant Professor	M.Tech.	sreesastharam@jecc.ac.in	9633132961
97	Jithin K Kuriakose	Assistant Professor	M.Tech.	jithink@jecc.ac.in	9496340595
98	Raghavan K	Workshop Supdt	B.Sc. Engg	kraghavan@jecc.ac.in	9447615134
99	Anto Zacharias	Assistant Professor	M.Tech.	antozacharias@jecc.ac.in	9497323482
100	Sreejith A	Assistant Professor	M.Tech.	sreejith.a@jecc.ac.in	8547604688
101	Lt. Col. A K Antony (Retd.)	Associate Professor	B.Tech., MBA	akantony@jecc.ac.in	9444072037
SCIENCE, HUMANITIES AND BASIC ENGINEERING					
103	**Prof. Fr. John Tharayil**	**Professor & HOD**	**M.Sc. MA Coun.**	**frtharayil@jecc.ac.in**	**9847336610**
104	Fr. George Plassery	Professor	M.Sc., MCS	plassery@jecc.ac.in	9349847143
105	Priya Jose	Assistant Professor	M.Sc., M.Phil	priyajose@jecc.ac.in	9446940630
106	Dr. M Balagopalan	Professor	M.Sc., Ph.D	balagopalmachingal@jecc.ac.in	9447991608
107	Jasmin Jose	Assistant Professor	M.Sc., M.Phil	jasmin@jecc.ac.in	9446984847
108	Minu Jose	Assistant Professor	M.Sc., M.Phil	minujose@jecc.ac.in	9895522810

109	Smija Skaria	Assistant Professor	M.Sc., M.Phil	smijaskaria@jecc.ac.in	9400919366
110	Sivakumar K S	Asst. HOD & Assistant Professor	M.Sc.	sivakumar@jecc.ac.in	9497458071
111	Renju Francis	Assistant Professor	M.Sc., M.Phil	renjufrancis@jecc.ac.in	9895442027
112	Nivya Wilson	Assistant Professor	M.Sc., M.Phil	nivyawilson@jecc.ac.in	9847272568
113	Dr. Baby C.B	Professor	MA, M.Phil, Ph.D	babybalan@jecc.ac.in	9946485100
114	Fr. Roy Joseph Vadakkan	Assistant Professor	MBA, PGDMLE	fr.royjoseph@jecc.ac.in	9447615321
115	Dr. Usha Menon	Professor	Ph.D, PGDTCE, DIPJ	ushamenon@jecc.ac.in	9387773240
116	Davis Padical	Professor	M A	davispadical@jecc.ac.in	7736559468
117	Fr. Dr. Flergin Antony	Assistant Professor	MA., Ph.D	frflergin@jecc.ac.in	9488092857
118	Rich K J	Assistant Professor	M.Sc.	richkj@jecc.ac.in	9895220952
119	Viji E P	Assistant Professor	M.Sc. B.Ed.,	vijiep@jecc.ac.in	9400822484
120	Bibin Joy	Placement & Training Officer	MBA	bibinjoy@jecc.ac.in	9746032226
121	Suganthi T	Assistant Professor	MA	suganthi@jecc.ac.in	9846827737
122	Nidhin Johnson	Assistant Professor	M.PEd.	nidhinjohnson@jecc.ac.in	9995066545

NON - TEACHING STAFF

Sl. No.	Name	Designation	Qualification	E-mail	Phone Number
Civil Engineering					
1	Reshma K.C.	Trade Instructor	Diploma	reshmakc@jecc.ac.in	9544165672
2	Franklin Francis	Trade Instructor Gr.II	Diploma	franklinfrancis@jecc.ac.in	9745456544
3	Vini. P	Chemist	B.Sc. B.Ed	vinip@jecc.ac.in	8129943840
4	George C J	Instructor	Diploma	georgecj@jecc.ac.in	9446424520
5	Prasoon Jacob	Junior Instructor	Diploma	prasoonjacobj@jecc.ac.in	9745235658
Computer Science & Engineering					
6	Snitha Thomas	Trade Instructor (HG)	MCA	snithathomas@jecc.ac.in	9495035296
8	Aneesh P B	Trade Instructor Gr. II	Diploma	aneeshpb@jecc.ac.in	9946086836
7	Sudheesh C N	Trade Instructor Gr. II	Diploma	sudheeshcn@jecc.ac.in	9447774901
9	Varsha Varghese	Junior Instructor	Diploma	varshavarghese@jecc.ac.in	9947518043
Electronics & Communication Engineering					
12	Eleesa Davi	Instructor	Diploma	eleesadavi@jecc.ac.in	9447992248
11	Binoj V J	Inst. Mechanic	Diploma	binojvi@jecc.ac.in	9947167068
13	Abdul Saleem N M	Junior Instructor	ITI	Abdulsaleem@jecc.ac.in	9809636867
14	Pradeesh C G	Junior Instructor	ITI	pradeesh@jecc.ac.in	9809976097
10	Nithil Jose	Junior Inspector	B.Tech	nithiljose@jecc.ac.in	9633898683
15	Fr. Ajeesh Babu P	Trade Instructor Gr.II	B.Tech	fr.ajeeshbabu@jecc.ac.in	8281868585

Electrial & Electronics Engineering					
16	Raghavan N K	Trade Instructor	ITI	raghavannk@jecc.ac.in	9447236075
17	Majeendran K	Trade Inst.Gr.II	Diploma	majeendran@jecc.ac.in	9446873899
18	Davis K T	Junior Instructor	Diploma	daviskt@jecc.ac.in	8089522902
19	Saritha N	Junior Instructor	Diploma	saritha@jecc.ac.in	9496756168
20	Alister Polwin	Trade Inst.Gr.II	Diploma	alisterpolwin@jecc.ac.in	9446901803
Mechanical Engineering					
21	George Kunjuvareed	Tradesman	ITI	george@jecc.ac.in	8129665850
22	Davis C C	Trade Instructor Gr.II	ITI	daviscc@jecc.ac.in	9847765057
23	Jaison M J	Trade Instructor Gr.II	Diploma	jaisonmj@jecc.ac.in	9995978682
25	Shaju C A	Trade Instructor Gr.II	ITI	shajuca@jecc.ac.in	9446385501
29	Velayudhan K T	Trade Instructor Gr.II	ITI	velayudhankt@jecc.ac.in	9961344084
24	Jophy P J	Junior Instructor	ITI (NCVT)	josphypj@jecc.ac.in	9605119617
26	Guruvayoorappan V	Instructor	ITI, NCVT	guruvayoorappan@jecc.ac.in	9562145185
27	Shijin K M	Trade Instructor Gr.II	Diploma	shijinkm@jecc.ac.in	8907670747
28	Girish C	Junior Instructor	Diploma	girishc@jecc.ac.in	9544567762
30	Parameswaran K	Junior Instructor	ITI	parameswarank@jecc.ac.in	9946025109
Basic Science					
31	O P Kuriakose	Lab Assistant		kuriakose@jecc.ac.in	4885286179
32	V S Subrahmanian	Lab Assistant		subrahmanian@jecc.ac.in	9446228688

Computer Centre					
33	Jefrin Jose	Network Operations Manager & Trade Instructor Gr. II	Diploma	jefrinjose@jecc.ac.in	7907432539
34	Vishnu E G	Computing Facility Asst.	Diploma	vishnu@jecc.ac.in	8281165065
35	Joseph V K	Assistant, CC	Pre-Degree	josephvk@jecc.ac.in	9746735345
Office					
36	Baji Jose	Office Manager	M.Com	bajijose@jecc.ac.in	9447918658
37	Girishkumar N G	Office Assistant	B.Com	girishkumar@jecc.ac.in	9747816331
38	Latha S	Office Assistant	BA	lathas@jecc.ac.in	9446877542
39	Vidya K	Office Asst. & PS to Principal	B.Sc.	vidyak@jecc.ac.in	9605185063
40	Rejitha C K	Manager, Accounts	B.Com, ICWA (Inter)	rejithack@jecc.ac.in	9496622609
41	Laiju P Thomas	Accountant	M.Com	laijuthomas@jecc.ac.in	9961693252
42	Lijo T J	Accountant	B.Com	lijotj@jecc.ac.in	9496655326
43	Sr. Rosily	Cashier		sr.rosily@jecc.ac.in	9747672276
44	Baby Koola	Driver		babykoola@jecc.ac.in	9745561262
45	Anthony C P	Disciplinary in charge		anthonycp@jecc.ac.in	9446339544
Library					
47	Dr. Adarsh N Gokul	Librarian	M.Lisc., M. Phil, Ph. D	dr.adarsh@jecc.ac.in	9447992652
48	Manija M	Assistant Librarian	M. Lisc.	manijam@jecc.ac.in	9447724935
49	Remya SN	Library Assistant	B.Com, PGDCA	remyasn@jecc.ac.in	9400304612
50	Syamala C	Library Assistant	B.Com, M.Lisc.	syamalac@jecc.ac.in	9747170360

Store & Project Office					
51	Lt Col Jacob E D (Retd.)	Project Engineer	B.Tech	jacobed@jecc.ac.in	9800454545
52	Sr. Teena	Store Keeper			
53	Joseph P J	Store Keeper Asst.		josephpj@jecc.ac.in	9562475331
54	Tomy Anto C	Store Keeper	BA, ITI	tomyanto@jecc.ac.in	9633016176
55	Geeson K Varghese	Maintenance supervisor		geeson@jecc.ac.in	9895951782
56	Dinesh M V	Site Engineer	Diploma	dineshmv@jecc.ac.in	9745530008
57	Abhilash K	Electrician	ITI		9846335220
58	Varghese V P	Jr. Engineer	Double Diploma (Civil&Elect)	varghesevp@jecc.ac.in	9895201764
TBI					
59	Ragi K G	Software Engineer	B.Tech	ragisivadas@jecc.ac.in	9947375424
60	Jacklin Michael	Programmer	M.Tech	jacklin@jecc.ac.in	8137940293

JYOTHY ENGINEERING COLLEGE
Cheruthuruthy, Thrissur 679531

College Class Timings (w.e.f 16/06/2015)

Period	Time	
	Mon - Thu	Fri
1	09.00 to 09.55	09.00 to 09.50
2	09.55 to 10.50	09.50 to 10.40
Break	10.50 to 11.00	10.40 to 10.50
3	11.00 to 11.55	10.50 to 11.40
4	11.55 to 12.50	11.40 to 12.30
Break	12.50 to 01.35	12. 30 to 01.50
5	01. 35 to 02. 30	01. 50 to 02.40
Break	02.30 to 02.40	02.40 to 02.50
6	02.40 to 03.35	02.50 to 03.40
7	03.35 to 04.30	03.40 to 4.30

2018

JANUARY					
S	..	7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	31
T	4	11	18	25	..
F	5	12	19	26	..
S	6	13	20	27	..

FEBRUARY					
S	..	4	11	18	25
M	..	5	12	19	26
T	..	6	13	20	27
W	..	7	14	21	28
T	1	8	15	22	..
F	2	9	16	23	..
S	3	10	17	24	..

MARCH					
S	..	4	11	18	25
M	..	5	12	19	26
T	..	6	13	20	27
W	..	7	14	21	28
T	1	8	15	22	29
F	2	9	16	23	30
S	3	10	17	24	31

APRIL					
S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	..
W	4	11	18	25	..
T	5	12	19	26	..
F	6	13	20	27	..
S	7	14	21	28	..

MAY					
S	..	6	13	20	27
M	..	7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	..
S	5	12	19	26	..

JUNE					
S	..	3	10	78	24
M	..	4	11	18	25
T	..	5	12	19	26
W	..	6	13	20	27
T	..	7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30

JULY					
S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	31
W	4	11	18	25	..
T	5	12	19	26	..
F	6	13	20	27	..
S	7	14	21	28	..

AUGUST					
S	..	5	12	19	26
M	..	6	13	20	27
T	..	7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	..

SEPTEMBER					
S	30	2	9	16	23
M	..	3	10	17	24
T	..	4	11	18	25
W	..	5	12	19	26
T	..	6	13	20	27
F	..	7	14	21	28
S	1	8	15	22	29

OCTOBER					
S	..	7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	31
T	4	11	18	25	..
F	5	12	19	26	..
S	6	13	20	27	..

NOVEMBER					
S	..	4	11	18	25
M	..	5	12	19	26
T	..	6	13	20	27
W	..	7	14	21	28
T	1	8	15	22	29
F	2	9	16	23	30
S	3	10	17	24	..

DECEMBER					
S	30	2	9	16	23
M	31	3	10	17	24
T	..	4	11	18	25
W	..	5	12	19	26
T	..	6	13	20	27
F	..	7	14	21	28
S	1	8	15	22	29

2019

	JANUARY				
S	..	6	13	20	27
M	..	7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	..
S	5	12	19	26	..

	FEBRUARY				
S	..	3	10	17	24
M	..	4	11	18	25
T	..	5	12	19	26
W	..	6	13	20	27
T	..	7	14	21	28
F	1	8	15	22	..
S	2	9	16	23	..

	MARCH				
S	31	3	10	17	24
M	..	4	11	18	25
T	..	5	12	19	26
W	..	6	13	20	27
T	..	7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30

	APRIL				
S	..	7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	..
T	4	11	18	25	..
F	5	12	19	26	..
S	6	13	20	27	..

	MAY				
S	..	5	12	19	26
M	..	6	13	20	27
T	..	7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	..

	JUNE				
S	30	2	9	16	23
M	..	3	10	17	24
T	..	4	11	18	25
W	..	5	12	19	26
T	..	6	13	20	27
F	..	7	14	21	28
S	1	8	15	22	29

	JULY				
S	..	7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	31
T	4	11	18	25	..
F	5	12	19	26	..
S	6	13	20	27	..

	AUGUST				
S	..	4	11	18	25
M	..	5	12	19	26
T	..	6	13	20	27
W	..	7	14	21	28
T	1	8	15	22	29
F	2	9	16	23	30
S	3	10	17	24	31

	SEPTEMBER				
S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	..
W	4	11	18	25	..
T	5	12	19	26	..
F	6	13	20	27	..
S	7	14	21	28	..

	OCTOBER				
S	..	6	13	20	27
M	..	7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	..
S	5	12	19	26	..

	NOVEMBER				
S	..	3	12	19	26
M	..	4	13	20	27
T	..	5	14	21	28
W	..	6	15	22	29
T	..	7	16	23	30
F	1	10	17	24	..
S	2	11	18	25	..

	DECEMBER				
S	..	7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	31
T	4	11	18	25	..
F	5	12	19	26	..
S	6	13	20	27	..

Date	Day	AUGUST - 2018	No. of Working days in this semester	No. of Working days in the month
01.08.2018	Wednesay	Induction Ceremony for S1		
02.08.2018	Thursday	Commencement of Classes for S1-S7		
03.08.2018	Friday	First Friday - Holy Mass		
04.08.2018	Saturday			
05.08.2018	Sunday	Holiday		
06.08.2018	Monday			
07.08.2018	Tuesday			
08.08.2018	Wednesday			
09.08.2018	Thursday	Course Committee/ Class Committe		
10.08.2018	Friday			
11.08.2018	Saturday	Karkadaka Vavu		
12.08.2018	Sunday	Holiday		
13.08.2018	Monday			
14.08.2018	Tuesday			
15.08.2018	Wednesday	Independence Day		

16.08.2018	Thursday			
17.08.2018	Friday			
18.08.2018	Saturday	Holiday		
19.08.2018	Sunday	Holiday		
20.08.2018	Monday			
21.08.2018	Tuesday	Onam Vacation Starts		
22.08.2018	Wednesday	Bakrid		
23.08.2018	Thursday			
24.08.2018	Friday	Ist Onam		
25.08.2018	Saturday	Thiru Onam		
26.08.2018	Sunday	3rd Onam		
27.08.2018	Monday	SreeNarayana Guru Jayanthi		
28.08.2018	Tuesday	Ayyankali Jayanti		
29.08.2018	Wednesday			
30.08.2018	Thursday	Re-opening		
31.08.2018	Friday			

Date	Day	SEPTEMBER-2018	No. of Working days in this semester	No. of Working days in the month
01.09.2018	Saturday			
02.09.2018	Sunday			
03.09.2018	Monday			
04.09.2018	Tuesday			
05.09.2018	Wednesday			
06.09.2018	Thursday			
07.09.2018	Friday	First Friday - Holy Mass		
08.09.2018	Saturday	Holiday		
09.09.2018	Sunday	Retreat /Moral Class for S3 students Holiday		
10.09.2018	Monday			
11.09.2018	Tuesday			
12.09.2018	Wednesday			
13.09.2018	Thursday			
14.09.2018	Friday			
15.09.2018	Saturday	Holiday		

16.09.2018	Sunday	Holiday		
17.09.2018	Monday			
18.09.2018	Tuesday			
19.09.2018	Wednesday			
20.09.2018	Thursday	Muharam		
21.09.2018	Friday	Sree Narayana Guru Samadhi		
22.09.2018	Saturday	Retreat /Moral Class for S1 students		
23.09.2018	Sunday	Holiday		
24.09.2018	Monday			
25.09.2018	Tuesday			
26.09.2018	Wednesday			
27.09.2018	Thursday			
28.09.2018	Friday			
29.09.2018	Saturday			
30.09.2018	Sunday			

Date	Day	OCTOBER-2018	No. of Working days in this semester	No. of Working days in the month
01.10.2018	Monday	World Habitat Day		
02.10.2018	Tuesday	Gandhi Jayanthi		
03.10.2018	Wednesday			
04.10.2018	Thursday			
05.10.2018	Friday	First Friday - Holy Mass		
06.10.2018	Saturday			
07.10.2018	Sunday	Holiday		
08.10.2018	Monday			
09.10.2018	Tuesday			
10.10.2018	Wednesday			
11.10.2018	Thursday			
12.10.2018	Friday			
13.10.2018	Saturday	Holiday		
14.10.2018	Sunday	Holiday - World Standards Day		
15.10.2018	Monday			

16.10.2018	Tuesday			
17.10.2018	Wednesday			
18.10.2018	Thursday	Mahanavami		
19.10.2018	Friday	Vijayadhashami		
20.10.2018	Saturday	Holiday		
21.10.2018	Sunday	Holiday		
22.10.2018	Monday			
23.10.2018	Tuesday			
24.10.2018	Wednesday			
25.10.2018	Thursday			
26.10.2018	Friday			
27.10.2018	Saturday			
28.10.2018	Sunday	Holiday		
29.10.2018	Monday			
30.10.2018	Tuesday			
31.10.2018	Wednesday			

Date	Day	NOVEMBER-2018	No. of Working days in this semester	No. of Working days in the month
01.11.2018	Thursday			
02.11.2018	Friday	First Friday - Holly Mass		
03.11.2018	Saturday			
04.11.2018	Sunday	Holiday		
05.11.2018	Monday			
06.11.2018	Tuesday	Deepavali		
07.11.2018	Wednesday			
08.11.2018	Thursday			
09.11.2018	Friday			
10.11.2018	Saturday	Holiday		
11.11.2018	Sunday	Holiday		
12.11.2018	Monday			
13.11.2018	Tuesday			
14.11.2018	Wednesday			
15.11.2018	Thursday			

16.11.2018	Friday	End semester - Practical Examination to be completed		
17.11.2018	Saturday	Holiday		
18.11.2018	Sunday	Holiday		
19.11.2018	Monday			
20.11.2018	Tuesday	Milad-i-Sherif		
21.11.2018	Wednesday			
22.11.2018	Thursday			
23.11.2018	Friday			
24.11.2018	Saturday			
25.11.2018	Sunday	Holiday		
26.11.2018	Monday	Course Committee/ Class Committee		
27.11.2018	Tuesday	Holiday		
28.11.2018	Wednesday			
29.11.2018	Thursday	Class Ends		
30.11.2018	Friday			

Date	Day	DECEMBER-2018	No. of Working days in this semester	No. of Working days in the month
01.12.2018	Saturday			
02.12.2018	Sunday	Holiday		
03.12.2018	Monday			
04.12.2018	Tuesay			
05.12.2018	Wednesday			
06.12.2018	Thursday			
07.12.2018	Friday	First Friday - Holy Mass		
08.12.2018	Saturday	Holiday		
09.12.2018	Sunday	Holiday		
10.12.2018	Monday			
11.12.2018	Tuesday	Reg. Exam Begins S1S2, S5		
12.12.2018	Wednesday	Exam S3, S7 Begins		
13.12.2018	Thursday	Exam S1S2, S5 Begins		
14.12.2018	Friday	Energy Conservation Day		
15.12.2018	Saturday	Holiday		

16.12.2018	Sunday	Holiday		
17.12.2018	Monday			
18.12.2018	Tuesday			
19.12.2018	Wednesday			
20.12.2018	Thursday			
21.12.2018	Friday			
22.12.2018	Saturday	Christmas Celebration Vacation Begins		
23.12.2018	Sunday			
24.12.2018	Monday			
25.12.2018	Tuesday	Christmas		
26.12.2018	Wednesday			
27.12.2018	Thursday			
28.12.2018	Friday			
29.12.2018	Saturday			
30.12.2018	Sunday	Holiday		
31.12.2018	Monday	Re-opening		

Date	Day	JANUARY-2019	No. of Working days in this semester	No. of Working days in the month
01.01.2019	Tuesday			
02.01.2019	Wednesday	Mannam Jayanthi		
03.01.2019	Thursday			
04.01.2019	Friday	First Friday - Holy Mass		
05.01.2019	Saturday			
06.01.2019	Sunday	Holiday		
07.01.2019	Monday			
08.01.2019	Tuesday			
09.01.2019	Wednesday			
10.01.2019	Thursday			
11.01.2019	Friday			
12.01.2019	Saturday	Holiday		
13.01.2019	Sunday	Holiday		
14.01.2019	Monday	Commencement of Class & Registration		
15.01.2019	Tuesday			

16.01.2019	Wednesday			
17.01.2019	Thursday			
18.01.2019	Friday			
19.01.2019	Saturday			
20.01.2019	Sunday	Holiday		
21.01.2019	Monday	Holiday		
22.01.2019	Tuesday			
23.01.2019	Wednesday	Course Committe/ Class Committee		
24.01.2019	Thursday			
25.01.2019	Friday			
26.01.2019	Saturday	Republic Day		
27.01.2019	Sunday			
28.01.2019	Monday			
29.01.2019	Tuesday			
30.01.2019	Wednesday			
31.01.2019	Thursday			

Date	Day	FEBRUARY-2019	No. of Working days in this semester	No. of Working days in the month
01.02.2019	Friday	First Friday - Holly Mass		
02.02.2019	Saturday			
03.02.2019	Sunday	Holiday		
04.02.2019	Monday			
05.02.2019	Tuesday			
06.02.2019	Wednesday			
07.02.2019	Thursday			
08.02.2019	Friday			
09.02.2019	Saturday	Holiday		
10.02.2019	Sunday	Holiday		
11.02.2019	Monday			
12.02.2019	Tuesday			
13.02.2019	Wednesday			
14.02.2019	Thursday			
15.02.2019	Friday			

16.02.2019	Saturday	Holiday		
17.02.2019	Sunday	Holiday		
18.02.2019	Monday			
19.02.2019	Tuesday			
20.02.2019	Wednesday			
21.02.2019	Thursday			
22.02.2019	Friday			
23.02.2019	Saturday	National Science Day		
24.02.2019	Sunday	Holiday		
25.02.2019	Monday			
26.02.2019	Tuesday			
27.02.2019	Wednesay			
28.02.2019	Thursday			

Date	Day	MARCH-2019	No. of Working days in this semester	No. of Working days in the month
01.03.2019	Friday	First Friday - Holy Mass		
02.03.2019	Saturday			
03.03.2019	Sunday	Holiday		
04.03.2019	Monday	Maha Sivarathri		
05.03.2019	Tuesday			
06.03.2019	Wednesday			
07.03.2019	Thursday			
08.03.2019	Friday	Women's Day Celebration		
09.03.2019	Saturday			
10.03.2019	Sunday	Holiday		
11.03.2019	Monday	Holiday		
12.03.2019	Tuesday			
13.03.2019	Wednesday			
14.03.2019	Thursday			
15.03.2019	Friday			

16.03.2019	Saturday	Holiday		
17.03.2019	Sunday	Holiday		
18.03.2019	Monday			
19.03.2019	Tuesday			
20.03.2019	Wednesday			
21.03.2019	Thursday			
22.03.2019	Friday			
23.03.2019	Saturday	World water day		
24.03.2019	Sunday	Holiday		
25.03.2019	Monday			
26.03.2019	Tuesday			
27.03.2019	Wednesday			
28.03.2019	Thursday			
29.03.2019	Friday			
30.03.2019	Saturday			
31.03.2019	Sunday	Holiday		

Date	Day	APRIL-2019	No. of Working days in this semester	No. of Working days in the month
01.04.2019	Monday			
02.04.2019	Tuesday			
03.04.2019	Wednesday			
04.04.2019	Thursday			
05.04.2019	Friday	First Friday - Holy Mass		
06.04.2019	Saturday			
07.04.2019	Sunday	Holiday		
08.04.2019	Monday			
09.04.2019	Tuesday			
10.04.2019	Wednesday			
11.04.2019	Thursday			
12.04.2019	Friday			
13.04.2019	Saturday	Holiday		
14.04.2019	Sunday	Holyday /Abedkar Jayathi		
15.04.2019	Monday	Vishu		

16.04.2019 Tuesday			
17.04.2019 Wednesday			
18.04.2019 Thursday	Maundy Thursday		
19.04.2019 Friday	Good Friday		
20.04.2019 Saturday	Holiday		
21.04.2019 Sunday	Holiday/Easter		
22.04.2019 Monday			
23.04.2019 Tuesday			
24.04.2019 Wednesday	Class Committee / Course Committee		
25.04.2019 Thursday			
26.04.2019 Friday			
27.04.2019 Saturday			
28.04.2019 Sunday	Holiday		
29.04.2019 Monday	Classes Ends		
30.04.2019 Tuesday			

Date	Day	MAY - 2019	No. of Working days in this semester	No. of Working days in the month
01.05.2019	Wednesday	May day		
02.05.2019	Thursday	Holiday		
03.05.2019	Friday	First Friday - Holy Mass		
04.05.2019	Saturdday			
05.05.2019	Sunday	Holiday		
06.05.2019	Monday	Holiday		
07.05.2019	Tuesday			
08.05.2019	Wednesday			
09.05.2019	Thursday			
10.05.2019	Friday			
11.05.2019	Saturday	Holiday		
12.05.2019	Sunday	Holiday		
13.05.2019	Monday			
14.05.2019	Tuesday			
15.05.2019	Wednesday			

16.05.2019		Holiday		
17.05.2019	Thursday			
18.05.2019	Friday			
19.05.2019	Saturday	Holiday		
20.05.2019	Sunday			
21.05.2019	Monday			
22.05.2019	Tuesday			
23.05.2019	Wednesday	Holiday		
24.05.2019	Thursday			
25.05.2019	Friday	Holiday		
26.05.2019	Saturday	Holiday		
27.05.2019	Sunday			
28.05.2019	Monday			
29.05.2019	Tuesday			
30.05.2019	Wednesday	Holiday		
31.05.2019	Thursday			

IMPORTANT EVENTS

JULY 2018	
AUGUST 2018	
SEPTEMBER 2018	
OCTOBER 2018	
NOVEMBER 2018	
DECEMBER 2018	

IMPORTANT EVENTS

JANUARY 2019	
MARCH 2019	
MAY 2019	

FEBRUARY 2019	
APRIL 2019	
JUNE 2019	

NOTES

NOTES