

JYOTHI ENGINEERING COLLEGE (AUTONOMOUS) CHERUTHURUTHY



Affiliated to APJ Abdul Kalam Technological University

Approved by AICTE | Accredited by NAAC & NBA

HAND BOOK 2026 – 2027

(As on August 2026)

JYOTHI ENGINEERING COLLEGE

(AUTONOMOUS), CHERUTHURUTHY

Important Telephone Numbers

Secretary	+91-4884-259256
Registrar	+91-4884-259254
Principal	+91-4884-259255
Chief Warden	9526814455
Warden Boys' Hostel	9526814455, 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

Working Time

College & Office	8.45 a.m - 4.10 p.m
Library & Computer Centre	8.45 a.m - 6.00 p.m
Canteen	8.00 a.m - 6.00 p.m

APPROVALS & ACCREDITATIONS

NAAC Accreditation

Reaccredited by National Assessment and Accreditation Council (NAAC) with A grade

NBA Accreditation

The following departments are currently reaccredited by the NBA: CE ,CSE, ECE, EEE, and ME until June 2028), and MR until June 2026.

IEI Accreditation

The CSE, ECE, EEE & ME Departments are accredited by the Institution of Engineers (India)

Educational Memberships

Institutional member of the following professional bodies:

- Indian Society for Technical Education (ISTE), New Delhi
 - Institution of Engineers (India), Kolkata
 - 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)
-

ARIIA

Recognized in the Performer category in the Atal Ranking of Institutions on Innovation Achievements (ARIIA 2021).

IIC

The Institution's Innovation Council (IIC) was established to promote innovation within the institution through multiple initiatives aimed at developing a robust innovation ecosystem.

Industry MOUs

Jyothi has signed more than 50 MoUs with institutions and industries, including organizations from foreign countries, for resource sharing and providing training opportunities to students.

TBI

Approved by the Kerala Startup Mission (KSUM), formerly known as Technopark, Kerala.



ACADEMIC ROADMAP OF JYOTHI ENGINEERING COLLEGE (AUTONOMOUS) Cheruthuruthy, Kerala

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

Jyothi Engineering College, Cheruthuruthy (JECC), is approved by the All India Council for Technical Education (AICTE) vide South-West Region Order No. F.No. 06/06/KER/ENGG/2002/92 dated 27-05-2002 and is affiliated with APJ Abdul Kalam Technological University, Kerala. JECC has been reaccredited by the National Assessment and Accreditation Council (NAAC) with an “A” Grade, and its programs in CE, CSE, ECE, EEE, and ME (until 2028), as well as MR (until 2026), have been reaccredited by the National Board of Accreditation (NBA).

The roadmap designed by Jyothi Engineering College for the next decade envisages an eightfold increase in student intake through the introduction of more UG courses, relevant PG programs, and advanced research in rapidly emerging fields. This will enable the students enrolled at Jyothi Engineering College to fulfill their ambition of pursuing a Ph.D. in their respective engineering disciplines. From its present status as a conventional engineering college, Jyothi envisages a quantum leap into an advanced technology and research center in collaboration with internationally reputed institutions, eventually transforming itself into a full-fledged Deemed Technological University.

In recognition of its academic and institutional growth, Jyothi Engineering College was granted autonomous status by the University Grants Commission (UGC) in 2025.

The courses offered for the academic year 2025–26 are B.Tech in Artificial Intelligence & Data Science (AD) – 120, Civil Engineering (CE)–30, Computer Science & Engineering (CSE)–180, Electronics & Communication Engineering (ECE) – 60, Electrical & Electronics Engineering (EEE) – 30, Mechanical Engineering (ME) – 60,



Mechatronics Engineering (MR) – 60, and Cyber Security (CSE-CS) – 60, making a total annual intake of 600 students.

The M.Tech programs offered include Computer Science & Engineering (6), Transportation Engineering (6), Industrial Automation & Robotics (6), and Artificial Intelligence & Data Science (12).

Our Vision

To be a global leader in education, nurturing ethical professionals, fostering holistic excellence and sustainable societal impact.

Our Mission

- 1 Excellence in Education: Provide outcome-based and industry-relevant education that builds technical competence, innovation, and lifelong learning.
- 2 Ethics and Values: Inspire integrity, empathy, and social responsibility to develop ethical and service-oriented professionals.
- 3 Research, Innovation, and Entrepreneurship: Encourage creativity, research, and entrepreneurship for sustainable technological and economic growth.
- 4 Holistic and Global Development: Promote all-round development, leadership, and global competence through collaboration and community engagement.



STUDENT PROFILE

Name: _____

Branch & Sem: _____ Adm No: _____

Communication Address: _____

Mob No: _____ e -mail: _____

Date of Birth: _____ Blood Group: _____

Parent's Name and Address: _____

Profession: _____

Mob: _____

In case of emergency, please inform: _____

Mob No: _____

Branch Tutor: _____

Date: _____ Signature: _____

JYOTHI ANTHEM

“Never fading, ever glowing, waves are made in love, in the heart
Stirring through the storm,
Jyothiyan leads 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.
Kushi bhare is pal mein, sama judakar chalthe hum
Kabhi koi na rokhe
Kshama jalakar chalthe hum, kabhi na choote,
Yeh rishthey sargam dil ke, kabhi na toote
Yeh lamhe yaari pal key
Kabhi na chode
Yeh sapne khwaish karke
Jyothi, ek nayi, ehsaas ki, barish pyaari hey
Jeehe jo sapne, woh milthe Jyothi mein
Yaaro hum, ab gaaye, miljulke ek dhun mein, Hum chale...
Asathoma Sadgamaya, Thamasoma Jyothir gamaya
Mrithyoma Amritham gamaya”(..2..)

Never fading, ever glowing waves are made with love, in the heart.
Stirring through the storm, Jyothian leads 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. In this moment of happiness we move
together, let none stop us, lighting the torch we walk on. Never let it
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 to eternity.

[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 language of our Cultural heritage.]



CONTENTS

i.	Academic Road Map of Jyothi	4
ii.	Vision and Mission	5
iii.	Student Profile	6
iv.	Jyothi Anthem	7
v.	Contents	8
vi.	About of the college	9
1.	Management	11
2.	Administrative Council	12
3.	Committees	13
4.	Academic Regulations - 2024	27
5.	Academic Regulations - 2019	130
6.	General Information to Students	163
7.	Campus Facilities	166
8.	Professional Bodies & Clubs	178
9.	Extra-Curricular & Co-Curricular Activities	
10.	Class Tutors for the Academic Year 2026-27	201
11.	Outcome Based Education Framework for UG Programmes	204
12.	Bloom's Taxonomy of Educational Objectives	215
13.	Administration & Faculty	216
14.	Class Timing	234
15.	2026- 27 Full calendar	235
16.	Notes	261



About the College

Jyothi Engineering College was established in 2002 under the aegis of the Thrissur Educational Trust (TET), founded by the Catholic Archdiocese of Thrissur. The foundation stone was blessed by Cardinal Mar Varkey Vithayathil, Major Archbishop of the Syro-Malabar Church, on 1st May 2001 and laid by H.G. Mar Jacob Thoomkuzhy, Archbishop of Thrissur, on 11th May 2001. His Beatitude formally blessed the college on 14th June 2002, and academic classes commenced on 14th September 2002. The college was inaugurated on 12th October 2002 by Shri A.K. Antony, then Chief Minister of Kerala. At its inception, the institution offered four undergraduate programs: Electronics and Communication Engineering, Electrical and Electronics Engineering, Computer Science and Engineering, and Information

Hostel Facilities

The Santhome Hostel for men and Marian Hostel for women were inaugurated by Shri K.V. Thomas, then Minister for Excise and Fisheries, on 25th March 2004.

Academic Expansion

The Mechanical Engineering program was introduced in 2004, followed by Applied Electronics and Instrumentation in 2006. Additional batches in Mechanical Engineering were sanctioned by AICTE in 2011, and further batches in CSE and ECE were approved in 2013. M.Tech programs in Power Electronics (EEE) and Computer Science & Engineering were started in 2012.

The institution was reaccredited by the National Assessment and Accreditation Council (NAAC) with an “A” Grade in 2022. The B.Tech programs in CE (valid until 2028), CSE, ECE, EEE, ME, and MR (valid until 2026) were reaccredited by the National Board of Accreditation (NBA).



In 2017, B. Tech Programme in Mechatronics and M. Tech Programmes in Transportation Engineering (CE) and Communication Engineering & Signal Processing (ECE) were sanctioned.

In 2020, BTech programmes in Artificial Intelligence & Data Science (AD), Robotics Automation (RA) and MTech Programme in Industrial Automation & Robotics (ME) were begun. In the year 2023 one additional batch of CSE & new branch in CSE - CY (Cyber Security) were sanctioned.

Infrastructure and Campus Development

The Administrative Block was inaugurated on 18th October 2005 by Shri Oommen Chandy, then Chief Minister of Kerala. The Western Block was inaugurated on 22nd December 2006 by Shri K. Radhakrishnan, former Speaker of the Kerala Legislative Assembly. The Crystal Jubilee Celebrations of the college were inaugurated on 17th March 2018 by Padma Shri Suresh Gopi.

Campus Location

The campus is spread across 40 acres of lush green land at Jyothi Hills, Cheruthuruthy, near Kerala Kalamandalam, the University of Art and Culture. It is located 800 meters from Vallathol Nagar Railway Station, 5 km from Shoranur Junction, and 30 km from Thrissur. The campus is well connected to three major airports—Kochi, Kozhikode, and Coimbatore—each located approximately 75–80 km away.



1. THRISSUR EDUCATIONAL TRUST-**Chairman**

- 1 . H. G. Mar Andrews Thazhath,
Archbishop of Thrissur

President

- 2 . V. Rev. Msgr. Jose Konikkara, - Ex-officio

Secretary cum Treasurer / Ex-Officio

- 3 . Rev. Fr. David Nettikadan, Ex-officio

Honorary Trustees

- 4 . H. E. Mar Tony Neelankavil
- 5 . Rev. Fr. Msgr. Jaison Koonamplakkal
- 6 . Rev. Fr. Dominic Thalakodan
- 7 . Mr. N. I. Varghese
- 8 . Adv. Biju Kundukulam

Procurator / Ex-Officio

- 9 . Fr. Francis Pallikunnath

Institutional Trustees

- 10 . Rev. Fr. Jijo Kappilamnirappel
- 11 . Rev. Fr. Jose Vallooran
- 12 . Rev. Fr. Jose Nandhikkara CMI
- 13 . Rev. Sr. Annie Kuriakose C.H.F
- 14 . Rev. Sr. Saly Paul , C.M.C

Life Members

- 15 . Rev. Fr. Thankachan Njaliath
- 16 . Rev. Sr. Mercita Kannampuzha SABS
- 17 . Rev. Sr. Sr. Annies T K, F.C.C.

Founder Trustees

- 18 . Sri. T. L. Ouseph (V. V. Joseph)
- 19 . Sri. T. L. Jose

2. GOVERNING BODY OF THE COLLEGE**Chairman**

- 1 . H. G. Mar Andrews Thazhath, Archbishop of Thrissur

Members

- 2 . Mar. Tony Neelankavil Auxiliary Archbishop of Thrissur
- 3 . V. Rev. Msgr. Jose Konikkara, Manager, Jyothi Engineering College



- 4 . Rev. Fr. David Nettikadan, Executive Manager, Jyothi Engineering College
- 5 . Fr. Jose Kannampuzha, Director (Academics), Jyothi Engineering College
- 6 . Dr. P. Sojan Lal, Principal, Jyothi Engineering College
- 7 . Dr. V. M. Xaviour, Registrar, Jyothi Engineering College
- 8 . Dr. Kuncharia P Issac, Former VC, APJ KTU
- 9 . Dr. Saji Gopinath Professor , IIM Kozhikode
- 10 . Dr. Benny Joseph Neelankavil CEO, Jubilee Mission Group
- 11 . Sri. Ajayan C., Addl. Secretary to Government of Kerala
- 12 . Dr. Anirudhan Pottirayil Professor, GEC Kozhikode

3. COLLEGE ADMINISTRATION

- 1 . Rev. Msgr. Jose Konikkara, Manager
- 2 . Rev. Fr. David Nettikadan, Executive Manager
- 3 . Dr. P. Sojan Lal, Principal
- 4 . Fr. Ajeesh Babu Perinchery, HR Manager
- 5 . Fr. Shinto Maroky, Asst. Finance Officer
- 6 . Dr. V. M. Xaviour, Registrar

2

ADMINISTRATIVE COUNCIL

- | | |
|---------------------------|------------|
| 1 . Manager | - Chairman |
| 2 . Principal | - Convener |
| 3 . Executive Manager | - Member |
| 4 . Asst. Finance Officer | - Member |
| 5 . Registrar | - Member |
| 6 . All Department HOD's | - Member |



COMMITTEES

1. PLANNING AND MONITORING COMMITTEE

Sl. No	Name of Member	Designation	Dept.	Nature of Membership
1	Fr. David Nettikadan	Executive Manager	ADM	Chairman
2	Dr. P Sojan Lal	Principal	ADM	Convener
3	Dr. Fr. Jose Kannampuzha	Dir. & Academics	ADM	Member
4	Dr. Anoop V	Dean, Academics	AD	Member
5	Dr. V. M. Xaviour	Registrar	ADM	Member
6	Dr. Geethu Mary George	HOD	CY	Member

2. INTERNAL QUALITY ASSURANCE CELL (IQAC)

1	Dr. Fr. Jose Kannampuzha	Dir. & Academics	ADM	Director
2	Dr. P Sojan Lal	Principal	ADM	Chairman
3	Fr. David Nettikadan	Executive Manager	ECE	Student Grievance Redressal Committee
4	Dr. Jenson Jose	Associate Professor	EEE	Coordinator
5	Mr. Kapil Das K. S	Dept. Coordinator	EEE	Asst.Coord.
6	Ms. Archana S	Dept. Coordinator	CE	Asst.Coord.
7	Dr. V. M. Xaviour	Registrar	ADM	Member
8	Ms. Anna Joseph	NBA Coordinator	CE	Member
9	Dr. Anoop V	Dean, Academics	AD	Member
10	Dr. Jarin T	Dean, Research	CSE	Member
11	Mr. Praveen Raj	Representative - Examination Cell	ME	Member
12	Ms. Anjali O	Dept. Coordinator	AD	Member
13	Dr. Swapna B. Sasi	Dept. Coordinator	CSE	Member
14	Ms. Neethu T V	Dept. Coordinator	CSE	Member
15	Ms. Sagna L T	Dept. Coordinator	CY	Member
16	Ms. Roshni Rajan K	Dept. Coordinator	ECE	Member
17	Dr. S Krishnanunni	Dept. Coordinator	ME	Member
18	Ms. Nyni K. A	Dept. Coordinator	MR	Member
19	Ms. Suganthi T	Dept. & NAAC Criteria Coordinator	BSH	Member



20	Mr. Muhammed Shefeek T A	Nominee from Industry	Member
21	Mr. Christo George	Nominee	Member
22	Mr. Aravind K. P.	Nominee from Alumni	Member
23	Dr. Varghese A. F	Nominee from Local society	Member
24	Dr. Ganesh Natarajan	External Auditor 1	Member
25	Dr. G R Gnana King	External Auditor 2	Member
26	Student Representative 1		Member
27	Student Representative 2		Member

3. NBA ACCREDITATION COMMITTEE

1	Dr. Shijoh V	HOD	EEE	Convener
2	Ms. Anna Joseph	Assistant Professor	CE	Coordinator
3	Ms. Sona Shaju K	Assistant Professor	CSE	Asst.Coord.
4	Ms. Geetha P V	Assistant Professor	CY	Asst.Coord.
5	Dr. Sandeep C S	Associate Professor	AD	Member
6	Ms. Neeraja P. G	Assistant Professor	CE	Member
7	Mr. Aneesh Chandran	Assistant Professor	CSE	Member
8	Mr. Vysagh M	Assistant Professor	CSE	Member
9	Mr. Thomas George K	Assistant Professor	CY	Member
10	Ms. Drisya M. K	Assistant Professor	ECE	Member
11	Ms. Soumya C	Assistant Professor	EEE	Member
12	Mr. Nikhil N. S.	Assistant Professor	ME	Member
13	Dr. Vivek Lukose	Associate Professor	MRE	Member
14	Ms. Priya Jose	Assistant Professor	BSH	Member

4. NIRF & KIRF

1	Dr. Jarin T	Dean, Research	CSE	Chairman
2	Dr. Anand Krishnan N	HOD	MRE	Nodal Off.
3	Mr. Shawn Padikkala	Assistant Professor	BSH	Innovation In-charge
4	Ms. Leeshma O V	Assistant Professor	AD	Member
5	Mr. Suhas Nair S	Assistant Professor	CE	Member
6	Dr. Valanto Alappat	Associate Professor	CSE	Member
7	Ms. Neeraja James	Assistant Professor	CSE	Member
8	Mr. Melvin Joy	Assistant Professor	ECE	Member
9	Dr. Jithin K Jose	Associate Professor	EEE	Member
10	Mr. Suneeth Sukumaran	Assistant Professor	ME	Member
11	Mr. Ashik M S	Assistant Professor	MRE	Member



12 Mr. Sivakumar K. S Assistant Professor BSH Member

5. STUDENT GRIEVANCE REDRESSAL COMMITTEE

1	Dr. P Sojan Lal	Principal	ADM	Chairperson
2	Dr. Biju P. L	Professor	ME	Coordinator
3	Mr. Ratnan P.	Dean, Student Affairs	EEE	Member
4	Ms. Riya Jacob	Assistant Professor	CSE	Member
5	Ms. Saritha N	Trade Instructor Gr. I	EEE	Member
6	Kurian Andrews	Student		Special Invitee

6. GRIEVANCE REDRESSAL CELL FOR FACULTY / STAFF

1	Dr. P Sojan Lal, Principla	Chairperson
2	One Senior Prof. of the University	Member
3	One Official from University or DTE (to be nominated by the Vice Chancellor or DTE) as member	Member
4	Dr. Fr. Jose Kannampuzha, Director & Academics	Member

7. INTERNAL COMPLAINT COMMITTEE

1	Dr. Sindhu S	Associate Professor	ECE	Presiding Officer
2	Ms. Ambily Francis	Assistant Professor	ECE	Member
3	Dr. Jenson Jose	Associate Professor	EEE	Member
4	Ms. Jasmin Jose	Assistant Professor	BSH	Member
5	Ms. Saritha N	Trade Instructor Gr. I	EEE	Member
6	Fr. Adv. Johnson Ainikkal		OT	Member
7	Student Representative 1			Member
8	Student Representative 2			Member

8. WOMEN'S EMPOWERMENT CELL / WDC

1	Ms. Ambily Francis	Assistant Professor	ECE	Convener
2	Ms. Jasmin Jose	Assistant Professor	BSH	Jt. Convener
3	Ms. Divya Konikkara	Assistant Professor	AD	Member
4	Ms. Jisha Akkara	Assistant Professor	CE	Member
5	Ms. Jyothi P Joy	Assistant Professor	CSE	Member
6	Ms. Riya Jacob	Assistant Professor	CSE	Member
7	Ms. Urmila M M	Assistant Professor	CY	Member
8	Ms. Chippi P D	Assistant Professor	ECE	Member



9	Ms. Melvi C V	Assistant Professor	EEE	Member
10	Dr. Anooa Jose Chittilappilly	Associate Professor	MRE	Member
11	Ms. Suganthi T	Assistant Professor	BSH	Member
12	Sr. Rainy SDV	Girls Warden		Member

9. SC/ST

1	Dr. Biju P. L	Professor	ME	Convener
2	Ms. Drisya M. K	Assistant Professor	ECE	Member
3	Ms. Vidya K	Office Staff	ADM	Member
4	Ms. Saritha N	Trade Instr. Sr. Gr.	EEE	Member
5	Mr. Guruvayurappan V	Trade Instructor Gr. I	ME	Member

10. ACADEMIC DISCIPLINE AND WELFARE COMMITTEE

1	Mr. Ratnan P.	Dean, Student	EEE	Chairman
2	Dr. Biju P. L	Professor	ME	Member
3	Mr. Arjun K M	Assistant Professor	AD	Member
4	Dr. Vincy Verghese	Associate Professor	CE	Member
5	Dr. Sobha Xavier P.	Associate Professor	CSE	Member
6	Ms. Ninu Francis	Assistant Professor	CSE	Member
7	Ms. Sagna L T	Assistant Professor	CY	Member
8	Dr. Bindhu K Rajan	Associate Professor	ECE	Member
9	Mr. Melvinraj C. R.	Assistant Professor	ME	Member
10	Dr. Anooa Jose Chittilappilly	Associate Professor	MRE	Member
11	Mr. Antony Joseph	Assistant Professor	BSH	Member

11. DISCIPLINARY ACTION COMMITTEE (EXAMS)

1	Dr. Vincy Verghese	Associate Professor	CE	Chairman
2	Mr. Bineesh M	Assistant Professor	AD	Member
3	Dr. Swapna B. Sasi	Associate Professor	CSE	Member
4	Dr. Sajitha I	Assistant Professor	CSE	Member
5	Dr. Geethu Mary George	Associate Professor	CY	Member
6	Ms. Roshni Rajan K	Assistant Professor	ECE	Member
7	Ms. Anu Sunny	Assistant Professor	EEE	Member
8	Mr. Christy V. Vazhappilly	Assistant Professor	ME	Member
9	Mr. Jinesh K. J.	Assistant Professor	MRE	Member



- 10 Ms. Nivya Wilson Assistant Professor BSH Member

12. EXAMINATION CELL (EXAMINATION - AUTONOMOUS)

- | | | | | |
|---|-------------------------------|---------------------|-----|-----------|
| 1 | Dr. Sindhu S | Associate Professor | CSE | CoE |
| 2 | Dr. Anooa Jose Chittilappilly | Associate Professor | MRE | Dy CoE |
| 3 | Mr. Praveen Raj | Assistant Professor | ME | Convener |
| 4 | Mr. Girish Kumar N G | Office Staff | | Secretary |

13. EXAMINATION COMMITTEE (KTU - EXTERNAL EXAMINATION)

- | | | | | |
|---|----------------------|---------------------|-----|-----------|
| 1 | Dr. Jose P Therattil | HOD | ECE | Chairman |
| 2 | Mr. Praveen Raj | Assistant Professor | ME | Convener |
| 3 | Mr. Girish Kumar N G | Office Staff | | Secretary |
| 4 | Ms. Daisy C T | Office Staff | | Member |

14. GRIEVANCE REDRESSAL COMMITTEE (EXAMINATIONS)

- | | | | | |
|---|----------------------------------|-----------------------|--|-------------|
| 1 | Dr. P Sojan Lal | Principal | | Chairperson |
| 2 | Mr. Ratnan P | Dean, Student Affairs | | Convener |
| 3 | Dr. Sindhu S | Associate Professor | | Member |
| 4 | Head of the Concerned Department | | | Member |

15. VALUATION CAMP INCHARGES

- | | | | | |
|----|-----------------------|---------------------|-----|--------------|
| 1 | Dr. Sandhya E | Associate Professor | BSH | Camp Officer |
| 2 | Mr. Jithin K C | Assistant Professor | AD | Member |
| 3 | Ms. Jisha Akkara | Assistant Professor | CE | Member |
| 4 | Ms. Sonia A Joseph | Assistant Professor | CSE | Member |
| 5 | Mr. Thomas George K | Assistant Professor | CY | Member |
| 6 | Ms. Ambily Francis | Assistant Professor | ECE | Member |
| 7 | Ms. Priyanka E S | Assistant Professor | EEE | Member |
| 8 | Mr. Suneeth Sukumaran | Assistant Professor | ME | Member |
| 9 | Dr. Anand Krishnan N | Associate Professor | MRE | Member |
| 10 | Ms. Jisna K J | Assistant Professor | BSH | Member |

16. EXAMINATION CELL (INTERNAL EXAMINATION)

- | | | | | |
|---|-----------------|---------------------|-----|----------|
| 1 | Dr. P Sojan Lal | Principal | ADM | Chairman |
| 2 | Dr. Saritha P | Associate Professor | ECE | Convener |
| 3 | Ms. Neenu Jose | Assistant Professor | AD | Member |



4	Ms. Anju M J	Assistant Professor	CE	Member
5	Ms. Neeraja James	Assistant Professor	CSE	Member
6	Ms. Aparna Mohan	Assistant Professor	CSE	Member
7	Ms. Aswani P	Assistant Professor	CY	Member
8	Ms. Chippi P D	Assistant Professor	ECE	Member
9	Ms. Anu Paul V	Assistant Professor	EEE	Member
10	Dr. Thomas Joseph	Associate Professor	ME	Member
11	Mr. Manikandan N R	Assistant Professor	MRE	Member
12	Mr. Tony C J	Assistant Professor	BSH	Member
13	Ms. Sandhya P S	Assistant Professor	BSH	Member

17. ANTI RAGGING COMMITTEE & ANTI NARCOTIC CELL

1	Dr. P Sojan Lal	Principal	ADM	Chairman
2	Dr. Biju P. L	Professor	ME	Convener
3	Mr. Shine P Xavier	Assistant Professor	AD	Member
4	Mr. Suhas Nair S	Assistant Professor	CE	Member
5	Ms. Linny Sunny	Assistant Professor	CSE	Member
6	Dr. Adhinarayanan	Associate Professor	CSE	Member
7	Mr. Melvin Joy	Assistant Professor	ECE	Member
8	Ms. Priyanka E S	Assistant Professor	EEE	Member
9	Mr. Anto Zacharias	Assistant Professor	ME	Member
10	Ms. Athira P Preman	Assistant Professor	MRE	Member
11	Ms. Renju Francis	HOD	BSH	Member
12	Ms. Bindu K. S.	Assistant Professor	BSH	Member
13	PTA Vice President			Member
14	College Union General Secretary			Member
15	Member of Ward 15, Panjal Grama Panchayat.			Member
16	Station House Officer, Cheruthuruthy Police Station			Member

18. RIGHT TO INFORMATION ACT CELL

1	Mr. Baji Jose C F	Administrative Asst.	Office Information Officer
2	Mr. Girish Kumar N G	Sr. Superintendent	Office Information Officer
3	Dr. P Sojan Lal	Principal	ADM Appellate Authority

19. EXECUTIVE COMMITTEE OF THE PTA



1	Dr. P Sojan Lal	Principal	ADM	President
2	Mr. Bijith B L		OT	Vice President
3	Mr. Manojkumar V. K	HOD	ME	Secretary
4	Dr. Anitha Jacob			Jt. Secretary
5	Ms. Jasmin Jose	Assistant Professor	BSH	Treasurer
6	Dr. Fr. Jose Kannampuzha	Dir. & Academics	ADM	Member
7	Fr. Ajeesh Babu Perinchery	Assistant Professor	MRE	Member
8	Mrs. Shany Abraham	Parent		Member
9	Mr. Johnson N D	Parent		Member

20. EXECUTIVE COMMITTEE ALUMNI ASSOCIATION

1	Dr. Jose P Therattil	Dean, Alumni Affairs	ECE	Chairman
2	Dr. Jenson Jose	Associate Professor	EEE	Convener
3	Mr. Manikandan N R	Assistant Professor	MRE	Jt. Convener
4	Ms. Jyothsna GK	Assistant Professor	CSE	Jt. Convener
5	Mr. Prasoon A P			Member
6	Ms. Anjali O	Assistant Professor	AD	Member
7	Ms. Jisha Akkara	Assistant Professor	CE	Member
8	Mr. Vysagh M	Assistant Professor	CSE	Member
9	Ms. Urmila M M	Assistant Professor	CY	Member
10	Ms. Neethu Rose Thomas	Assistant Professor	ECE	Member
11	Ms. Melvi C V	Assistant Professor	EEE	Member
12	Dr. Nice Menachery	Assistant Professor	ME	Member
13	Mr. Ashik M S	Assistant Professor	MRE	Member

21. STUDENTS PROJECTS COORDINATION

1	Dr. Fr. Jose Kannampuzha	Dir. & Academics	MRE	Chairman
2	Dr. Vincy Verghese	Associate Professor	CE	Convener
3	All HODs			Member
4	Batch Project Coordinators			Member

22. CAREER GUIDANCE AND PLACEMENT UNIT

1	Dr. Vivek Lukose	Dean, Placements	MRE	Chairman
2	Mr. Bibin Joy	Placement & Training Officer	BSH	Member
3	Mr. Bineesh M	Assistant Professor	AD	Member
4	Ms. Jisha Akkara	Assistant Professor	CE	Member



5	Dr. Shyji M B	Associate Professor	CSE	Member
6	Ms. Aparna Mohan	Assistant Professor	CSE	Member
7	Mr. Saju C J	Assistant Professor	CY	Member
8	Dr. Bindhu K Rajan	Associate Professor	ECE	Member
9	Dr. Jithin K Jose	Associate Professor	EEE	Member
10	Dr. Nice Menachery	Assistant Professor	ME	Member
11	Mr. Jain Varghese	Assistant Professor	MRE	Member

23. INNOVATION & ENTREPRENEURSHIP CELL

1	Dr. P Sojan Lal	Principal	ADM	Chairman
2	Dr. Nice Menachery	Associate Professor	ME	Convener
3	Mr. Vysagh M	Assistant Professor	CSE	Jt. Convener
4	Dr. Sajitha A S	Associate Professor	AD	Member
5	Dr. Kiran Prakash K	Assistant Professor	CE	Member
6	Ms. Aswathy Wilson	Assistant Professor	CSE	Member
7	Ms. Soniya Joseph	Assistant Professor	CSE	Member
8	Ms. Remya M	Assistant Professor	CY	Member
9	Ms. Ambily Francis	Assistant Professor	ECE	Member
10	Mr. Akhil A Balakrishnan	Assistant Professor	EEE	Member
11	Mr. Christy V Vazhappilly	Assistant Professor	ME	Member
12	Mr. Jinesh K. J.	Assistant Professor	MRE	Member
13	Mr. Shawn Padikkala	Assistant Professor	BSH	Member

24. RESEARCH CELL

1	Dr. Fr. Jose Kannampuzha	Dir. & Academics	ADM	Chairman
2	Dr. Jarin T	Dean, Research	CSE	Convener
3	Dr. Bindhu K Rajan	Associate Professor	ECE	Asst. Coord.
4	Dr. Cijil B John	Associate Professor	ME	Asst. Coord.

24(a) FUNDED PROJECTS COMMITTEE

1	Dr. P Suresh	Professor	CSE	Convener
2	Dr. Neethu M	Associate Professor	CSE	Coordinator
3	Dr. Anju Asokan	Associate Professor	AD	Member
4	Dr. C Karthik	Professor	AD	Member
5	Dr. Mercy Joseph	Associate Professor	CSE	Member
6	Dr. Resmi A M	Associate Professor	CY	Member
7	Dr. Nice Menachery	Assistant Professor	ME	Member



25. PURCHASE COMMITTEE

1	Fr. David Nettikadan	Executive Manager	ECE	Chairman
2	Dr. V. M. Xaviour	Registrar	ADM	Convener – LAB
3	Lt. Col. Jacob E. D (retd.)	Project Engineer	ADM	Convener – Projects
4	Head of the Concerned Dept.			Members

26. PROJECT COMMITTEE

1	Lt. Col. Jacob E. D (Retd.)	Project Engineer	ADM	Convener
2	Fr. Anson Nelankavil	Incharge TBI (JCS)	TBI	Member
3	Fr. Ajeesh Babu Perinchery	Assistant Professor	MRE	Member
4	Mr. Dinesh M V	Site Engineer	Office	Member

27. LIBRARY COMMITTEE

1	Dr. Adarsh N Gokul	Chief Librarian	LIB	Convener
2	Fr. Shinto Maroky	Asst. Finance Off.	ADM	Member
3	All HODs		ADM	Members
4	Students Representative		ST	Member

28. AMENITIES COMMITTEE

1	Dr. P Sojan Lal	Principal	ADM	Convener
2	Fr. Shinto Maroky	Asst. Finance Off.	ADM	Coordinator
3	Dr. V. M. Xaviour	Registrar	ADM	Member
4	Ms. Leeshma O V	Assistant Professor	AD	Member
5	Ms. Jeffy Johny	Assistant Professor	CE	Member
6	Ms. Sruthy K S	Assistant Professor	CSE	Member
7	Ms. Urmila M M	Assistant Professor	CY	Member
8	Dr. Prajoon P.	Associate Professor	ECE	Member
9	Mr. Ratnan P.	Dean, Student Affairs	EEE	Member
10	Mr. Sathya Dev D	Assistant Professor	ME	Member
11	Ms. Sreeshma Sasidharan	Assistant Professor	MRE	Member
12	Dr. Sweetly Thomas	Associate Professor	BSH	Member

29. TRANSPORT COMMITTEE

1	Lt. Col. Jacob E D (retd.)	Project Engineer	ADM	Convener
2	Fr. Shinto Maroky	Asst. Finance Off.	ADM	Jt. Convener
3	Mr. Shaju C A	Trade Instrucor	ME	Coordinator



4	Dr. V. M. Xaviour	Registrar	ADM	Member
5	Mr. Lajju P Thomas	Accounts Manager	OF	Member
6	All Bus Coordinators		SF	Members

30. HOSTEL COMMITTEE

1	Fr. Anson Nelankavil	Chief Warden		Chairman
2	Fr. Debin Olakkengil	Asst. Warden		Member
3	Sr. Raimy SDV	Girls Warden		Member
4	Mr. Ashik M S	Assistant Professor	MRE	Member
5	Ms. Deepa Johnson	Assistant Professor	BSH	Member
6	Students Representative 1			Member
7	Students Representative 2			Member

31. ADMISSION COMMITTEE

1	Fr. David Nettikadan	Executive Manager	ADM	Chairman
2	Mr. Melvinraj C. R.	Assistant Professor	ME	Convener
3	Dr. V. M. Xaviour	Registrar	ADM	Secretary
4	Fr. Shinto Maroky	Asst. Finance Off.	ADM	Member
5	Ms. Suganthi T	Assistant Professor	BSH	Member
6	Mr. Sabin Johny	Assistant Professor	MRE	Member
7	All HODs			Members

32. PUBLIC RELATIONS COMMITTEE

1	Fr. Sijo Cheruvathoor	Public Relations Officer	BSH	Coordinator
2	Mr. Shawn Padikkala	Assistant Professor	BSH	Member
3	Mr. Aloshius Ligin Jose	Assistant PRO	CC	Member
4	Mr. George C J	Trade Instructor	CE	Member
5	Mr. Ignatius T F	Trade Instr. Gr. II	CE	Member
6	Mr. Sudheesh C N	Trade Instr. Sr. Gr.	CSE	Member
7	Mr. Abhirag	Trade Instr. Gr. II	CY	Member
8	Mr. Sarath M M	Trade Instr. Gr. II	ECE	Member
9	Mr. Abdul Saleem N M	Trade Instr. Sr. Gr.	EEE	Member
10	Mr. Santo T C	Trade Instr. Gr. II	EEE	Member
11	Mr. Parameswaran K	Trade Instr. Gr. I	ME	Member
12	Mr. Jomin George	Trade Instr. Gr. II	ME	Member
13	Mr. Sumesh C	Trade Instr. Gr. II	MRE	Member

33. COLLEGE MAGAZINE COMMITTEE

1	Fr. Sijo Cheruvathoor	Assistant Professor	BSH	Convener
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2	Union Faculty Advisors	Jt. Convener
3	JECC News Editors from departments	Member
4	Student Editor College Union	Member
5	College Union Chairman	Member
6	College Union Vice Chairman	Member

34. EDITORIAL BOARD OF JECC NEWS

1	Fr. Sijo Cheruvathoor	Assistant Professor	BSH	Convener
2	Ms. Soorya M Nair	Assistant Professor	CE	Jt. Convener
3	Ms. Neenu Jose	Assistant Professor	AD	Member
4	Mr. Alfred George	Assistant Professor	CE	Member
5	Dr. Sr. Mercy Joseph	Associate Professor	CSE	Member
6	Ms. Aparna Mohan	Assistant Professor	CSE	Member
7	Mr. Joyel P R	Assistant Professor	CY	Member
8	Ms. Chippi P D	Assistant Professor	ECE	Member
9	Mr. Akhil A Balakrishnan	Assistant Professor	EEE	Member
10	Mr. Suresh O P	Assistant Professor	ME	Member
11	Ms. Nyni K A	Assistant Professor	MRE	Member
12	Ms. Sandhya P S	Assistant Professor	BSH	Member

35. SPORTS & EXTRA CURRICULAR ACTIVITIES COMMITTEE

1	Dr. P Sojan Lal	Principal	ADM	Chairman
2	Fr. Shinto Maroky	Asst. Finance Off.	ADM	Convenor
3	Mr. Nidhin Johnson	Assistant Professor	BSH	Member
4	Dr. Gayathri V	Associate Professor	AD	Member
5	Ms. Neeraja P G	Assistant Professor	CE	Member
6	Mr. Hareesh N V	Assistant Professor	ME	Member
7	Mr. Shaju C A	Trade Instructor	ME	Member
8	Ms. Divya C R	Tr. Instr. Gr. II	CSE	Member
9	Mr. George Thobias Manoj	Student		Member

36. N.S.S ADVISORY COMMITTEE

1	Dr. P Sojan Lal	Principal	ADM	Convener
2	Mr. Sibin Johny	Assistant Professor	MR	Member
3	President, Vallathol Nagar Grama Panchayat			Member
4	President, Panjal Grama Panchayat			Member



5	Village Officer, Panjal Village Office	Member
6	NSS Volunteer Secretary - CS	Member

37. SDG COMMITTEE

1	Ms. Anna Joseph	Assistant Professor	CE	Convener
2	Ms. Jeffy Johny	Assistant Professor	CE	Coordinator
3	Mr. Jithin K C	Assistant Professor	AD	Member
4	Dr. Alwyn Varghese	Associate Professor	CE	Member
5	Mr. Suhas Nair S	Assistant Professor	CE	Member
6	Ms. Swathy C S	Assistant Professor	CS	Member
7	Ms. Aswani P	Assistant Professor	CY	Member
8	Ms. Abhirami	Assistant Professor	EC	Member
9	Dr. Jithin K Jose	Associate Professor	EE	Member
10	Mr. Sukesh O P	Assistant Professor	ME	Member
11	Mr. Sabin Johny	Assistant Professor	MRE	Member
12	Ms. Sneha Benny	Assistant Professor	BSH	Member

PROFESSIONAL BODIES & COORDINATORS

1	GATE Coaching Mentors	: Dr. Shyji M B, Assoc. Prof. - CSE
2	IEEE (Faculty Chapter)	: Dr. Jithin K Jose, Assoc. Prof. - EEE
3	ISTE (Faculty Chapter)	: Ms. Nyni K. A., AP - MRE
4	ISTE (Student Chapter)	: Ms. Drisya M. K, AP- ECE
5	IETE (Faculty Chapter)	: Ms. Anu Paul V, AP - EEE
6	IEI (Faculty Chapter)	: Ms. Neeraja P. G, AP - CE
7	CSI (Faculty Chapter)	: Dr. Swapna B Sasi, Assoc.Prof. - CSE
8	ICI (Faculty Chapter)	: Dr. Alwyn Varghese, Assoc. Prof. - CE
9	SAE India(Faculty Chapter)	: Mr. Anto Zacharias, AP - ME
10	Blood Donors Forum /Red Ribbon Club (Faculty Chapter)	: Ms.Dhanya V R, AP - CS



- 11 TinkerHub (Faculty Chapter) : Mr. Jayakrishnan A, AP -AD
- 12 FOSS (Faculty Chapter) : Dr. Sajitha I, AP - CSE
- 13 Staff Advisors to College Union (Faculty Chapter) : Mr. Vysagh M, AP - CSE
Ms. Anu Sunny, AP- EEE
- 14 Minors Monitoring
Coordinator : Mr. Arun K, AP - CSE,
Member : Ms. Nikhitha N, AP - AD
- 15 Duties Reports Coordinator : Dr. Flowarin A D, Assoc. Prof - BSH
- 16 ETLAB Coordinator : Mr. Akhil A Balakrishnan, AP - EEE
Asst. Coordinator : Mr. Joyel P R, AP - CY
- 17 Honours Monitoring
Coordinator : Ms. Anu Sunny, Assistant
Honours Monitoring : Ms. Leya M S, Assistant
Assistant Coordinator : Professor - CS
- 18 Virtual Labs Coordinator : Mr. Christy V. Vazhappilly,
AP - ME
- 19 UHV Coordinator : Dr. Sandhya E, Assoc. Prof - BSH
- 20 Infosys Springboard
Coordinator : Mr. Jithin K C, AP - AD
- 21 MoU & Internship
Coordinator : Ms. Athira K P, AP - CSE
- 22 Website Coordinators
Coordinator : Ms. Ninu Francis, AP- CSE
- 23 Project / other Competitions
Coordinators : Mr. Jinesh K. J., AP - MRE
Mr. Dinto Davi T, AP- CSE



VARIOUS EVENT COORDINATORS

1	UG & PG Induction	: Mr. Sivakumar K. S, AP - BSH, (C) : Mr. Tony C J, AP - BSH : Ms. Sandhya P S, AP - BSH
2	Orientation Program	: Mr. Shawn Padikkala, AP - BSH
3	Graduation Day	: Dr. Nice Menachery, AP - ME, (C) : Dr. Sajitha I, AP - CSE
4	Independence Day & Republic Day	: Mr. Sibin Johny, AP - MRE
5	World Environment Day	: Ms. Suganthi T, AP - BSH
6	Onam Celebration	: Ms. Anju M J, AP - CE, (C) : Staff Advisors - 1 : Staff Advisors - 2
7	Union Inauguration	: Staff Advisors
8	Tharang Tech Fest	: Dr. Shijoh V, Professor - EEE (C) : Dr. Swapna B. Sasi, Assoc. Prof-CS : Dr. Cijil B John, Assoc. Prof. - ME
9	NASA Space App Challenge	: Dr. Shiny M.I, Assoc. Prof-CSE, (C)
10	Sports Day	: Mr. Nidhin Johnson, AP - BSH
11	Arts Day	: Mr. Rich K J, AP - BSH, (C) : Ms. Linta A T, AP - CSE
12	Christmas Celebration	: Dr. D Navin Sam, AP - EEE, (C) : Ms. Viji E P, AP - BSH
13	College Day	: Mr. Leo Mathew, AP - MRE, (C)
14	Teachers Day	: AD Department
15	Engineers Day	: CE Department
16	International Women's Day	: ECE Department
17	World Habitat Day	: CE Department
18	World Standards Day	: MRE Department
19	National Energy Conservation Day (India)	: EEE Department
20	National Science Day	: BSH DEPT.
21	World Water Day	: CE Department
22	Legal Classes (Anti Ragging)	: ME Department
23	Yoga Day	: CSE Department





**The A P J Abdul Kalam Technological University
Bachelor of Technology (Regular) Academic
Regulations, 2024**

Preamble: In exercise of the powers conferred under sub-section (1) of section 46 of the A P J Abdul Kalam Technological University Act, 2015, the Academic Council hereby frames the A P J Abdul Kalam Technological University Bachelor of Technology (Regular) Academic Regulations, 2024.

- 1 Short Title** - These Regulations may be called “The A P J Abdul Kalam Technological University Bachelor of Technology (Regular) Academic Regulations, 2024.”
- 2 Commencement**- These Regulations shall come into force from the academic year 2024-2025.
- 3 Application** - These Regulations shall apply to students admitted to colleges affiliated to the University other than autonomous colleges from the academic year 2024-25.
- 4 Definitions**-
 - (1) For the purposes of these Regulations, -
 - (a) ‘Act’ means the APJ Abdul Kalam Technological University Act, 2015 (17 of 2015);
 - (b) ‘Academic Calendar’ means the official schedule set by the University, detailing the commencement and conclusion of classes, examinations, and events for an academic year;



- (c) 'Academic Council' means the Academic Council of the University constituted in accordance with the provisions of the Act;
- (d) 'Academic Year' means the academic cycle consisting of an Odd semester, an Even semester, and a Summer semester;
- (e) 'AICTE' means the All India Council for Technical Education constituted under the All India Council for Technical Education Act, 1987;
- (f) 'BoG' means the Board of Governors of the University;
- (g) 'BoS' means the Board of Studies constituted by the University in accordance with Act and First Statutes of the University;
- (h) 'B.Tech. Degree Programme' means a programme leading to the award of a Bachelor of Technology Degree by the University;
- (i) 'CGPA' means Cumulative Grade Point Average;
- (j) 'CIE' means Continuous Internal Evaluation which is assessed for every student for every course during the semester.
- (k) 'Course' means a theory, project, or practical subject that is normally included in the curriculum for study for a B.Tech programme;
- (l) 'Discipline' means a specific branch of B. Tech. Programme, such as Mechanical Engineering, Electronics and Communication Engineering, or Civil Engineering. Each discipline encompasses a set of specialized courses designed to provide students with in-depth knowledge and skills relevant to that particular area of engineering study;



- (m) 'ESE' means the End Semester Examination which is conducted by the University/ affiliated college at the End of the Semester for all the courses of that semester as per the curriculum of study for the B-Tech programme;
- (n) 'First Statutes' means the APJ Abdul Kalam Technological University First Statutes, 2020;
- (o) 'Grade Card' means the certificate issued to each candidate generally containing course code, course title, grade and grade points along with SGPA of that semester;
- (p) 'Regulations' means the A P J Abdul Kalam Technological University Bachelor of Technology (Regular) Academic Regulations, 2024;
- (q) 'SGPA' means the Semester Grade Point Average;
- (r) 'Syndicate' means the Syndicate of the University constituted in accordance with the provisions of the Act;
- (s) 'UGC' means the University Grants Commission constituted under the University Grants Commission Act 1956;
- (t) 'University' means the A P J Abdul Kalam Technological University;
- (2) Words and expressions used in these Regulations but not defined herein shall have their respective meanings assigned to them in the Act or Statutes.

1. General	
R 1.1	The provisions contained in these regulations shall govern the policies and procedures for the admission

	and registration of students to B. Tech. programmes in affiliated colleges other than autonomous colleges, imparting instruction for course, conduct of the examination, evaluation, certification of student's performance leading to the award of B. Tech. Degree(s).
R 1.2	The University shall have the authority to modify the regulations from time to time.
R 1.3	staff, and the managements of colleges affiliated with the
	university other than autonomous colleges from the academic year 2024-2025 onwards. These regulations, and any amendments thereto issued from time to time, shall be binding on all parties concerned, including
R 1.4	These regulations shall be applicable to any new B. Tech. programme(s) that may be introduced in future.
R 1.5	In all matters contained in these Regulations, the decision of the University as recommended by the Academic Council and the Syndicate and approved by the BoG, shall be final.
2. Admission	
R 2.1	Admission policies, eligibility criteria for admissions to affiliated colleges, and procedures for admission shall be determined by the Government/University and the appropriate statutory/regulatory authorities.
R 2.2	If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the University or the statutory body concerned, the Vice Chancellor may revoke the admission of the candidate and report the matter to the BoG.

R 2.3	Restriction on Branch Change: No student shall be permitted to change the branch of study/ discipline to which they were admitted by the competent authority after the closure of the admission process.
R 2.4	A student admitted to a particular institute shall continue their studies at that institute until the completion of the programme, unless granted an inter-college transfer in accordance with Regulations R. 20.
3. Structure of B. Tech. Programme	
R 3.1	The duration of the B. Tech. Programme shall be 4 years (8 semesters).
R 3.2	There are four options for completing a B. Tech. Programme, as outlined below:
Options for 4-year B. Tech. Programme	Total Credits Required to Complete the Programme
“B. Tech.” in an Engineering Major Discipline.	170 Credits# [167 Academic Credits (as per R 7.22) + 3 credits from student activities]
“B. Tech. with Minor” (Minor in any Discipline, other than the Major Discipline)	185 Credits [170 Credits (B. Tech.) + 15 Credits for Minor Coursework]
“B. Tech. with Honours” (Specialization within the Major Discipline)	185 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework]
“B. Tech. with Honours and Minor”	200 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework + 15 Credits for Minor Coursework]



R 3.3	#Credit Relaxation Policy: This policy provides flexibility for students who face challenges in earning a small number of credits, while ensuring that essential components of the B. Tech. programme are completed in full. Minimum Credits for Graduation: Students who acquire at least 160 credits (157 academic credits + 3 Mandatory credits from student activities) after the completion of the normal programme duration of eight semesters shall be eligible for the B. Tech. Degree. Credit Shortfall Allowance: This policy allows students to graduate even if they are unable to earn credits for courses totalling up to 10 credits. Exclusions from Credit Relaxation: The credit relaxation does not apply to Seminar, Mini Project, and Project/Internship, all of which are mandatory and must be completed to qualify for graduation. Credits earned for Minor will not be considered towards the 160-credit minimum requirement. Impact on CGPA due to unacquired credits: For courses where a student is unable to earn credits under the credit relaxation policy, a grade point of '0' will be assigned. This zero-point value will be factored into the calculation of both the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA), potentially resulting in a reduction of the overall CGPA.
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R 3.4	Credit Consideration for B. Tech. Degree Award: - Credits for Regular B. Tech. Degree (170 Credits): If a student has acquired the minimum 160 credits as per the credit relaxation policy, the additional credits earned from Honours theory courses, along with the 2 additional credits earned from Level 5 courses, may be considered towards fulfilling the 170-credit requirement for the regular B. Tech. degree. - Credits for Minimum Requirement (160 Credits): If a student has not acquired the 160 credits required for the B.Tech. degree as per the credit relaxation policy, the credits earned from Honours theory courses, along with the extra 2 credits from Level 5 courses, will count towards fulfilling the 160 credits (157 academic credits + 3 credits from student activities) requirement for the B.Tech. degree. - These additional credits will also be included in the calculation of both the SGPA and the CGPA. - Students who benefit from this credit consideration will not be eligible for the award of the B. Tech. degree with Honours.
R 3.5	Academic Year Structure: Semesters: Every academic year is structured to include: an Odd semester, an Even semester, and a Summer semester. The Summer semester, typically scheduled during the months of May and June, provides students with the opportunity to engage in internships or pursue additional skill courses to enhance their academic and professional development. Minimum Working Days:

	- Each sem. shall have a minimum of 90 working days out of which 65 days shall be instructional days. - In the event that holidays are declared by the district collector or the state government, the institutions are required to reschedule the lost instructional days within the same semester, including Saturdays, to ensure the timely
R 3.6	Academic Calendar: The dates of major academic activities shall be published in the Academic Calendar. The academic activities in a semester shall normally include the following: - Commencement and completion of the semester. - Semester Enrollment Dates - Course selection and mapping dates. - University Exam Registration Dates - Schedule of Internal Examinations - Date of publication of attendance and internal marks. - Schedule of End Semester Examinations - Dates of Extra/Co-curricular activities. - Submission of student activity points. - Dates of Internal and External academic audit - Internship dates/Vacation dates.
R 3.7	Timely Completion of Portal-Related Activities: - Colleges are required to strictly adhere to the prescribed timelines set by the University for all portal-related activities. - To prevent technical issues that may arise from last-minute actions, colleges must ensure that all required data and activities are submitted and completed within the specified timeframe.

	iii. The Principals of all colleges are responsible for ensuring that portal activities are completed on time, in accordance with the deadlines provided by the University.
R 3.8	Each branch of the B. Tech. Programme shall have a curriculum and syllabi for its courses, approved by the Academic Council, with subsequent reporting to the Syndicate and the Board of Governors.
R 3.9	Curriculum: A curriculum refers to a structured and prescribed list of courses within a programme, organized in a specific format. It outlines the academic pathway for a particular programme and includes courses categorized under various heads, such as University Core, University Elective, Programme Core, Programme Elective, Open Elective etc. This structured approach ensures that students receive a comprehensive education, covering essential courses/subjects while also providing options for specialized study within their chosen field. <u>Course:</u> Course refers to a specific subject, typically identified by its course number and course title, with a defined syllabus. It encompasses theory courses, practical courses, Mini Projects, or Major Projects that are normally included in the curriculum. Each course is assigned specific credits and learning outcomes, contributing to the overall academic requirements for the successful completion of the B. Tech. programme.

R 3.10	Syllabus: A syllabus is a comprehensive document that outlines the learning objectives, content, and structure of a specific course. It includes essential details such as the course title, course code, course type, and delivery modes—Teaching Hours/Week (L-T-P-R). Additionally, it specifies the credits assigned to the course, Continuous Internal Evaluation (CIE) Marks, End Semester Examination (ESE) Marks, exam duration, and prerequisites. The syllabus also provides the course objectives, expected course outcomes (CO), CO-Programme Outcome (PO) mapping, prescribed textbooks, reference materials, assessment patterns, and question paper format (where applicable). This document serves as a guide for both students and instructors, detailing the learning expectations and assessment methods for the course.
R 3.11	i. Syllabus Revision and Updates: The syllabus for any course shall typically be updated once in every four years. However, innovative elective courses, open electives, industry-linked electives, and industry-linked minors may be introduced as needed. ii. The syllabus of any course offered in the curriculum can be modified or updated based on technological changes and emerging requirements. In any case, the modifications to core courses shall not exceed 30%. iii. All syllabus revisions shall be made exclusively on the recommendations of the relevant Board of

R 3.12	Studies (BoS) and are subject to the approval of the Academic Council, with subsequent reporting to the Syndicate and the Board of Governors.	
	Credit System: The academic programmes of the University are based on a credit system. The curriculum for any branch of the B. Tech. Programme shall comprise a total of 170 credits, which includes 167 academic credits and 3 mandatory student activity-based credits. The general credit allocation pattern is as follows:	
	1 Hour of Lecture (L) per week	1 credit
	1 Hour of Tutorial (T) per week	1 credit
	2 Hours of Practical (P)/Project (R) per week	1 credit
	3 to 4 Hours of Seminar (S)/Practical (P)/Project (R) per week	2 credits
	1 Project Hour (R) included in Project-Based Learning (PBL) per week	1 credit
R 3.13	Credits shall be awarded for all courses listed in the curriculum. Courses in the curriculum are classified into 1, 2, 3, or 4 credit courses based on the chosen content delivery method and the desired depth of the course. The delivery methods include Theory only, Theory with Tutorial, Theory with Lab/Practice, Theory with Project, Lab only and Massive Open Online Courses	

	(MOOC). The L-T-P-R notation for each course signifies the allocation of hours for content delivery in terms of Lecture (L), Tutorial (T), Practical (P), and Project (R) per week.		
R 3.14	Self-Study Hours (SS): In addition to lecture, tutorial, practical/practice, and project hours, the curriculum includes Self Study Hours. Self-Study Hours refer to the time students are expected to dedicate to independent learning activities outside of scheduled classroom instruction. These activities may include reviewing lecture notes, completing assignments, engaging in further reading, practicing problems, or working on projects without direct guidance from instructors or tutors. The Self Study Hours per week for each course are calculated as: $\text{SS Hours} = 1.5 L + 0.5 T + 0.5 P + R$		
R 3.15	Each course within the B. Tech. Programme shall be categorized into one of the ten categories as outlined in the table below.		
Sl. No	Category	Code	Breakup of Credits
1	Humanities and Social Sciences including Management Courses	HMC	9
2	Basic Science courses	BSC	20
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc.	ESC	29
4	Programme Core Courses	PCC	52
5	Programme Core Courses-Project Based Learning	PBL	16

6	Programme Elective courses relevant to the chosen specialization/branch	PEC	18
7	Open Elective Courses/Industry Linked Elective	OEC/ILE	9
8	Mini Project, Project Work/ Internship and Seminar	PWS	12
9	Health and Wellness	HWP	1
10	Skill Enhancement Courses	SEC	1
Total Academic Credits			167
Mandatory Student Activities (MSA)			3
Total Credits			170
R 3.16	Programme Core (PC) Courses are courses directly relevant to the chosen discipline or branch of study. These core courses must be mandatorily taken by the student to fulfil the requirements of the programme and include both theory-only and lab-only courses.		
R 3.17	Project-Based Learning (PBL) is integrated into the curriculum across various disciplines, with specific courses designed to focus on project-based activities. These projects shall align with the course objectives and learning outcomes. Students are required to undertake project(s) related to the course in consultation with the faculty concerned and complete the project(s) within the semester. The optimal size for a project group shall be four members. The curriculum of each programme includes four project-based courses.		
R 3.18	A Programme Elective (PE) course in the B. Tech. curriculum refers to a course that students can select		



	from a specified set of options within their discipline or branch of study.
R 3.19	Levels and Multilevel Courses in B. Tech. Curriculum: A multilevel course is a structured educational approach where course content is divided into sequential levels, each designed to build upon the knowledge and skills acquired in the previous one. This progression ensures a deepening of understanding and expertise in a specific subject or skill set. The concept of multilevel courses is grounded in the philosophy of layered learning, where students are guided through increasingly complex material. This approach solidifies foundational concepts before advancing to more challenging topics, enhancing learning outcomes and preparing students for real-world engineering challenges. As students progress through these levels, they develop a comprehensive and nuanced understanding of the subject matter, equipping them with the necessary tools to excel in both academic and professional environments.
R 3.20	Under the Programme Electives category, courses are offered at both Level 3 and Level 5. Level 3 Courses: Focus primarily on the lower three levels of Bloom's taxonomy (Remember, Understand, and Apply). These courses carry 3 credits with three hours of classroom instruction per week. Assessment is conducted in the same manner as standard theory courses.

	ii. Level 5 Courses: Level 5 courses in the B. Tech. curriculum are designed to assess higher-order thinking skills, such as Analyze and Evaluate, in addition to the lower cognitive levels. These courses carry a total of 5 credits, consisting of 3 Programme Elective course credits and 2 additional credits. Each Level 5 course includes three hours of classroom instruction per week, with students also expected to dedicate an additional three hours per week to self-study. This self-study time is intended to support the development of higher-order thinking skills required for achieving the Analyze and Evaluate levels.
	iii. For Level 5 courses, the lower three levels of Bloom's taxonomy are assessed through Continuous Internal Evaluation and End Semester Examination, while the higher levels are assessed through the Continuous Internal Evaluation component.
R 3.21	Continuous Internal Evaluation (CIE) for Level 5 Courses: Viva Component: A viva component shall be included in the Continuous Internal Evaluation for Level 5 courses. The viva will be conducted with an external subject expert, who must be a faculty member from another college affiliated with KTU. The viva shall be conducted during the last week of the semester in which the course is offered. There will be only one internal examination for Level 5 courses, with the internal mark distribution as follows:



	i. Attendance: 5 Marks ii. Internal Examination: 15 Marks iii. Assessment of Bloom's Taxonomy Levels: Analyze: 5 Marks Evaluate: 5 Marks iv. Viva: 10 Marks
R 3.22	Students may choose to enrol in any of the Level 3 or Level 5 courses offered by the Department.
R 3.23	If a student elects to take Level 5 courses, the 2 additional bonus credits earned may be considered towards fulfilling the total 15-credit requirement for the award of an Honours Degree, as per Regulation R 16.3(iv).
R 3.24	Credit Award for Level 5 Courses: A student registered for a Level 5 course shall be awarded 2 additional credits only if both of the following conditions are met: i. Continuous Internal Evaluation Score: The student must achieve a minimum of 80% of the total marks in the CIE component of the course, or a minimum of 70% marks in the viva component alone. ii. Combined (CIE+ESE) Grade: The student must secure a minimum grade of 'B' when the ESE and CIE marks are combined. If either of these conditions is not fulfilled, the student will be awarded only 3 credits
R 3.25	A minimum enrolment of 15 students is required to offer a Programme Elective course. However, this

	requirement does not apply if the total number of students admitted to the programme is less than 15 or in the case of Level 5 courses.
R 3.26	Open Elective Courses (OE) are designed to broaden a student's knowledge beyond their parent discipline. Students are generally not permitted to choose open electives offered by their parent department. However, they may opt for electives offered by other departments, provided they meet any prerequisite conditions. The minimum enrolment required to offer an Open Elective course is 15 students.
R 3.27	i. Students are prohibited from registering for OE courses if there is more than a 30% overlap in syllabus content with the courses they are pursuing in their Major, Honours, or Minor programmes. ii. Students may select an OE offered by their parent department only if the following conditions are met: • The course nomenclature must be different from the courses in their Major, or Honours programmes. • There must be at least a 70% difference in syllabus content compared to the courses they are taking in their Major, Honours, or Minor programmes.
R 3.28	Industry Linked Electives (ILE) in the B. Tech. curriculum are courses designed to equip students with practical knowledge and skills that align directly with the needs and demands of the industry or the specific



	field of engineering they are pursuing. These electives shall be developed in collaboration with, or with input from industry experts and organizations, effectively bridging the gap between academic learning and real-world industrial applications. Students may choose from a range of industry-linked electives to tailor their education to their specific interests and career aspirations.
R 3.29	Students from all branches are eligible to opt for an Industry Linked Elective (ILE). However, they are not permitted to register for ILE courses if there is more than a 30% overlap in syllabus content with the courses they are taking in their Major, Honours, or Minor programmes.
R 3.30	OE/ILE Course Selection Verification: A scrutiny committee, consisting of the SFAs, KTU Coordinator, Heads of Departments, IQAC Convenor, and the Dean (Academics)/UG Dean, shall verify that the OE/ILE courses selected by students comply with the guidelines R 3.25 to R 3.29. The College Council shall verify and approve the final list submitted by the scrutiny committee. The minutes of the scrutiny committee and College Council meetings shall be made available for verification by external auditors upon request.
R 3.31	Designing and Approval of Industry Linked Electives i. Departments and Colleges are authorized to design the syllabus for Industry Linked electives (ILE) in collaboration with industries/ Government agencies/organizations, ensuring that the course

	content aligns with current industry needs and practices. ii. The college Principal shall submit a comprehensive review report to the university at least two months prior to the commencement of semester classes. This report must include the course details, the benefits of offering the course, details of the industry partner(s), the Memorandum of Understanding (MoU), and the syllabus as approved by the college council. iii. The industry will play a pivotal role in designing the course content. iv. A faculty member of the college assigned to deliver the content for an Industry Linked Elective course must have received appropriate training from the industry partner. The assigned faculty member, in collaboration with the industry partner, will be responsible for ensuring the proper delivery and assessment of the course. v. The Industry Linked Board of Studies of the university shall review the course content to ensure alignment with industry standards and academic requirements. After the review, if required, the Industry Linked Board of Studies shall seek the opinion of the Board of Studies relevant to the subject area to further refine and finalize the syllabus of the Industry Linked Elective. vi. The Industry Linked BoS shall forward its recommendations to the Academic Council of the
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	University for final review and approval. A course shall be offered only after it has received approval from the Academic Council.
R 3.32	Assessment of Industry Linked Electives: - The preparation of assessment plan and its implementation for ILE shall be conducted at the college level. - All documents related to ILE courses and assessment shall be retained at the college for a minimum period of two years following the announcement of examination results. - These documents shall be subject to verification by an external auditor during the audit process and must be produced to the university upon request.
R 3.33	Industry Linked Electives offered by the University: - The Industry Linked Board of Studies of the university, in collaboration with industry partners/Government agencies and Organizations, shall be responsible for designing the syllabi for Industry Linked Electives that are offered by the University. - Affiliated colleges have the option to subscribe to the ILE courses that have been designed by the BoS and approved by the Academic Council of the university. - These courses shall be made available to selected colleges that meet the prerequisites and conditions specified by the university and the industry partner. - Upon subscription, the responsibility for offering



	the course to students shall lie with the college and the industry partner. v. In instances where an ILE is offered as a common course across multiple colleges, the university shall provide the question papers for the End Semester Examination to ensure uniformity in assessment across all participating colleges. vi. The valuation of answer scripts for ILE courses shall be conducted at the college level. The results shall then be reported back to the university following the established protocol.
R 3.34	Students are not permitted to change the PE and OE/ILE courses chosen in a semester after completing the exam registration on the KTU Portal.
R 3.35	Programme Elective (PE) Course Change for Students with FE Status: Students who have been assigned an 'FE' (Failed due to lack of meeting Eligibility criteria) grade in a Programme Elective course are eligible to request a course change if their originally registered elective is no longer offered to the junior batch at their institute. Options for the Student: - Alternate Elective Course: The student may choose to register for an alternate elective course that is available and offered to the current batch. - Continuation of Previously Registered Elective: The student may opt to continue with the previously registered elective course, even if it is not offered to the current batch. In such cases,



	the college shall make the necessary arrangements to enable the student to complete the course. The principal must secure prior approval from the university before allowing a change in the elective course.
R 3.36	Elective Course Change After the Normal Programme Duration: Students who have not successfully completed an elective course within the normal programme duration of eight semesters shall be permitted to change their elective course. In such cases, students can register for an alternative elective within the same elective basket, provided the college is willing to offer that course. Any change in elective course must be approved by both the college and the university.
R 3.37	Re-registration for Students Failing a Level 5 Course: Students who have failed a Level 5 course or received an FE grade shall be permitted to cancel the Level 5 course. In such cases, students may register for an alternative Level 3 course listed within the same elective basket, joining the junior batches.
R 3.38	Skill Enhancement Courses (SEC) are designed to equip students with additional tools, techniques, and expertise that complement their core engineering curriculum. These courses aim to enhance the overall skill set of students, making them better prepared to meet the evolving demands of the professional world.
R 3.39	University Core (UC) courses are a mandatory set of courses for all B. Tech. students, encompassing foundational courses in Humanities, Skilling, and Computer Science. These courses are designed to

	provide a broad-based education and essential skills that are fundamental to the overall development of engineering students.
R 3.40	University Elective (UE) courses are elective courses chosen from a basket of offerings in the Humanities and Social Sciences. These courses allow students to explore areas of interest beyond their core technical education, enriching their overall academic experience.
R 3.41	HMC courses offered in the first year and eighth semester of the B. Tech. curriculum shall be awarded a single credit, irrespective of the number of hours allotted per week.
R 3.42	Maximum Credit Registration in a Semester: - General Credit Limit: The maximum number of credits a student can register for in a semester is limited to 15 credits in excess of the total mandatory credits allotted in the curriculum for that semester. - Exemption for Scheme Migration and Inter-University Transfer Students: There shall be no credit limit for scheme migration students and inter-university transfer students when registering for transitory courses identified by the Board of Studies.
R 3.43	Course Pre-Requisites: For certain courses, students are required to have prior knowledge or expertise. To register for these courses, students may need to have studied specific courses or earned credits in relevant courses. In such instances, the Board of Studies shall clearly outline and specify



	these course pre-requisites in the curriculum and syllabus to ensure that students are adequately prepared for advanced learning.
R 3.44	For Project-Based Learning courses, one project hour per week is included in the curriculum. For the assessment and evaluation of projects, faculty members shall be assigned in a ratio of one faculty member for every twenty students.
R 3.45	The medium of instruction shall be English. All examinations, project/seminar reports and presentations shall be in English.
4. Maximum Duration for the Completion of B. Tech. Programme	
R 4.1	i. Additional Grace Period: If a student has backlog courses remaining after the normal course duration of four years, the student will be permitted an additional grace period of two years to complete all courses and credit requirements specified in the curriculum. Automatic Cancellation: ii. After this period, the student's registration will be automatically cancelled unless an extension is granted by the university. No separate intimation regarding this cancellation will be sent to the student. iii. At the end of the programme duration permitted by the university, students will no longer be able to register for courses or exams on the KTU portal. However, they may still apply for certificates, result revaluation, cancellation/

	migration, and engage in other portal activities permitted by the university. cancellation/migration, and engage in other portal activities permitted by the university.
5. Academic Mentoring and Student Support	
R 5.1	Advisory System: Senior Faculty Advisor (SFA) and Faculty Advisors (FAs) i. Each class shall be assigned a dedicated SFA and multiple FAs to provide focused guidance to students. The Principal, in consultation with the Head of the ii. Department (HoD), shall designate a regular faculty member with a minimum of five years teaching experience as the SFA. To ensure optimal attention, an SFA shall be assigned to only one class. iii. Each FA shall be responsible for overseeing the academic progress, well-being, and guidance of 25 to 35 students within their assigned class. Faculty members with less than five years of iv. experience may be appointed as SFA only if more experienced faculty members are not available within the department. If there are insufficient faculty members to serve v. as Faculty Advisors (FAs), faculty from Science or Humanities disciplines may also be considered for these positions to ensure adequate support vi. and guidance for students. Regular communication with the parents of students regarding progress in academic matters

	and other general issues shall be the responsibility of the SFA/FA.
R 5.2	The documents concerning all curricular and co-curricular matters of students under an advisory group shall be maintained under the custody of the SFA or FA.
5.3	Communication Protocol for Student and Parent Requests: i. Students and parents are required to seek advice, clarifications, and permissions regarding academic matters from their SFA or FA. ii. All requests or applications from individual students or parents to college or university administrators must first be reviewed and recommended by their SFA or FA. The HoDs shall then forward these recommendations to the principal for further action. iii. The institution is responsible for providing the necessary guidance, clarifications, and advice to students and parents in accordance with the prevailing academic regulations. iv. The SFA shall organize separate or combined meetings with advisors, course faculty, parents, and students to discuss students' academic progress and provide guidance on academic, non-academic,
R 5.4	Course Faculty: Major Responsibilities: i. Compliance with Regulations: The course faculty shall adhere to all regulations and syllabus

	requirements related to the teaching of the course and the evaluation of students. Record Maintenance: The course faculty is responsible for maintaining all relevant records for ii. the course, including answer books, attendance, and other essential documents of the students enrolled in the course. Conduct of Classes: The faculty shall conduct classes according to the University Academic iii. Calendar and the teaching/learning timetable issued by the Head of Department. Course and Evaluation Plan Distribution: The course faculty shall provide a course plan and iv. evaluation plan, including course objectives and background materials, to all students within the first week of the semester. v. Evaluation Plan Preparation: The faculty shall develop a detailed evaluation plan that outlines how students' performance will be assessed throughout the course. vi. Documentation and Communication of Performance: The course faculty is responsible for documenting student performance and ensuring timely communication of results to students, including posting results on notice boards as stipulated by the University's regulations. vii. Reporting to HOD: The faculty shall report monthly to the HOD on cases of poor academic performance or low attendance, which may result in a 'FE' grade at the end of the semester.
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R 5.5	Class Committee and Class PTA Meetings i. Class Committee Formation: . For every class, a class committee shall be constituted by the Head of department, as given below: . Chairperson: Senior Faculty Advisor . Faculty Members- A senior faculty member from another . Student members: A minimum of eight student representative from all genders. ii. Class Committee Meetings: . The class committee shall convene at least twice during the semester to: . Interact and express opinions and suggestions to improve the effectiveness of the teaching-learning . Analyze the performance of the students in assessments and discuss ways to address any problems. . Discuss other problems faced by the students in classrooms, laboratories, and within the college. . The first meeting shall be held within two weeks from the date of commencement of the semester . The second meeting shall be held after the announcement of first internal examination results. iii. Class PTA Meetings:
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	- Each class shall conduct a Parent-Teacher Association (PTA) meeting at least once per semester. In situations where physical meetings are not possible, class PTA meetings may also be conducted in online mode. - The PTA meeting should be scheduled after the first internal examination results are announced, allowing for a comprehensive discussion of students' academic progress, attendance and addressing any academic or nonacademic issues faced by students. B. Tech. Regulations, 2024 APJ Abdul Kalam Technological University 20 - The meeting shall include the following participants: . HOD, SFA, FAs and Faculty Members . Parents/Guardians of the students . Any actionable items or concerns raised during the PTA meeting should be addressed promptly by the concerned faculty, HoD, or college administration.
R 5.6	i Internal Marks and Attendance Display: Internal marks, course-wise attendance percentages, and activity points shall be uploaded to the University portal only after they have been displayed on the department notice board for at least two working days.



	- Any concerns raised by students regarding internal marks, attendance, or activity points shall be addressed in class committee meetings. The HoD/Dean/Principal shall ensure that proper resolutions are made. ii. Minutes and Action Taken Reports: - The SFA shall maintain minutes and action taken reports for all meetings. - These records must be approved by the HoD and Principal and be made available to academic auditors and the University upon request.
R 5.7	Maintenance of Student Records: i. The SFA/FA shall maintain a hard copy of the consolidated statement of attendance, internal marks, and activity points for the students in their advisory group. ii. These documents must be kept with the Head of Department (HoD) at all times to ensure they are readily available for any inspections.
R 5.8	i. The Principal shall inform and forward all regulations, amendments, guidelines, academic calendars, circulars, announcements, etc., issued by the University regarding student academic and other matters to the HoDs and faculty/staff members for their information and timely action. ii. The SFA/FA shall ensure that all relevant information is communicated to the students to facilitate the timely completion of all academic activities as per the schedule published by the college and University.

6. Attendance	
R 6.1	i. Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances, they are permitted to take leave, provided that the total leave of absence does not exceed 25% of the academic contact hours for a course. ii. A minimum of 75% attendance is mandatory to be eligible to appear for the end semester examination. iii. Menstrual Leave Attendance Relaxation: A 2% relaxation in attendance shall be granted to eligible students as menstrual leave. iv. PWD Attendance Relaxation: A 5% relaxation in attendance shall be granted to students with disabilities (PWD). v. The students shall be informed about their attendance status periodically by the colleges so that the students shall be cautioned to make up the shortage.
R 6.2	Attendance Requirement Relaxation: i. Eligibility for Relaxation: In exceptional cases, such as medical reasons or personal emergencies, the Principal may grant permission for condonation of attendance for students if their attendance is less than 75% but greater than or equal to 60%. ii. This relaxation applies to one or more courses registered in the semester. The Principal shall keep all records leading to this decision on

	attendance for verification by Academic Auditors/University officials.
	iii. This provision is applicable only for any two semesters during the normal programme duration.
	iv. <u>Attendance Condonation Fee:</u> Students shall pay a fee, as fixed by the university, for each course to avail the attendance condonation option.
R 6.3	Attendance Relaxation (Duty Leave) for Participation in Official Events: - Principals are authorized to grant attendance relaxation (duty leave) to students representing the college and Zone in officially sponsored competitions, events, championships, or tournaments. - Maximum Allowable Relaxation: Attendance relaxation is allowed up to a maximum of 10% for eligible students. - Students participating in Intercollege events must produce participation certificates countersigned by the Officer in charge of the event. - If a student represents the Zone, they must produce participation certificates from the university officials to claim duty leave. For sports activities, this certificate should be countersigned by the University Event Coordinator or the Director of Physical Education. For other extracurricular activities, the certificate should be countersigned by the Officer in charge of the event at the University or the Dean (Academics).

	v. Submission Process for Participation Certificates: All participation certificates should be forwarded to the Principal with recommendations from the Senior Faculty Advisor, Head of the Department, College Union Advisor, and the Dean (Academics)/UG Dean/Dean (Student Affairs) of the college. The participation certificates must be submitted within ten days of the event, and late applications will not be considered under any circumstances. vi. Requests for relaxation of attendance will be considered only at the end of the semester.
R 6.4	Attendance Relaxation for Organizing Extra/Co-Curricular Activities: i. The Principals are authorized to grant attendance relaxation (duty leave) to the College Union/University Union members for organizing extra/co-curricular activities, up to a maximum of 10%. ii. For university-level events, students must produce the required documents countersigned by the Director of Physical Education of the University or the Officer in charge of the event at the University. iii. For college-level activities, the documents should be countersigned by the College Union Advisor. iv. Submission Process for Participation Certificates: All participation certificates should be forwarded to the Principal with recommendations

	from the Senior Faculty Advisor, Head of the Department, and the Dean (Academics)/UG Dean/Dean (Student Affairs) of the college. v. The participation certificates/documents must be submitted within ten days of the event, and late applications will not be considered under any circumstances. vi. Requests for relaxation of attendance will be considered only at the end of the semester.
R 6.5	i. Special Leave for Participation in International Events and Republic Day Parades: - The period of participation in international events and Republic Day parades, including attendance at coaching or training camps and travel, while representing the University or State or Country with prior approval, shall be considered as special leave. ii. Special Leave for Participation in Inter University Tournaments/ National and International Events: - Special Leave Eligibility: The days of participation in Inter-University tournaments or representing the University, State, or Country in officially sponsored competitions, championships, or events shall be considered as special leave for the students involved. - Prior Permission: Students must obtain prior permission from the Principal and University

	Events Coordinator, before participating in the Inter University tournaments/events. • Minimum Attendance Requirement: Special leave will only be sanctioned if the student has a minimum of 50% course-wise attendance for that semester. • Certificate Submission: After the event, students must submit participation certificates, duly signed by the University Events Coordinator, within ten days of the event. Special leave requests without prior permission, participation certificate or late submissions will not be considered under any circumstances. iii. Record Keeping: • The Principal shall maintain all records related to the sanction of special leaves, including participation certificates, for verification by Academic Auditors or University officials.
R 6.6	If participation in national or international events and Republic Day parades, while representing the University, State or Country, coincides with the End Semester Examinations, the next available examination opportunity shall be considered as the student's first chance.
7. Assessment	
R 7.1	End Semester Examinations (ESE): i. Examination Schedule: ESE shall be conducted every semester for courses as prescribed under the respective curriculum and syllabus.



	ii. Option to Defer Examination: A student may choose to take the ESE at the end of the current semester or defer it to the end of the following semester, except for the 8th semester where this option is not available, for any courses studied during that semester. iii. Class Completion Requirement: Semester classes must be completed at least ten days before the commencement of the End Semester University written examinations. iv. Valuation for HMC courses will be carried out at the college level, with question papers provided by the University. However, the answer scripts for the course "Economics for Engineers" will be valued in the University's central valuation camps.
R 7.2	End Semester Examinations shall be conducted twice a year in accordance with the examination calendar published by the university. i. Syllabus Modification for Supplementary Examinations: If the syllabus of a course has been modified as per regulation R 3.11, students who are attending supplementary examinations will be allowed to take the exam under the original syllabus for up to two supplementary examination attempts. ii. Transition to Modified Syllabus: After the second supplementary attempt, students who have not passed the course must take the examination based on the modified syllabus.

	No further examinations under the original syllabus will be permitted.
R 7.3	Candidates in each semester shall be evaluated both by Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE). Unless specifically mentioned in the curriculum, the ratio of Continuous Internal Evaluation (CIE) to End Semester Examinations (ESE) shall be as follows: 1. Theory Courses - 2:3 2. PBL Courses - 3:2 3. HMC Courses - 1:1 4. Laboratory Courses - 1:1 5. Project - CIE only 6. Internship - CIE only 7. Seminar - CIE only
R 7.4	The evaluation scheme for theory courses, theory and lab-embedded courses, lab courses, seminars, mini projects, projects, and health and wellness courses shall be clearly outlined and published in the syllabus of each programme.
R 7.5	Continuous Internal Evaluation (CIE): • CIE shall be conducted based on day-to-day work, periodic tests, assignments, case studies, activities, micro projects, mini projects, MCQ, quiz etc. • The evaluation pattern and weightage for each parameter shall be detailed in the syllabus of each course included in the curriculum.



	- The faculty member(s) assigned to a course shall be responsible for carrying out the Continuous Internal Evaluation (CIE) for that course. i. Internal Written Examinations: - The internal written examinations shall be conducted as specified in the syllabus of each course. - The duration of the written examination shall be 2 hours and it shall carry a total of 40 marks. If there are two written examinations, each test shall cover 50% of the syllabus. - Retests: Retests are permitted for students with valid reasons. - They should be conducted immediately after the completion of the second internal examination, with a timetable officially published by the college's examination cell. ii. CIE Marks for Attendance: - Full Marks for High Attendance: Full CIE marks for attendance shall be awarded if a candidate has secured 85% attendance or above in the course. Proportional Reduction for Lower Attendance: - If a student has attendance below 85% in a course, a proportional reduction in the attendance marks shall be applied as follows: - Above 80% but less than 85% Attendance: 4 Marks - Above 75% but less than 80% Attendance: 3 Marks
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	. Above 70% but less than 75% Attendance: 2 Marks . Above 60% but less than 70% Attendance: 1 Mark - Below 60% Attendance: 0 Marks . Duty leave/special leave shall be considered when awarding internal marks for attendance.
R 7.6	Self-Study/Self-Learning Option for students undergoing Internship (S7 & S8): i. Students undertaking internships in Semester 7 or 8 may opt for a self-study/self-learning mode instead of attending regular classes or MOOC courses. ii. The evaluation for self-study courses will be conducted in a similar manner as for regular theory courses. iii. The attendance percentage accrued during the internship period will be considered equivalent to class attendance for all courses. iv. All other academic requirements detailed in the course syllabi, such as assignments, micro-projects, and internal examinations, must be completed by these students as per the instructions provided by the course faculty and the Head of Department. v. The registration, examination etc. will be as per academic/Examination calendar. vi. Students doing internships at a location different from their college may deliver their Semester 7 seminar in an online mode. The seminar will be evaluated using the same criteria as in-person seminars.



R 7.7	Submission and Resolution of Complaints Regarding Continuous Internal Evaluation Marks: The CIE marks obtained by students for all courses in a semester shall be published at least 7 days before the commencement of the End Semester Written Examinations. - Submission of Complaints: Any grievances or concerns regarding the published CIE marks must be submitted by the students individually to the faculty handling the course, as well as to the Senior Faculty Advisor, within two days of the publication of marks. - Resolution Process: The Head of Department, UG Dean, and Principal shall ensure that genuine complaints are promptly addressed and resolved.
R 7.8	There shall be no option for students to improve their Continuous Internal Evaluation marks. Special Provision: - In exceptional situations, there shall be a provision for the University to conduct the CIE if the University finds significant procedural lapses or major discrepancies, identified by the Syndicate, in the internal assessment process that have substantially impacted the evaluation process for an entire class at any affiliated institution. The University will define the procedure, which - may include re-assessment, or other appropriate methods. The revised internal marks will then be updated in the student's final grade.

	iii. The decision of the University regarding the special provision shall be final and binding, and no further appeals will be entertained once the process is completed.
R 7.9	Students registered for a course shall attend the course regularly, complete the Continuous Internal Evaluation, and, if eligible, appear for the End Semester Examinations.
R 7.10	To be eligible to attend the End Semester Examination for a course, students must fulfil the following criteria: - Attendance: A minimum attendance of 75% is required for each course. However, the following relaxations are applicable: - A 2% relaxation in attendance shall be granted to students eligible for menstrual leave, reducing the required attendance percentage to 73% for each course. - Students with disabilities (PWD) shall be granted a 5% relaxation in attendance, lowering the minimum required attendance to 70% for each course. - Disciplinary Status: Students must not have any pending disciplinary actions.
R 7.11	Students are expected to uphold disciplined and respectful behaviour at all times, both on and off campus. It is imperative that students avoid any actions or activities that could harm or diminish the reputation and prestige of the University or College. Timely Updation of Student Disciplinary Action Status on KTU Portal:



	i. All disciplinary actions taken against students must be promptly recorded and updated on the KTU portal. ii. The Principal or Head of the Institution is responsible for any consequences arising from delays or omissions in reporting disciplinary actions.
R 7.12	Students who fail to meet the minimum attendance eligibility requirement in a course shall be awarded an "FE" (Failed due to lack of meeting Eligibility criteria) grade and will be ineligible to appear for the ESE for that course.
R 7.13	Registration for Courses with "FE" Grade Students awarded an "FE" grade must register for the courses during the semesters in which the courses are normally offered. However, students may register for "FE" courses from any semester, provided those courses are offered by their institute.
R 7.14	Registration for Trailing "FE" Courses: A trailing student is defined as one who has completed the academic programme of the normal eight-semester duration but still has pending backlogs. Backlog subjects refer to courses from previous semesters in which the student has received an 'F' or 'FE' grade. These students must retake exams or complete assessments to fulfil degree requirements. i. Students with trailing "FE" (Failed due to lack of meeting eligibility criteria) grades are eligible to re-register for these courses to clear their backlogs.

	ii. Credit Limit Exemption: Trailing students may register for "FE" courses from any semester without being subject to the credit limit specified in R 3.42, provided the courses are offered by the institute during the registration period.
R 7.15	Syllabus Change (FE Students Re-registering a Course): If there is any change in the syllabus as per regulation R 3.11, FE students who are re-registering for the course must undergo the new syllabus currently being offered.
R 7.16	"Ab" Grade and Option to Defer End Semester Examination: i. Opting Out of ESE (Except Semester 8): - Students who have completed a course and registered for the ESE are permitted to opt out of attending the End Semester examination in any semester except Semester 8. - In such cases, an "Ab"(Absent) Grade will be assigned, provided the student meets the minimum attendance eligibility requirement. ii. Absence Due to Health Issues or Personal - Students who have completed a course and registered for the End Semester Examination but were unable to attend the ESE due to health issues or personal emergencies, except in Semester 8, shall be marked with an "Ab" Grade on the semester grade card, provided they meet the minimum attendance eligibility requirement.



	iii. First Attempt Consideration: • The next immediate examination opportunity will be considered as the student's first attempt at the examination. • These students are required to re-register for the End Semester Examination at the next available opportunity to earn the credits. iv. Conversion to "F" Grade: • If the student does not register for and attend the immediate supplementary examination offered by the university, the "Ab" Grade will be converted to an "F"(Fail) Grade. v. Absence in Semester 8: • If a student does not attend the ESE in Semester 8, an "F" Grade will be awarded, irrespective of the reasons for absence. vi. Absent for Honours and Minor Examinations: • If a student does not attend the ESE of Honours and Minor courses, an "F" Grade will be awarded, irrespective of the reasons for absence.
R 7.17	Pass Criteria for Courses: - The pass minimum for a course shall be 40% in the End Semester Examination (ESE) and 50% in the combined score of Continuous Internal Evaluation (CIE) and End Semester Examination (ESE). - Failing Grade: A letter grade 'F' will be awarded

	to a student if the overall mark (CIE + ESE) is below 50%. iii. Courses Assessed Solely through CIE: For courses that are assessed solely through CIE, the pass minimum shall be 50%.
R 7.18	Awarding of FE Grade for CIE-Only Courses: Students who do not achieve a passing grade or minimum attendance eligibility in CIE- only courses shall be awarded an "FE" grade instead of an "F" grade.
R 7.19	i. Students who receive an 'F' grade in an End Semester Examination must appear for the End Semester Examination at the next available opportunities to earn the credits. ii. They shall not be permitted to re-register for the same course.
R 7.20	Grading and Grade Card Information: Letter Grades: At the end of each semester, a student will receive a ‘Letter Grade’ for every course they have registered for during that semester. These letter grades will reflect the student’s performance in each course. i. Grading Criteria: Grading shall be based on the percentage of marks obtained by the student in a course, as outlined in section R 7.21. ii. Semester Grade Card: The semester grade card will include the grade for each course, along with the Semester Grade Point Average (SGPA) for that semester.

R 7.21	Grade and Grade Points	
Grades	Grade Point	% of Total Marks Obtained in the Course
S	10	90% and above
A+	9.5	85% and above but less than 90%
A	8.5	80% and above but less than 85%
B+	8.0	75% and above but less than 80%
B	7.5	70% and above but less than 75%
C+	7.0	65% and above but less than 70%
C	6.5	60% and above but less than 65%
D	6.0	55% and above but less than 60%
P (Pass)	5.5	50% and above but less than 55%
F (Fail)	0	Below 50% overall (CIE + ESE) Or Below 40 % for ESE Or Absent for Honours/Minor ESE
FE	0	Failed due to lack of meeting Eligibility criteria Or Failed in CIE only courses
Ab (Absent)	0	Assigned to a student who deferred the regular ESE or was absent, but still meets the eligibility criteria.
Classification of B. Tech. Degree	First Class with Distinction	CGPA 8.0 and above
	First Class	CGPA greater than or equal to 6.5 and below 8.0
Equivalent Percentage Mark shall be = $10 * \text{CGPA}$		

R 7.22	Successful Course Completion and Credit Earned: i. Passing Grades: A student will be considered to have successfully completed or passed a course if any of the following grades are earned - S, A+, A, B+, B, C+, C, D, or P. ii. Credit Earned: The credits for the courses in which a student has obtained a 'P' (minimum passing grade for a course) grade or higher shall be counted as credits earned by the student.
R 7.23	Semester Grade Cards and Consolidated Grade Card (CGC): i. A Grade Card shall be issued to each eligible student at the end of each semester, and a CGC will be issued at the end of the programme. ii. Grade cards for registered courses will be made available in the student's login portal at the end of each semester. iii. The grade card shall reflect the course name, course code, grades, and credits acquired by the student for each registered course. Additionally, the grade card will indicate the month and year of examination for each course, as well as the Semester Grade Point Average (SGPA) for that semester. iv. The Cumulative Grade Point Average (CGPA) will be included in the semester grade card only if the student has cleared all courses and has no backlogs at the time of the declaration of that semester's results. v. The 'F', 'FE', and 'Ab' grades obtained by a student will be removed from the grade card once the course is successfully completed.

	vi. Upon earning the required credits for the degree, the University shall issue a final Consolidated Grade Card for the B.Tech. programme. vii. The CGC will include the Cumulative Grade Point Average and reflect the overall performance of the student in all semesters since joining the programme. Additionally, the month and year of programme completion will also be included in the CGC. viii. The CGC shall be issued to students upon request and payment of the prescribed fee.
R 7.24	CGPA Certificate and CGPA Calculation Statement: i. CGPA Certificate: • A CGPA Certificate, reflecting the current Cumulative Grade Point Average of a student, will be issued upon formal request. • The CGPA displayed on the certificate will be the most up-to-date value as of the date of issuance. ii. CGPA Calculation Statement: • A CGPA Calculation Statement will be provided upon formal request by the student. This statement offers a detailed breakdown of the student's Cumulative Grade Point Average (CGPA) calculation. iii. Fee Payment: • To obtain either the CGPA Certificate or CGPA Calculation Statement, the student must pay the prescribed fee, as determined by the University.

R 7.25	Official Transcripts (OT): - Official transcripts shall be issued to students both before and after the completion of the programme upon request and payment of the prescribed fee. - Upon successful completion of the programme, the Official Transcript issued to the student shall include all the information contained in the individual grade cards for each semester, along with the month and year of passing and the Cumulative Grade Point Average (CGPA). - The Official Transcript issued before eighth semester will include the grade card information for all semesters that the student has successfully completed up to the date of issuance.
R 7.26	Inclusion of Honours and Minor Credits in Consolidated Grade Card/ Official Transcripts: - The CGC and OT shall separately include the credits earned for Honours and Minor programmes, where applicable, highlighting the student's additional achievements beyond the core curriculum. - If a student has not acquired eligibility for the award of the Honours or Minor degree, the credits earned for these courses will be reflected as “Additional Credits earned” by the candidate on the CGC and OT.
R 7.27	Examination Grade Sheet for Honours/Minor Programmes: The Examination Grade Sheet is an official document that allows students to view the result status of the



	Honours or Minor courses they have registered for in a given semester. - Separate Grade Sheets: Separate examination grade sheets for Honours and Minor courses will be accessible through the student's login, providing a clear overview of their performance in each category. - Content of the Grade Sheet: For Minor and Honours programmes, the title of each successfully completed course, along with the corresponding number of credits and grades (if applicable) earned by the student in that particular semester, will be included in the Examination Grade Sheet.
R 7.28	Position Certificate for Top 2% Students: The University shall issue a Position Certificate to the top 2% of students in each discipline or branch of study, based on their academic performance across all semesters. The ranking shall be determined by the student's Cumulative Grade Point Average (CGPA) at the end of the programme. Eligibility Criteria: - Students with any history of 'F', 'FE', or 'Ab' grades are not eligible for the Position Certificate. - Only students who have completed their degree requirements within the normal programme duration are eligible. - The certificate will be issued only after three months from the announcement of the Semester 8 results.

	iv. The ranking will be based on the CGPA as of the date of the official publishing of the position ranking. No re-ranking will be entertained after the issuance of the certificate. v. Any disciplinary action during the course of the programme will disqualify a student from receiving the position certificate. The University reserves the right to amend the policy or criteria for issuing position certificates, subject to changes in academic regulations or other governing factors.			
R 7.29	Grade Improvement: Students are not permitted to improve the grades of successfully completed courses.			
R 7.30	Minimum Cumulative Credit Requirements for Registering to Higher Semesters:			
Semester	Total Credits Allocated in the Curriculum	Cumulative Credits	Minimum Cumulative Credits required for Regular B. Tech. Students	Minimum Cumulative Credits required for B. Tech. Lateral Entry Students
First	20	20	N A	Not Applicable
Second	24	44	Not Insisted	Not Applicable
Third	25	69	Not Insisted	Not Applicable
Fourth	24	93	Not Insisted	Not Insisted
Fifth	23	116	18 Credits from S1 & S2	Not Insisted
Sixth	23	139	Not Insisted	Not Insisted
Seventh	17	156	37 Credits from S1 to S4	15 Credits from S3 and S4
Eighth	11	167	Not Insisted	Not Insisted



R 7.31	Mandatory Course and Examination Registration: - All students are required to register for the prescribed credits in each regular semester unless they are on authorized leave from the institute. - Course Registration and Exam Registration, as per the prescribed dates announced in the Academic Calendar, are mandatory for every student. - A student who fails to complete both Course Registration and Exam Registration for all the courses listed in the curriculum for a given semester will not be eligible to enrol in the next higher semester.
R 7.32	Minimum Attendance Requirement for Semester Advancement: - Students will not be permitted to register for the next higher semester if they do not achieve at least 40% average attendance in the current semester. - There shall not be any restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the minimum attendance requirement and Regulation 7.31(iii).
R 7.33	All matters pertaining to the conduct of End Semester Examinations (ESE), declaration of results, revaluation, scrutiny, review, handling of malpractices, and related procedures shall be managed in strict accordance with the University Examination Manual.
R 7.34	CCTV Surveillance for End Semester Examinations: All End Semester Examinations (ESE) shall be conducted under CCTV camera surveillance to

	maintain the integrity and security of the examination process. ii. The Principal or the Head of the Institution is responsible for ensuring that all video recordings and footage are securely stored at the college for the minimum period specified in the University Examination Manual. These recordings must be readily available for review by authorized personnel if required.
8. Challenge Courses	
Challenge courses, also referred to as "Challenge exams" or "Credit by Examination courses," are an integral component of the B. Tech. 2024 curriculum, designed to offer students the opportunity to demonstrate their knowledge and competency in specific courses without undergoing the conventional Continuous Internal Evaluation process. This approach is aligned with the principles of "Recognition of Prior Learning" (RPL) or "Prior Learning Assessment and Recognition" (PLAR), which acknowledge the skills, knowledge, and experiences individuals have gained outside formal educational settings.	
R 8.1	Eligible Courses: The courses eligible for Challenge examinations shall be clearly specified in the curriculum. Students may choose to attempt Challenge courses listed in higher semesters during a lower semester, in accordance with the table provided in the curriculum.
R 8.2	Registration Limit: Students are permitted to register for Challenge examinations for a maximum of 20 credits throughout the duration of the programme.



R 8.3	Exam Registration and Schedule for Challenge Courses: The University shall publish the dates for exam registration and the examination schedule for Challenge courses in each semester. These dates will be communicated in advance to ensure that students have sufficient time to register for the Challenge examinations and prepare accordingly.
R 8.4	Exemption from Continuous Internal Evaluation: i. Students registered for a Challenge exam are exempted from Continuous Internal Evaluation and will be assessed solely through the End Semester Examination. ii. Grades will be awarded entirely based on the percentage of marks scored in the ESE, but no grade points will be awarded.
R 8.5	Eligibility Condition to Pass a Challenge Course:
	i. If a student opts to attempt a Challenge course from a lower semester, they must register and appear for the End Semester Examination scheduled by the university for that course. To be eligible to pass and earn the credit ii. specified for that course, the student must secure a minimum grade of 'C'.
R 8.6	i. Students are required to attend classes for the course in the higher semester if the results of the Challenge examinations are not published by the University. ii. If the students pass the Challenge examination upon the release of results, they will not be required to continue attending the course with their classmates.

R 8.7	Failure and Re-Take Policy: Students who fail to achieve the minimum passing grade or do not attend the exams on the scheduled date will not be allowed to re-take the Challenge exam for that course. However, they may register for the remaining non-challenged courses listed in the Challenge course table.			
R 8.8	Course and Exam Registration After Failing Challenge Examinations: Students who fail the Challenge examinations are permitted to register for the failed courses in regular semesters along with other students as a normal course.			
R 8.9	Credits earned for challenge courses shall not be considered for calculating the SGPA/CGPA.			
R 8.10	Grace Marks shall not be awarded for challenge courses.			
R 8.11	Eligible Challenge Courses and Semester Availability			
Sl. No.	Sem.	Course Type	Course Title (Course Name)	Preceding Semester from where the Challenge courses can be taken
1	S2	BSC	Group Specific Mathematics-2	S1
2	S2	BSC	Physics for Engineers	S1
			Chemistry for Engineers	
3	S2	ESC	Programming in C (Group A, B)	S1
4	S3	BSC	Group Specific Mathematics-3	S2
5	S4	BSC	Group Specific Mathematics-4	S3
6	S7	OE/PE	One OE and Two Level-3 PE Courses	S5/S6
7	S7	HMC	Elective	S4/S5/S6
8	S8	OE/PE	One OE and One Level-3 PE Courses	S5/S6/S7
9	S8	HMC	Organizational Behaviour and Business Communication	S4/S5/S6/S7

9. Calculation of SGPA/CGPA

R 9.1

Semester Grade Point Average (SGPA)

- The SGPA earned by a student is a quantitative indication of the student's performance in a semester.

The SGPA is the weighted average of the grade

- points obtained in all the courses registered by the student in the current semester.

SGPA Calculation:

- For each course registered, the grade points earned are multiplied by the credits for that course.
- The sum of all such credit- grade point products is then divided by the total credits registered in that semester to calculate the SGPA for that semester.

$$SGPA = \frac{\sum_{i=1}^n (C_i \times GP_i)}{\sum_{i=1}^n C_i}$$

Where:

- n is the number of courses in the semester.
- 'C_i' is the credit assigned for the ith course.
- GP_i is the grade point earned in the ith course.
- The calculation includes all grades, including 'F', 'Ab', and 'FE' grade courses.
- 'F', 'Ab', or 'FE' grades are assigned a grade point of 0

Cumulative Grade Point Average (CGPA)

- The CGPA indicates the overall performance of a student from the time of joining the programme to a specific semester.

	- It is calculated by taking the weighted average of the grade points obtained in all the courses registered by the student since the first semester. CGPA Calculation: $CGPA = \frac{\sum_{i=1}^m (C_i \times GP_i)}{\sum_{i=1}^m C_i}$ Where: - m is the total number of courses considered in the CGPA calculation. 'C_i' is the credit assigned for the ith course and 'GP_i' is the grade point for that course. - The summation is done for all courses specified in the curriculum up to the semester for which the CGPA is being calculated. - The calculation includes all grades, including 'F', 'Ab', and 'FE' grade courses.
R 9.2	CGPA Calculation for Students Admitted under the Lateral Entry Scheme: - For students admitted under the lateral entry scheme, credits for the first and second semester courses shall not be included in the calculation of CGPA. - The Consolidated Grade Card and Official Transcript for B. Tech. lateral entry students shall include the statement: "A total of 44 credits have been awarded based on the credits earned from the qualifying Diploma/Degree Programme."
R 9.3	- Non-Computable Courses for SGPA and - Courses that are not considered for the computation of SGPA and CGPA shall be explicitly listed in the curriculum.

	ii. Exclusion of Minor, Honours, and Challenge Examinations. • Courses pursued towards a ‘Minor’ or ‘Honours’ specialization, as well as credits earned through challenge examinations, shall not be included in the calculation of SGPA or CGPA for the main B. Tech. programme.
R 9.4	GPA and CGPA, shall be calculated to two decimal places.
R 9.5	Percentage Equivalent of CGPA: The percentage equivalent of a CGPA is calculated by multiplying the CGPA; by 10. Example: A CGPA of 8.95 is considered equivalent to 89.5% ($8.95 \times 10 = 89.5\%$).
10. Activity Credits Requirement for B. Tech. Students	
R 10.1	i. A student must earn 3 credits by actively participating in co-curricular and extra-curricular activities, in accordance with the guidelines issued by the University from time to time. The required activity points must be earned from 3 designated groups, as specified in the B. Tech. curriculum. ii. Regular B. Tech. students are required to acquire a minimum of 120 activity points, with at least 40 points earned from each specified group, to fulfil the curriculum requirement of 3 activity credits. B. Tech. lateral entry students are required to iii. acquire a minimum of 90 activity points, with at least 30 points earned from each designated group

	to obtain the 3 activity credits mandated by the curriculum. iv. Students are required to maintain a file containing documentary proof of the activities they have participated in, attested by the Senior Faculty Advisor or Faculty Advisor.
R 10.2	Inter-University and Scheme Migration Students: Inter-university and Scheme Migration students shall earn a minimum of 5 points per semester in each specified group during their period of study at KTU.
11. Eligibility for B. Tech. Degree	
R 11.1	A student shall be eligible for the award of a B. Tech. Degree from the University upon satisfying the following requirements: - Fulfilled all the curriculum requirements within the stipulated duration of the programme. - Minimum CGPA and Credits: Must have a minimum CGPA of 5.0 AND should have minimum 160 credits including 3 credits from Activity Points. - Disciplinary Record: No pending disciplinary actions.
R 11.2	The Degree Certificate, Provisional Certificate, Consolidated Grade Card, and Migration/Cancellation certificates shall be issued to students only after the candidate has settled all dues to the University.
12. Break of Study	
R 12.1	A student is permitted to avail break of study under the following circumstances:

	i. Medical Reasons: • In case of an accident or serious illness requiring prolonged hospitalization and rest. • The student must submit all necessary medical reports, along with the recommendation of the treating doctor, clearly stating the reasons for the break of study and its duration. • Before rejoining, the student must provide a fitness certificate from the treating doctor. ii. Start-up Venture or Product Development: • If the student has a viable idea for a start-up venture or product development. • The student must submit a project report to the college Principal, detailing the purpose, action plan, technical details, funding details, and future plans. • The Principal shall evaluate the proposal by forming an expert team consisting of a technocrat and a bank executive and make a decision based on the team's recommendations. • Break of study for a start-up is allowed only after the 4th semester. iii. Taking up a Fellowship in Foreign University / National and International Industry: • If the student is taking up a fellowship at a foreign university, an institute of national importance, or in a national or international industry.
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	- The student must provide relevant documentation of the fellowship offer, including the duration and nature of the fellowship. - Approval for the break of study shall be granted based on the fellowship's academic and professional value, as assessed by the college Principal, after obtaining - recommendations from the IQAC and the College Council. iv. Personal Reasons: - Students may apply for a break of study due to personal reasons or other circumstances that temporarily hinder their ability to continue their studies for a specified period.
R 12.2	Procedure for Break of Study Approval: - The Principal shall upload the request received from the students for break of study and relevant documents to the University portal for final approval, along with their recommendations. - The break of study will take effect only after receiving final approval from the University.
R 12.3	Duration of Break of Study: - The normal duration for a break of study is 1 year. - In exceptional situations, Break of Study is permitted for a maximum duration of two years.
R 12.4	Break of Study After Examination Eligibility Entry: Colleges shall not be permitted to mark a break of study for a student in a specific semester once the examination eligibility details for that semester have



	been entered on the KTU portal. Students in this situation shall only be permitted to mark break of study in the next immediate semester.
R 12.5	During the break of study period, students are required to adhere to the following guidelines: - Students are not permitted to attend any regular classes offered by the institution during the break of study period. - Students are also not permitted to represent the institution or University in any technical or non-technical events during the break of study period. - Students are not allowed to participate in any institute-level activities or events held on campus during their break of study.
R 12.6	Examination Eligibility: Students are eligible to register and appear for the End Semester Final Examination for courses in which they have received an 'F' or 'Ab' grade.
R 12.7	If a student is debarred/suspended for disciplinary reasons, it will not be considered as a break of study.
R 12.8	Classification of Student Status Post-Break of Study: If a student does not rejoin the institution after the permitted break of study duration and fails to communicate their status, they will be treated as being under "Uninformed Long Absence".
13. Uninformed Long Absence	
R 13.1	A student shall be classified under 'Uninformed Long Absence' if they are continuously absent from classes or

	other academic obligations for 20 working days without submitting a written notification to the Principal.
R 13.2	i. The Principal shall send an official communication to the student, parent, or guardian within 15 working days from the start of the absence, directing the student to immediately resume attendance. ii. This communication should be delivered via registered letter and email.
R 13.3	i. The proof submitted by the Principal for 'Uninformed Long Absence' must include the official communication sent to the student, parent, or guardian directing the student to attend classes immediately, and an undertaking that the student failed to attend classes despite the notice within the specified time (20 working days). ii. These documents shall be uploaded to the university portal by the Principal when marking a student as having an 'Uninformed Long Absence'. iii. The Uninformed Long Absence will take effect only after receiving final approval from the University.
R 13.4	Students designated as being in uninformed long absence shall not be eligible for promotion to the next semester alongside their peers.
R 13.5	Rejoining After Uninformed Long Absence: i. Rejoining for Students (Except First-Year): Students, except those in their first year, are permitted to rejoin within a maximum period of one year following the marking of their 'Uninformed Long Absence' on KTU portal.



	ii. Rejoining for First-Year Students: First-year students are permitted to rejoin if they submit a rejoining request within a maximum period of two months after being marked as Uninformed Long Absence. However, they shall not be permitted to rejoin if they submit the request after the last working day specified in the second semester academic calendar.
R 13.6	Rejoining Fee: A rejoining fee, as fixed by the university, shall be collected from the student upon approval of their rejoining request.
R 13.7	Removal from Roll List: - If students do not rejoin the institute within the time limit specified in Regulation R 13.5, the colleges are authorized to remove their names from the roll list with the approval of the University. - The colleges are not required to pay any cancellation fee for removing the names of students under the 'Uninformed Long Absence' status. - A cancellation certificate or migration certificate can be issued to the student upon formal request. A prescribed fee will be collected from the student for the issuance of these certificates. The certificate will only be issued if the student has cleared all outstanding dues to the University.
14. Scheme Migration	
R 14.1	Credit Transfer and Transitory Courses: In cases of readmission from the 2019 scheme to the 2024

	scheme, the respective Board of Studies shall be responsible for preparing the courses for credit transfer or identifying transitory courses by comparing the 2019 and 2024 curricula and syllabi of the applicant. The Academic Council of the University shall review the recommendations from the BoS and make an appropriate decision based on these recommendations.
R 14.2	i. The relevant Board of Studies of the University shall prepare a detailed table specifying transitory or equivalent courses for each B. Tech. programme by thoroughly comparing the curriculum and syllabus of the 2019 and 2024 schemes. ii. The Board of Studies may favourably consider the credits earned by students under the 2019 Scheme when determining the additional courses, whether audit or credit courses, that students need to complete under the new scheme.
R 14.3	Rejoining After a Break of Study in Semesters 6, 7 and 8 for Students of the 2019 Scheme: i. Students of the 2019 Scheme who rejoin in Semester 6, Semester 7, or Semester 8 after a break of study shall be permitted to continue and complete their programme under the 2019 Scheme (Curriculum), provided their rejoining and course completion occurs within the permitted time duration specified in the applicable regulations/university orders. ii. The college concerned shall be responsible for making the necessary arrangements to support



	these students in continuing and completing their programme under the 2019 Scheme.
R 14.4	i. Students who took a break of study in Semester 1 of the 2019 Scheme will be allowed to rejoin and register afresh in Semester 1 under the 2024 Scheme. ii. Students who took a break of study during Semester 2 in the 2019 Scheme are permitted to rejoin Semester 1 under the 2024 Scheme. This option enables them to address their academic gaps from the start of the program, ensuring full alignment with the 2024 Scheme curriculum. Alternatively, students may rejoin directly in Semester 2 under the 2024 Scheme, following the scheme migration rules.
R 14.5	Rejoining After a Break of Study in Semesters 2, 3, 4, and 5 (Students of the 2019 Scheme) i. Audit Courses Requirement: - Students of the 2019 Scheme who rejoin in Semesters 2, 3, 4, or 5 without any backlogs are required to undergo only the audit courses identified by the respective Board of Studies. - There shall be no examinations or credit allocation for these audit courses. ii. Total Credit Requirement Based on the Credits Earned from 2019 Scheme:)

Sem	Credits (2019 Scheme)	Credits (2024 Scheme)	Rejoining Semester	Total Academic Credits Requirement (2024 scheme Credits+ NN Credits from 2019 scheme)	Total Credit Requirement Including 3 Credits from Activity Points (MM)
1	17	20	NA	NA	NA
2	21	24	2	$147+17+1^*=165$	168
3	22	25	3	$123+(21+17)+1^*=162$	165
4	22	24	4	$98+(22+21+17)+1^*=159$	162
5	23	23	5	$74+(22+22+21+17)+1^*=157$	160
6	23	23	NA	NA	NA
7	15	17			
8	17	11			

	- Digital 101 Course Requirement*: Students of the 2019 Scheme who rejoin in Semester 2, 3, 4 and 5 are required to complete the Digital 101 course as part of their academic requirements. 1 credit from this course is included in the calculation. - Eligibility for B. Tech degree. If students who rejoin in Semester 2, 3, or 4 acquire a total minimum of 157 academic credits, they shall also be eligible for the award of a B. Tech degree as per Regulation R 3.3. iii. Consolidated Grade Card and Official Transcript Statement: - The Consolidated Grade Card and Official Transcript for these students shall include the following statements:
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	"A total of NN credits have been awarded based on the credits earned from the 2019 B. Tech. Scheme, bringing the total credits to MM"
R 14.6	Rejoining After a Break of Study in Semesters 2, 3, 4, and 5 (Students of the 2019 Scheme with F and FE Grades) i. Scheme Migration for FE Grade Courses: • For students with an FE grade in courses under the 2019 scheme, they must undergo the equivalent courses of the 2024 scheme once again and fulfil all eligibility conditions to be eligible to write the end semester examination ii. Scheme Migration for F Grade Courses: • For courses where a student has received an "F" grade under the 2019 scheme, the student is not required to retake the equivalent course under the 2024 scheme. However, the student must appear for the End Semester Examination as per the 2024 scheme. • The internal marks earned by the student under the 2019 scheme will be carried forward and converted to the equivalent percentage under the 2024 scheme for the purpose of final grade calculation. Any fractions of marks during the computation of the internal mark shall be rounded off to the next higher integer.

	iii. Transitory Courses for Non-equivalent Courses: If there are no equivalent courses in the 2024 scheme for courses in which a student has received an F or FE Grade under the 2019 scheme, the Board of Studies (BoS) shall identify appropriate courses in the new scheme to serve as transitory courses.
R 14.7	Credit Limit for Transitory Course Registration in Scheme Migration: There shall be no credit limit (R 3.42) for Scheme migration students regarding the maximum number of credits they can register for in a semester, provided the courses are offered by the institute.
R 14.8	Applicable Regulation and Mandatory Course Registration After Rejoining: - If students rejoin a batch after a break of study, Uninformed Long Absence, or scheme migration, the regulations of the B. Tech. batch in which they rejoin will be applicable. - Students shall also be required to register for and complete all the courses listed in the curriculum along with other students as per the B. Tech. 2024 regulation, irrespective of the semester in which they rejoin.
R 14.9	Mandatory Student Activities After Rejoining Completion Requirement: Students who rejoin a batch after a break of study, Uninformed Long Absence, or scheme migration shall be required to complete the 3 credits for Mandatory Student Activities as per the 2024 regulation.



	ii. Scheme Migration students must earn a minimum of 5 points per semester in each specified group during their period of study, in accordance with the 2024 regulation.
15. Minor in Engineering	
The B. Tech. (Minor) is an extension of the Bachelor of Technology degree, allowing students to pursue additional courses in a discipline outside of their primary field of study. This option provides an opportunity for students to gain expertise in a secondary area, thereby broadening their knowledge base and enhancing their qualifications in multidisciplinary fields. By completing the minor, students can diversify their skill set and open up additional career paths that require a broader understanding of multiple disciplines.	
R 15.1	i. Types of Minors: Minors can be offered in specialized areas, on a branch-wise basis, or as Industry-Linked Minors (ILM). ii. Minors in specialized areas and industry-linked minors can be offered by a single department or in collaboration with two or more departments. - iii Curriculum and the syllabus of the minors shall be approved by the Board of Studies and the Academic Council.
R 15.2	Industry Linked Minors (ILM) offered by the University: i. The Industry Linked Board of Studies of the university, in collaboration with industry partners/Government agencies and Organizations, shall be responsible for designing the syllabi for Industry Linked Minors.

	ii. The industry will play a pivotal role in designing the course content, delivering the course, and assessing the outcomes. iii. Affiliated colleges have the option to subscribe to the ILM that have been designed by the BoS and approved by the Academic Council of the university. iv. These Minors shall be made available to selected colleges that meet the prerequisites and conditions specified by the university and the industry partner. v. Upon subscription, the responsibility for offering the ILMs to students shall lie with the college and the industry partner. vi. A faculty member of the college assigned to deliver the content for an Industry Linked Minor course must have received appropriate training from the industry partner. The assigned faculty member, in collaboration with the industry partner, will be responsible for ensuring the proper delivery and assessment of the course. vii. In instances where an ILM is offered as a common course across multiple colleges, the university shall provide the question papers for the End Semester Examination to ensure uniformity in assessment across all participating colleges. viii. The valuation of answer scripts for ILM courses shall be conducted at the college level. The results shall then be reported back to the university following the established protocol.
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R 15.3	Registration for Minor in Engineering: - All B. Tech. students shall be eligible to register for Minor in Engineering. - Registration for a Minor is permitted at the beginning of the third semester. - A student can opt for only one minor specialization. Once a Minor specialization is registered, it cannot be changed. - A minimum enrolment of 15 students is required to offer a minor programme.
R 15.4	Minor Registration Restrictions: - Students are generally not allowed to register for minors offered by their parent branches. - Additionally, students are prohibited from opting for minor courses if there is more than 30% syllabus content overlap between courses listed in the major and minor programmes.
R 15.5	In exceptional cases, students may select a minor offered by their parent department if both of the following conditions are met: - Course Nomenclature: The course nomenclature differs significantly from the courses in their Major and Honours programs. - Syllabus Content Difference: There must be at least a 70% difference in syllabus content compared to the courses they are taking in their Major and Honours programmes.
R 15.6	The Board of Studies shall publish the details of branches of students eligible to opt for a Minor programme offered by a department or departments.

R 15.7	Minor Programme Selection Verification: - A scrutiny committee, consisting of the Senior Faculty Advisors (SFAs), KTU Coordinator, Heads of Departments, IQAC Convenor, and the Dean (Academics)/UG Dean, shall verify that the Minor programme selected by students complies with the guidelines R 15.3 to R 15.6. - The College Council shall then verify and approve the final list submitted by the scrutiny committee. - The minutes of the scrutiny committee and College Council meetings shall be made available for verification by external auditors upon request.
R 15.8	- Credit Requirement for Minor: - The student shall earn an additional 15 credits to be eligible for the award of a B. Tech. degree with a Minor.
	- Minor Course Distribution: - The distribution of courses for the B. Tech. (Minor) programme is structured to ensure a balanced and comprehensive acquisition of knowledge in the chosen minor discipline. The minor courses and credits are allocated across four semesters to progressively build the student's expertise: - Semester 3: 4 Credits - Semester 4: 4 Credits - Semester 5: 4 Credits - Semester 6: 3 Credits
R 15.9	Out of the 15 credits required for a Minor, 7 to 8 credits shall be earned by undergoing a minimum of



	two theory courses listed in the curriculum for the Minor. The remaining credits can be acquired by: - Undergoing 2 MOOCs recommended by the Board of Studies and approved by the Academic Council, or - Completing theory courses listed in the minor curriculum, or - A combination of MOOC and theory course listed in the Minor curriculum.
R 15.10	The MOOC course shall have a minimum duration of 8 weeks.
R 15.11	Assessment and Credit Earning for Courses and MOOCs - Assessment of Regular Courses: - The assessment of courses, other than MOOCs, and the earning of credits shall be as per regulations R 7.5, R 7.10 and R 7.22, and also based on the guidelines and assessment methods explained in the syllabus of the minor course. - Assessment and Certification of MOOCs - The assessment and certification of MOOCs shall adhere to the prescribed norms set by the respective MOOC platforms. - Candidates must present the certificate issued by the MOOC conducting agency as proof of credit attainment. - This certificate must be submitted within the normal programme duration, in accordance with the guidelines issued by the university.

R 15.12	Registration and Examination for Minor Theory Courses i. Mandatory Registration: • Registration for theory courses listed in the 3rd and 4th semesters of the Minor curriculum is mandatory. • If students do not opt to complete MOOC courses, they must also register for the theory courses listed in the higher semesters. ii. Revaluation: • Revaluation will be permitted for any of the theory courses in the Minor curriculum. iii. No Supplementary Examinations: • There shall not be any supplementary examinations for the theory courses listed in the Minor curriculum. iv. Failure and Alternative Options: • If a student fails in any of the theory courses, they shall be permitted to register for the alternate MOOC course specified in the Minor curriculum. • However, the student must pass a minimum of two theory courses listed in the Minor curriculum to be eligible for the award of a B. Tech. degree with a Minor v. Absence and Attendance Eligibility for Minor Courses: • If a student does not attend the End Semester Examination for Minor courses, an "F" Grade will be awarded, irrespective of
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	the reasons for absence. Students who fail to meet the minimum attendance eligibility requirement to appear for the ESE shall also be awarded an "F" Grade instead of an "FE" Grade.
R 15.13	Completion Requirement for Minor: - If a student does not achieve the mandatory 15 credits as specified in the Minor Degree curriculum and in accordance with Regulations R 15.8 to R 15.11 within the standard four-year programme duration, the Minor will not be awarded. - If a student who has registered for a minor programme does not become eligible for the Minor degree, the credits for the completed Minor courses shall be reflected in the Consolidated Grade Card but will not be included in the SGPA and CGPA calculations.
R 15.14	Grace Marks shall not be awarded for Minor courses.
R 15.15	The additional credits earned for B. Tech. Minor courses shall not be considered for calculating the SGPA/CGPA.
R 15.16	Credits earned in the Minor programme shall not be transferable to the regular B.Tech. programme, and credits from the regular B.Tech. programme shall not be transferable to the Minor programme.
R 15.17	Upon completion of the programme, students will be awarded a degree stating, "Bachelor of Technology in [Major] with Minor in [Minor]."

	The consolidated grade card will reflect this information, including a list of the courses taken for the Minor.
16. B. Tech. (Honours)	
The B. Tech. (Honours) is an enhanced version of the Bachelor of Technology degree, offering students the opportunity to undertake additional courses within their own discipline. This pathway allows students to deepen their knowledge in emerging or advanced areas of engineering relevant to their field of study, providing a stronger foundation for specialized career paths or further academic pursuits. For the award of Honours to B. Tech. students, all requirements for both the basic degree and the Honours must be completed within the normal period of the programme for which the student is registered.	
R 16.1	Eligibility and Qualification for B. Tech. (Honours): - All B. Tech. students are eligible to register for B. Tech. (Honours). - The B. Tech. (Honours) registration shall be along with the registration of the 4th semester. - However, to qualify for the award of B. Tech. (Honours), students must achieve a CGPA of 8 or higher at the end of the eighth semester and meet the specific academic requirements outlined in Regulation R 16.8.
R 16.2	Credit Requirement and Course Distribution for B. Tech. (Honours) Degree - Credit Requirement: - The student shall earn an additional 15 credits to be eligible for the award of B. Tech. (Honours) Degree.



	ii. Course Distribution: 15 credits are distributed across four semesters to ensure a structured and progressive acquisition of knowledge in the Honours discipline. - Semester 4: 4 Credits - Semester 5: 4 Credits - Semester 6: 4 Credits - Semester 7: 3 Credits
R 16.3	Out of the 15 credits required for an Honours degree, 4 credits must be earned by completing the first theory course listed in the Honours curriculum. The remaining 11 credits can be acquired by: - Completing MOOCs recommended by the Board of Studies and approved by the Academic Council, or - Completing theory courses listed in the Honours curriculum, or - A combination of MOOCs and theory courses listed in the Honours curriculum, or Additional credits (2 credits per Level 5 course) - acquired by successfully completing Level 5 elective courses listed in the elective baskets from semester 4 to semester 8, or - A combination of MOOCs, theory courses listed in the Honours curriculum and additional credits (2 credits per Level 5 course) acquired by successfully completing Level 5 elective courses listed in the elective baskets from semester 4 to semester 8.

R 16.4	The MOOC course shall have a minimum duration of 8 weeks.
R 16.5	Assessment and Credit Earning for Courses and MOOCs i. Assessment of Regular Courses: - The assessment of courses, other than MOOCs, and the earning of credits shall be as per regulations R 7.5, R 7.10, and also based on the guidelines and assessment methods explained in the syllabus of the minor course. ii. Assessment and Certification of MOOCs - The assessment and certification of MOOCs shall adhere to the prescribed norms set by the respective MOOC platforms. - Candidates must present the certificate issued by the MOOC conducting agency as proof of credit attainment. - This certificate must be submitted within the normal programme duration, in accordance with the guidelines issued by the university.
R 16.6	Registration and Examination for Honours Theory Courses i. Mandatory Registration: - Registration for theory course listed in the 4th semester of the Honours curriculum is mandatory. - If students do not opt to complete MOOC courses, they must also register for the theory courses listed in the higher semesters. ii. Revaluation:



	• Revaluation will be permitted for any of the theory courses in the Honours curriculum. iii. No Supplementary Examinations: • There shall not be any supplementary examinations for the theory courses listed in the Honours curriculum. iv. Absence and Attendance Eligibility for Honours Courses: • If a student does not attend the End Semester Examination (ESE) for Honours courses, an "F" Grade will be awarded, irrespective of the reasons for absence. • Students who fail to meet the minimum attendance eligibility requirement to appear for the ESE shall also be awarded an "F" Grade instead of an "FE" Grade.
R 16.7	If a student fails in any course, including the course chosen for B. Tech. (Honours), he/she shall not be eligible to continue the B. Tech. (Honours).
R 16.8	Conferment of "Bachelor of Technology (Honours)" The "Bachelor of Technology (Honours) in [Major]" will be conferred upon students if they satisfy all the following conditions: - CGPA Requirement • The CGPA at the end of the eighth semester shall be greater than or equal to 8.0. - Course Completion • The student must earn a grade of 'C' or above in the Honours course offered in the fourth semester and obtain the remaining 11 credits as per the options given in regulation R 16.3.



	iii. Grade History: - There must be no record of 'F' or 'FE' grades in the courses chosen for the Honours and Major programme from Semester 1 to Semester 8. iv. Programme Duration - All academic requirements for the award of the Honours degree must be completed within the normal programme duration of 4 years.
R 16.9	Grace Marks shall not be awarded for Honours courses.
R 16.10	If a student who has registered for an Honours programme does not become eligible for the Honours degree, the credits for the completed Honours courses shall be reflected in the Consolidated Grade Card but will not be included in the SGPA and CGPA calculations. However, the Honours credits will be considered for SGPA and CGPA calculations if the B. Tech. degree is awarded as per Regulation R 3.4 - Credit Consideration for B. Tech. Degree Award.
R 16.11	Awarding Honours and Minor Degree: A student who successfully completes the eligibility requirements for both the Honours and Minor programmes will be awarded a degree stating, "Bachelor of Technology (Honours) in [Major] with Minor in [Minor]."
17. Massive Open Online Course (MOOC)	
R 17.1	The MOOC shall be considered valid only if it is conducted by agencies such as AICTE, NPTEL, SWAYAM, NITTTR, or other agencies approved by the academic council of the university.



R 17.2	The MOOC should have a minimum duration of 8 weeks.
R 17.3	The course should be taught in online mode. The course should include a proctored/offline End Semester examination.
R 17.4	At least 70% of the course content should match the area of study addressed by the concerned Minor/Honours/Major course.
R 17.5	MOOC Approval: i. Proposal Submission: • Submission Deadline: Colleges affiliated with the University must submit proposals for the approval of MOOCs at least one month before the commencement of the respective semester and prior to student enrolment in these courses. • Review Report: The Principal shall submit a comprehensive review report for the proposed MOOCs. This report must include- • Details of the MOOC agency • Course duration • Benefits of offering the MOOC • Syllabus Comparison Report: The proposal must also include a syllabus comparison report, which compares the syllabus of the theory course with the MOOC course. The report should indicate the percentage of similarity in course content, ensuring compliance with the conditions specified in Regulations R 15 and R 16.

	- The Principal shall forward the review report and syllabus comparison report to the University only after obtaining the recommendations of the IQAC and the College Council. ii. No Retrospective Approval: - Under no circumstances will a request from an affiliated college to consider the approval of a MOOC after a student has enrolled be considered.
R 17.6	Students are prohibited from opting for MOOC courses if there is more than 30% syllabus content overlap between courses/subjects listed in the Major, Minor, Honours programmes or with an open elective/industry-linked elective.
R 17.7	Selection and Review of MOOC: - Guidelines for MOOC Selection: The Board of Studies shall issue clear guidelines for selecting MOOCs from an approved list. - Annual Review and Updates: The BoS is also responsible for conducting an annual review of these courses, updating the list as necessary based on feedback from students and faculty. - Publication of Approved MOOCs: The University shall publish the revised list of approved MOOCs before the commencement of each semester, in accordance with the review report submitted by the BoS.
R 17.8	MOOC Selection Verification: A scrutiny committee, consisting of the Senior Faculty Advisors (SFAs), KTU Coordinator, Heads



	of Departments, IQAC Convenor, and the Dean (Academics)/UG Dean, shall verify that the MOOCs selected by students comply with the guidelines R 17.1 to R 17.7.
R 17.9	MOOC Course Registration and Grading: - Students may register for and complete a MOOC included in the curriculum of their programme (Major, Honours, and Minor) in any lower semester. - However, the credits earned for the MOOC will only be awarded and reflected in the grade card for the respective semester in which the course is officially part of the curriculum.
R 17.10	Completion of Honours and Minor MOOCs within Normal Programme Duration: - Students must complete the MOOCs required for Honours and Minor degrees within the normal duration of the programme. - Any MOOCs completed or passed by the student after the normal programme duration will not be considered for the award of Honours or Minor degrees.
18. Grace Marks for Sports /Arts Competitions	
R 18.1	Only bona-fide, regular candidates are eligible for the award of Grace Marks.
R 18.2	The criterion for the award of Grace Marks is representing the University/ state/country in officially sponsored competitions/championships/ tournaments with prior official permission from the University.

R 18.3	Grace Marks for End Semester Written Examinations: - Grace Mark Allocation: Grace marks will be awarded for each course in which the University conducts the End Semester Written Examinations. The grace mark shall be 10% of the ESE marks for that course as specified in the curriculum. - Maximum Marks Condition: The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course. - If a candidate does not achieve the minimum required passing marks after applying the grace marks, additional moderation, as determined by the respective board, may be granted to achieve a pass.
R 18.4	Grace Marks for the winners of Events organized by KTU: - Grace marks shall be awarded to the winners (First, Second, and Third places) of state-level events conducted by the University. The University will publish the approved list of events eligible for grace marks. - Grace Mark Allocation: Grace marks will be awarded for each course in which the University conducts the End Semester Written Examinations. The grace mark shall be 5% of the ESE marks for that course as specified in the curriculum. - Maximum Marks Condition: The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course.

	iv. If a candidate does not achieve the minimum required passing marks after applying the grace marks, additional moderation, as determined by the respective board, may be granted to achieve a pass.
R 18.5	Grace Marks Awarding Criteria: i. Current Semester Performance: Grace marks shall be awarded for the regular examination of the current performing semester. ii. Single Achievement Eligibility: Only the single highest achievement during the semester period shall be eligible for the award of grace marks. iii. Semester Period Consideration: Grace marks will be allocated based on the semester period (Odd or Even) as published by the University for each semester, and they will only be applicable within that specific period. iv. Non-Redistribution Between Semesters: Grace marks shall not be redistributed from one semester to another semester. v. Non-Redistribution Between Courses: Grace marks cannot be redistributed from one course to another within the same semester. vi. Exclusions: Grace Marks shall not be awarded for supplementary examinations, Honours, Minor courses, Challenge Courses or MOOC Courses. vii. First Chance Consideration: Grace marks will be granted to a candidate if the examination is considered their first chance for a particular course, as defined under Regulation R 6.6.

R 18.6	Submission of Grace Marks Request: - The request for Grace Marks shall be submitted to the Controller of Examinations through the Principal, accompanied by all relevant documents. - The submission must be made within the timeframe prescribed by the University. - Any requests received beyond this timeframe shall not be considered under any circumstances.
19. Grace Marks for Persons with Disability (PWD)	
R 19.1	Integration of RPWD Act, 2016 in B. Tech. 2024 Regulations: The Rights of Persons with Disabilities Act, 2016 (RPWD Act), and its provisions, including the implementation of Unique Disability Identity (UDID) Cards, shall be fully integrated and adhered to in the B. Tech. 2024 regulations.
R 19.2	Awarding Grace Marks for PWD Candidates: - PWD candidates who are eligible for Grace Marks shall be awarded these marks for both regular and supplementary examination attempts until they pass the entire examination. - The Grace Marks awarded to PWD candidates shall be 25% of the marks scored by the candidate in each course at the time of finalization of the results. The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course. - Grace Marks shall be awarded for:

	• Courses in which the University conducts End Semester written and practical examinations. • Courses in which the University does not normally conduct End Semester Examinations. • Minor and Honours courses. iv. Fractions of marks if any, while computing the Grace Marks shall be rounded off to the next higher integer. v. Transfer of marks from one paper to another shall not be permitted. vi. Grace marks shall not be awarded for MOOCs and Challenge courses.
R 19.3	Submission of Grace Marks Request: i. The request for Grace Marks shall be submitted to the Controller of Examinations through the Principal, accompanied by all relevant documents. ii. The submission must be made within the timeframe prescribed by the University. iii. Any requests received beyond this timeframe shall not be considered under any circumstances.
20. Inter-College Transfer	
R 20.1	Inter-college transfer shall be applicable only for regular B. Tech. students and is not allowed in the first year of admission.
R 20.2	i. The transfer shall be permitted after the completion of second semester examinations and before the commencement of third semester classes.

	ii. Candidates must fulfil the academic eligibility requirements for promotion to the third semester. iii. The students shall opt for only one college for inter college transfer. iv. The transfer shall be with effect from the first working day of the third semester.
R 20.3	Inter-college transfer shall be completed before the commencement of B. Tech. Lateral Entry Admission in the third semester.
R 20.4	Inter-college transfers shall be initiated by the University through a notification before the commencement of third semester classes, which will also outline the guidelines for the transfer process.
R 20.5	Vacancy Reporting and Publication: i. Colleges shall finalize all category and quota corrections on the KTU portal prior to the vacancy generation process. Subsequently, they should submit a detailed category-wise vacancy list to the university before the inter-college transfer notification is released. ii. The university shall then publish the consolidated college-wise vacancy list on the KTU portal alongside the inter-college transfer notification.
R 20.6	The transfer shall only be permitted within the sanctioned strength of the receiving college as approved by AICTE and the University.
R 20.7	The following category of students shall not be eligible for inter college transfer i. Govt. of India Nominee. ii. Lateral Entry Students.



	iii. Students admitted in any supernumerary seats other than EWS. iv. Any other category ineligible as per conditions for admission prescribed by the Government of Kerala/Government of India.
R 20.8	The transfer shall be permitted only between: i. Govt./ Govt. Colleges ii. Govt./ Govt. Aided Colleges (Merit seats) iii. Govt. Cost Sharing colleges (Merit-Lower Fee) iv. Govt. Cost Sharing colleges (Merit-Full Fee) v. Private Self-Financing Colleges (Merit seats) vi. Govt. Cost Sharing colleges (Merit-Full Fee to Merit-Lower Fee) vii. Govt. Cost Sharing colleges (Merit-Lower Fee to Merit-Full Fee) viii. Management quota in Private Self-Financing Colleges ix. Students admitted under NRI quota in Govt. Cost Sharing colleges x. Students admitted under NRI quota in Self-financing Colleges
R 20.9	Inter-College Transfer -Reservation and Fee Regulation Policy: i. Reservation Policy: The reservation policy of the State of Kerala shall be strictly adhered to for all inter-college transfers into Merit seats. ii. Transfer to Merit (Lower Fee) Seat in Government Cost Sharing Colleges: If the transfer involves moving to a Merit (Lower Fee) seat, the Principal of the receiving college must ensure that

	the transferring students have higher ranks than the first-ranked student in the Merit (Higher Fee) category within the same branch at the college. If this criterion is not met, such students will only be considered for admission under the Merit (Higher Fee) category. iii. In such instances, the College Principal must first transfer eligible students from the Full Fee category to the Lower Fee category based on their Entrance rank before considering new admissions.
R 20.10	Selection Based on KEAM Rank: If the number of applicants exceeds the available vacant seats in the receiving college, the transfer shall be based on the rank obtained by the applicant in the Kerala Engineering Architecture Medical Entrance Exam.
R 20.11	i. Candidates recommended by the Principal of the receiving college shall remit a fee (no fee for SC/ST students) to the University account through the portal within the stipulated date to process the application.
R 20.12	i. The college transfer, once approved by the University upon the recommendation of the Principal of the receiving college through the portal and subject to the conditions stipulated in the regulations, will be final and binding on the applicant. ii. No student will be permitted, under any circumstances, to refuse the change of college once approved by the University.



R 20.13	i. A student is permitted to opt for an inter-college transfer only once during the duration of the programme. ii. Once a student has transferred to a new college, they are ineligible to apply for another inter-college transfer.
R 20.14	Exceptional Circumstances for Inter-College Transfer: In the event of extraordinary circumstances, such as health issues, closure of a college, closure of a branch, or withdrawal of recognition/affiliation by AICTE or the University, the University reserves the right to facilitate the transfer of students from one affiliated institution or college to another affiliated institution or college offering the same discipline/branch at any time during the continuation of the programme.
R 20.15	Timeline for Inter-College Transfer Process: All inter-college transfer processes shall be completed within 30 working days from the date of commencement of semester classes.
21. Migration from other Universities	
R 21.1	Migration to APJ Abdul Kalam Technological University from other universities shall be permitted under the following conditions: i. Ranking Requirement: The parent institution must be ranked in the Engineering category of the National Institutional Ranking Framework (NIRF) or within the top 1000 in the QS, THE, or ARWU World University Rankings. This ensures that the parent institution meets recognized standards of academic excellence.

	ii. Exceptions for Non-Ranked Institutions: In cases where the parent university does not meet the above ranking criteria, migration may still be allowed if a bipartite agreement or Memorandum of Understanding (MoU) has been established between the parent university and APJ Abdul Kalam Technological University for this purpose.
R 21.2	i. Students from both Indian and foreign universities are eligible to apply for inter-university transfer. ii. If the transfer is from a foreign university, the institution must be approved by the Association of Indian Universities (AIU). iii. The transfer process for all applicants shall adhere to the standard procedures outlined by APJAKTU, including application submission, document verification, credit transfer evaluation, and final admission.
R 21.3	Submission of Inter-University Transfer Applications: i. Inter-university transfer applications must be submitted exclusively through the university portal within the specified timeframe outlined in the official inter- university transfer notification. ii. Applications submitted outside of the designated portal or timeframe will not be considered.
R 21.4	Applicants seeking migration to the University must submit the following documents along with their application: i. Regulations, Scheme, and Syllabus of the respective specialization, attested by the Registrar



	of the parent University or an equivalent authority. ii. Copies of all certificates and mark lists from 10th grade onwards, attested by a gazetted officer. iii. Original certificates and mark lists must be produced upon request by the University.
R 21.5	Migration to APJAKTU: i. Migration up to Fifth Semester: - Students shall be permitted to migrate to APJ Abdul Kalam Technological University (APJAKTU) only up to the fifth semester, provided they fulfil the University's eligibility criteria for admission to the course applied for migration. ii. Special Circumstances for Fifth and Sixth Semester Students: - Under special circumstances, students who have completed the fifth or sixth semester at other universities and are willing to do so shall be permitted to rejoin the fifth semester in KTU-affiliated colleges. - However, such students must meet all other eligibility conditions specified by the university.
R 21.6	The student will be offered admission to any of the affiliated colleges or institutions of the University, subject to seat availability. The student must provide a no objection certificate from the respective college or institute regarding this matter.
R 21.7	Admission on a migration basis will be through the lateral transfer of credits, as recommended by the concerned Board of Studies.

R 21.8	Students shall be allowed to migrate to the University subject to satisfying the rules and regulations regarding the maximum number of backlogs, grade points, minimum credit requirements for promotion to higher semesters, etc.
R 21.9	The Board of Studies will assess the student's suitability for migration based on programme compatibility, backlogs, grade points, and credit requirements.
R 21.10	Fees for Migration and Processing i. Fee Payment Requirements: - Students offered admission through migration must pay the specified migration fees and processing (University) fees as set by the University. ii. Payment Schedule: - The processing fee must be paid along with the application. - The migration fee is due at the time of admission offered by the University. iii. Non-Refundable Fees: - Once paid, these fees are non-refundable under any circumstances.
R 21.11	Students offered admission must produce a migration certificate and a character certificate from their parent University/Institute at the time of admission.
R 21.12	i. Completion of Transitory Courses: Admitted students must complete the transitory courses from previous semesters to fulfil programme requirements, as prescribed and assessed by the

	Board of Studies according to the academic requirements of the University. ii. Consideration of Previous Courses: The Board of Studies shall consider advanced courses or different courses completed by the student at the parent Institution when identifying transitory courses. iii. Limit on Transitory Courses: The maximum number of transitory courses that can be allowed is 6. iv. If the Board of Studies decides that more than 6 transitory courses are necessary, the matter must be further decided by the Academic Council. v. If the Academic Council concurs with the Board of Studies' decision on requiring more than 6 transitory courses, the student will have to join a lower semester.
R 21.13	Credit Limit for Transitory Course Registration: Students transferred from other universities shall not be subject to any credit limit (R. 3.42) when registering for courses, including transitory courses, in a semester.
R 21.14	Credit Transfer and CGPA Calculation Policy for Inter-University Transfer: i. Credit Counting: The number of credits transferred from the previous university shall be counted towards fulfilling the minimum credit requirements of the B. Tech. programme at KTU. ii. Equating Credits to KTU System: Credits earned from the host institution shall be equated to the

	KTU credit system to ensure consistency in academic standards and alignment with the KTU curriculum. iii. Transcripts Issued by KTU: The transcripts issued by APJ Abdul Kalam Technological University will only include the courses, credits, and grades completed at KTU. iv. Exclusion of Detailed Listing: The transcripts will not include a detailed listing or breakdown of individual courses for transferred credits. v. Transferred credits from a host institution shall be incorporated into the CGPA calculation at KTU. However, to ensure consistency and fairness, the grades earned at the host institution must be converted to the equivalent KTU grading scale before being included in the CGPA calculation. vi. Indication of Transferred Credits: The credits transferred from the previous university will be indicated as a total at the bottom of the Consolidated Grade Sheet and Official Transcript, labelled as ‘Total Credits Transferred from (Name of the Institute/University, place and Country)’.
R 21.15	Mandatory Course Registration After Inter-University Transfer: Students shall be required to register for and complete all the courses listed in the curriculum along with other students as per the B. Tech. 2024 regulation, irrespective of the semester in which they join.
22. Student Exchange Programme	



R 22.1	i. Exchange programmes shall be conducted with Institutes of National Importance (INIs) in India, as recognized by the Ministry of Education, or with universities/institutions with which KTU has established bilateral agreements or MoUs. ii. Exchange programmes with international universities/institutions shall be limited to those ranked below 1000 in the QS/THE/ARWU World University Rankings or with universities/institutions with which KTU has established bilateral agreements or MoUs.
R 22.2	i. Students must have a minimum CGPA of 7.5 up to the last declared results to be eligible for participation in the exchange programme. ii. Additionally, students must have no pending disciplinary actions and no backlogs at the time of application.
R 22.3	The programme is open to students in their 3rd/4th year for undergraduate studies.
R 22.4	Duration for Student Exchange Programme: i. The exchange programme shall have a minimum duration of one semester and may extend up to a maximum of two semesters. ii. Two-year student exchange programmes are permitted if an affiliated institution signs a Memorandum of Understanding (MoU) with a foreign university, in accordance with AICTE guidelines and with the approval of the University. iii. In such cases, students with a minimum CGPA of

	6.5 up to the last declared results are eligible for participation in the exchange programme. All other eligibility conditions shall remain the same.
R 22.5	i. Before departure, students must select core courses and elective baskets at the host university that align with their KTU curriculum. ii. The Principal shall forward the student's request to the university along with the course equivalency review report, including the syllabus and other relevant information. This report must be approved by the Head of the Department, the IQAC, and the College Council.
R 22.6	i. The relevant BoS of the university shall thoroughly compare the selected courses with the KTU curriculum to identify equivalent or suitable courses, ensuring they meet the necessary academic requirements for credit transfer. ii. If an exact match or equivalent courses are not available in the same semester, core or elective courses that provide similar knowledge or skills, offered in any semester or through similar programmes at the host university during the student exchange programme, may be considered for equivalency. iii. Courses shall be pre-approved by the university's academic council to ensure proper credit transfer.
R 22.7	Students participating in international exchanges are responsible for obtaining the necessary visas, arranging travel, accommodation, insurance, and fulfilling other requirements specified by the host university and host nation.



R 22.8	Students shall adhere to the code of conduct of both KTU and the host institution.
R 22.9	Upon return, students shall submit their transcripts from the host institution to KTU. Credits earned during the exchange programme shall be transferred to the student's KTU record and applied toward their degree requirements, provided the courses were pre-approved by the university's academic council and successfully completed.
R 22.10	Credit Transfer and CGPA Calculation Policy for Student Exchange Programme: - The number of credits transferred from the host institution shall be counted towards fulfilling the minimum credit requirements of the B. Tech. programme at KTU. - Equating Credits to KTU System: Credits earned from the host institution shall be equated to the KTU credit system to ensure consistency in academic standards and alignment with the KTU curriculum. - Transcripts/CGC issued by APJ Abdul Kalam Technological University will only list the courses, credits, and grades completed at KTU. - The transcripts/CGC will not include a detailed listing or breakdown of individual courses for transferred credits. - Transferred credits from a host institution shall be incorporated into the CGPA calculation at KTU. However, to ensure consistency and fairness, the grades earned at the host institution must be

	converted to the equivalent KTU grading scale before being included in the CGPA calculation. vi. The credits transferred from the host institution will be indicated as a total at the bottom of the Consolidated Grade Sheet, labelled as ‘Total Credits Transferred from (Name of the Institute/University, place and Country)’.
R 22.11	If equivalent courses cannot be identified or successfully completed during the exchange, students shall be required to complete additional courses recommended by the Board of Studies (BoS) upon their return to KTU to fulfil their academic requirements.
R 22.12	To facilitate the smooth transfer of KTU credits to foreign universities, the curriculum shall include provisions for self-study (SS) hours and ECTS calculations.
R 22.13	Compliance with Government and AICTE Orders for Student Exchange Programmes: All applicable government and AICTE orders issued from time to time shall be binding on student exchange programmes.
23. Internships	
R 23.1	Students at KTU are permitted to undertake two types of internships: 1. Short-Term Internships. 2. Long-Term Internships.
R 23.2	Short-Term Internships: • Students are allowed to pursue short-term internships after the completion of their Third Semester University Examination.

	The period for a Short-Term Internship shall not exceed 8 weeks.
R 23.3	Long-Term Internships: - Students can opt for the Long-Term Internship either in the 7th or 8th semester. - The internship period for a Long-Term Internship should last a minimum of 4 months but not exceed 6 months (4 to 6 months).
R 23.4	Option for 1 Year Internship: This policy allows students to opt for a one-year internship during their final year, provided they meet specific eligibility criteria and adhere to the University's long term internship guidelines. - Eligibility Criteria: Students who have successfully completed all theory courses listed in the seventh and eighth semesters of their Programme curriculum through challenge exams/MOOCs are eligible to apply for a one-year internship. - Remaining Courses: - Eligible students must have only the following courses pending: - Seminar in Semester 7. - Project/Internship in Semester 7 and 8. - Internship Approval: Students meeting the above eligibility criteria may join a one-year internship, provided they also satisfy all other eligibility requirements outlined in the University's Long-Term Internship Guidelines. Final approval for the internship will be granted by the University, ensuring that all academic requirements are met.

	iv. Integration of Project/Internship: The Project/Internship component in Semester 7 and 8 may be integrated with the one-year internship, subject to approval from the University. The integrated internship must align with the academic objectives of the student's programme. This policy provides flexibility to students in their final year to gain extended industry experience while fulfilling the remaining academic requirements.
R 23.5	Internship Guidelines and Eligibility Conditions: - The detailed guidelines and eligibility conditions for internships, including both short-term and long-term options, shall be published separately by the University. - These guidelines may be modified by the University as needed to ensure they remain relevant and effective.
R 23.6	Students must not have any pending disciplinary action to be eligible for both short-term and long-term internships.
24. Industrial Visit	
R 24.1	Industrial Visit and Industrial Training: - Industrial Visit (IV): - Industrial visits are permitted either in the fifth semester (S5) or in the sixth semester (S6). - A maximum of 12 days are allowed for the IV, with no more than 6 working days included in this period.



	ii. Industrial Training: - Students who do not participate in the industrial visit must attend industrial training during the same period. iii. Attendance: - The period of industrial visit or industrial training (maximum of 6 days) shall be considered for granting attendance to the students. iv. Guidelines: The detailed guidelines for the IV shall be published separately by the University.
25. Ombudsperson	
R 25.1	The University shall appoint an Ombudsperson, in accordance with the provisions contained in the University Grants Commission (Redressal of Grievances of Students) Regulations 2023, as amended from time to time for the redressal of grievances of students.
26. Overriding Provisions	
R 26.1	Notwithstanding anything contained in these regulations, the appropriate statutory bodies of the University shall have the power to amend, modify or repeal any of these regulations from time to time.

ACADEMIC REGULATIONS - 2019

The A P J Abdul Kalam Technological University Bachelor of Technology (Regular) Academic Regulations, 2019

ANNEXURE 1

This may be called the A. P. J. Abdul Kalam Technological University Academic Regulations for B. Tech, 2019. These are subject to the provisions of the APJ Abdul Kalam Technological University Act, 2015, the statutes and ordinances if any issued in the subject from time to time. It is the express understanding that these regulations are subject to the approval of the concerned statutory bodies of the University. These regulations shall be applicable for students admitted from 2019 onward.

R 1.1

The University has the right to modify the regulations from time to time.

R 1.2

In all matters related to the regulations, the decision of the University and its interpretation given by the BOG shall be final and binding.

2. Admission

R 2.1

Admission policy, eligibility for admission and admission procedure shall be decided by the University or the competent statutory authority for admissions from time to time.

R 2.2

If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the University or the statutory body concerned, the Vice Chancellor may revoke the admission of the candidate and report the matter to the BOG.



R 2.3

No student shall be permitted, under any circumstances, to change the branch/stream to which he/she is admitted by the competent authority for admission.

R 2.4

A student admitted to a particular institute shall continue studying in that institute till the completion of the course, unless he/she is permitted an inter college transfer as per R9.1 to 9.12.

3. Structure of B.Tech. Program

R 3.1

The duration of the B.Tech. Program shall be 4 years
(8 semesters)

R 3.2

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

R 3.3

Every academic years shall have two semesters “1st July to 31st December (Odd semester)” and “1st January to 30th June (Even semester)”. Each semester shall have minimum of 72 working days. The vacation of the faculty and staff shall be as per the Government orders from time to time.

R 3.4

Every branch of the B.Tech Program shall have a curriculum and syllabi for the courses approved by the Academic Council. Syllabus for any course shall be normally modified / updated once in four years. However, innovative elective courses can be included as and when required, However, innovative elective courses can be included as and when required, on the recommendations of the respective Board of Studies and subject to the approval of the Academic Council. All revisions shall be based only on the recommendations of the Board of Studies concerned.

R 3.5

The academic programs of the University follow the credit System.

The general pattern is as below:		
1	1 Hr. Lecture (L) per week	1 credit
2	1 Hr. Tutorial (T) per week	1 credit
3	1 to 2 Hours Practical(P) per week	1 credit
4	3 to 4 Hours Practical(P) per week	2 credit
The workload of a faculty member shall be the actual number of hours engaged by the faculty member.		

R 3.6

The curriculum of any branch of the B.Tech. Program shall have a total of 160 academic credits and 2 additional pass/fail credits.

R 3.7

Every course of B. Tech. Program shall be placed in one of the nine categories as listed in table below.

	Category	Code	Breakup of Credits
1	Humanities and Social Sciences including Management courses	HSMC	8
2	Basic Science courses	BSC	26
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc.	ESC	22
4	Professional core courses	PCC	76
5	Professional Elective courses relevant to chosen specialization/branch	PEC	15
6	Open subjects – Electives from other technical and /or emerging subjects' as specified in the curriculum concerned.	OEC	3
7	Project work, seminar and internship in industry or elsewhere	PROJ	10
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional	MC	Non credit
9	Mandatory Student Activities (Pass/Fail)	SA	2
Total Credits			162



R 3.8

No semester shall have more than six lecture-based courses and two laboratory and/or drawing/seminar/project courses in the curriculum. Credit per semester shall not be less than 15 or greater than 25 and cumulative credits shall not be less than 162.

R 3.9

The medium of instruction shall be English. All examinations, project/seminar reports and presentations shall be in English.

4. Academic Monitoring and Student Support

R 4.1

Advisory System: There shall be one Senior Faculty Advisor (SFA) for a class and a faculty advisor (FA) each for 25 to 35 students in the class. The Principal shall assign a regular faculty member with minimum five years of experience as the Senior Faculty Advisor (SFA) in discussion with the Head of Department concerned.

R 4.2

The documents regarding all academic and nonacademic matters of students under an advisory group shall be kept under the custody of Faculty Advisor/Senior Faculty Advisor.

R 4.3

All requests/applications from a student or parent to higher offices are to be forwarded/recommended by his/her Faculty Advisor/Senior Faculty Advisor. Students and parents shall first approach their Faculty Advisor/ Senior Faculty Advisor for all kinds of advices, clarifications and permissions on academic matters. It is the official responsibility of the institution to provide the required guidance, clarifications and advices to the students and parents strictly based on the prevailing academic regulations.

R 4.4

The SFA shall arrange separate or combined meetings with advisors; course faculty, Parents and students as and when required and discuss the academic progress of students under their advisory group.

The Senior Faculty Advisor/ Faculty Advisor shall also offer guidance and help to solve the issues on academic and non-academic matters including personal issues of the students in their advisory group. Advisory meetings shall preferably be convened:

1. Immediately after the commencement of the semester.
2. Immediately after announcing the marks of first internal evaluation test.

The internal marks, activity points earned during the semester and eligibility of attendance shall be uploaded in the University portal only after displaying the same in the department notice board at least for two working days.

This is for the information and feedback of the students. Any concerns raised by the students regarding attendance and internal marks and activity points shall be looked into in the combined meetings of advisors, course faculty and the students concerned. The principal/ HOD shall ensure the proper redressal of the concerns raised by the students regarding internal assessment and attendance. The FA/SFA shall be the custodian of the minutes and action taken reports of the advisory meetings.

R 4.6

The FA/SFA shall keep a hard copy of the consolidated statement of attendance, activity points and internal marks of the students in their advisory group. It shall be kept with the HOD without fail for all sorts of inspections.

R 4.7

Regular communications with the parents of students in respect of progress in academic matters and other general issues shall be the responsibility of the Senior Faculty Advisor/ Faculty Advisor.

R 4.8

The Principal shall inform/forward all regulations, guide lines, communications, announcements etc. issued by the University regarding student academic and other matters to the HODs/ Senior Faculty Advisors for information and timely action.

R 4.9

It shall be the official responsibility of the Principal to arrange necessary orientation programmes to the HODs, SFAs and SAs regarding student counseling, the prevailing University norms, regulations, guidelines and procedures on all academic and other University related matters.

5. Academic Auditing of affiliated institutions.

R 5.1

There shall be academic auditing in each affiliated college at stipulated intervals. The academic auditing shall be conducted jointly by an Internal Quality Assurance Cell (IQAC) within the college and external academic auditor(s) appointed by the University. The Internal Quality Assurance Cell (IQAC) in each college shall oversee and monitor all the academic activities including all internal evaluations and examinations. This cell shall prepare academic audit statements in the formats prescribed by the University for each semester at regular intervals. These reports shall be presented to the external academic auditor(s), who shall use it as reference for independent auditing. The external auditor(s) shall submit the final audit report to the University in the prescribed format.

Academic auditing shall cover: -

Course delivery and adherence to the course plan, syllabus coverage, quality of question papers used for internal examinations, internal evaluation, maintenance of laboratory experimental set ups and equipment's, practical assignments, mini projects and conduct of practical classes and their evaluation.

Co-curricular and Extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.

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

The audit shall also cover the quality criteria prescribed by NBA/NAAC.

6. Assessment

R 6.1

There shall be End Semester Examinations (ESE) in every semester for all courses as prescribed under the respective curriculum, except the Lab/ workshops courses for 1 & 2 semesters. The End Semester Examinations shall be conducted by the University. Semester classes shall be completed at least ten days before the commencement of the End Semester Examination.

R 6.2

The End Semester Examinations (ESE) shall be held twice in a year – May/June session (for even semesters) and November/December session (for odd semesters). However, the End Semester Examinations of the VII and VIII Semesters shall be conducted in both the sessions.

R 6.3

Candidates in each semester shall be evaluated both by Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE). The ratio of Continuous Internal Evaluation (CIE) to End Semester Examinations (ESE) shall be as below:

1. Theory Courses: 1: 2,	3. Project: CIE only
2. Laboratory Courses: 1: 1	4. Seminar: CIE only

R 6.4

Continuous Internal Evaluation (CIE): The Continuous Internal Evaluation shall be on the basis of the day-to-day work, periodic tests (minimum two in a semester) and assignments (minimum two). The faculty member (s) concerned shall carry out the Continuous Internal Evaluation (CIE) for the course allotted to him/her. The CIE marks for individual subjects shall be computed by giving weightage to the following parameters unless otherwise specified in the curriculum.

Course	Attendance	Tests	Assignment/Class work/ Course project
Theory	20%	50%	30%
Drawing/ Practical	20%	40%	40%

There shall be minimum two internal evaluation tests, each of 2hrs duration. Each test shall cover 50% of the syllabus and shall be for 50marks. Retest shall be permitted to the students who could not appear for the internal tests due to genuine grounds. Three days shall be utilized for conducting the internal evaluation test.

Project Work	a	Work assessed by the project guide – 30%
	b	Three member Continuous Internal Evaluation Committee – 40% (Guide shall be one member in the CIE committee)
	c	Final Evaluation by a three-member Committee comprising of the department project coordinator, guide and an external expert. The external expert shall be an academician or from industry. The in-dustry expert is preferred : 30%
	d	One third of the project credit shall be completed in VII semester and two third in VIII semester.
Seminar		The report and the presentation shall be evaluated by a team of internal members comprising three senior faculty members based on the style of presentation, technical content, adequacy of reference, depth of knowledge and overall quality of the report.
	a)	Attendance : 10%
	b)	Guide : 20%
	c)	Technical content : 30%
	d)	Presentation: 40%

The CIE marks for the attendance (20%) for each theory, practical and drawing shall be awarded in full, only if the candidate has secured 90% attendance or above in the subject. If a student has attendance for a subject below 90%, reduction in the marks for the attendance shall be made proportionally. The CIE marks obtained by the student for all subjects in a semester are to be published at least 5 days before the commencement of the University examinations. Duty leave shall be accounted for awarding the internal marks for attendance.

R 6.5

Students, who have completed a course but could not write the end semester examination, shall be awarded ‘I’ Grade, provided they meet other eligibility criteria (R6.6). They shall register (exam registration) and appear for the end semester examination at the next opportunity and earn the credits without having to register (course registration) for the course again.

R 6.6

The main eligibility criteria for registering to the End Semester Examination are attendance in the course and no pending disciplinary action. The minimum attendance for appearing for the End Semester Examination is 75% in each course. Students who do not meet these eligibility criteria are awarded an FE grade.

R 6.7

The students with FE grade shall register for the courses during the normal semesters in which the courses are offered. However, for the seventh and eighth semester FE grade students can register for the courses in the next immediate chance, if offered by their institute.

R 6.8

A student who does not register for all the courses listed in the curriculum for a semester shall not be eligible to enroll for the next higher semester.

R 6.9

The maximum number of credits a student can register (course registration) for, in a semester is limited to 08 credits in excess of the total mandatory credits allotted in the curriculum for that semester.

R 6.10

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

1. Fulfilled all the curriculum requirements within the stipulated duration of the course.
2. Earned the required minimum credits as specified in the curriculum for the branch of study (R3.6 and R3.7).
3. No pending disciplinary action.

R 6.11

Students registered for a course have to attend the course regularly and undergo the Continuous Internal Evaluation (CIE) and appear for the End Semester Examinations (ESE). Credits for the course are deemed to be earned only on getting at least a pass grade 'P' or better in the composite evaluation.

R 6.12

Pass minimum for a course shall be 40% for the End Semester Examination and 50% of CIE and ESA put together. Letter grade 'F' will be awarded to the student for a course if either his/her mark for the End Semester Examination (ESE) is below 40 % or the overall mark (CIE)+(ESE)] is below 50 %.

R 6.13

Students who received F grade in an End Semester Examination shall have to appear for the End Semester Examination at the next opportunity and earn the credits. They shall not be permitted to register for the course again.

R 6.14

Continuous Internal Evaluation mark percentage shall not exceed **30% over** the End Semester Examination mark %. CIE marks awarded to a student shall be normalised accordingly. For example if the end semester mark % is **40**, then the maximum eligible CIE mark % is **40+30 = 70 %**.)



R 6.15

Grading is based on the overall % marks obtained by the student in a course, as given in 6.16. The grade card shall only give the grades against the courses the student has registered. Semester grade card shall give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).

Grade and Grade Points

Grades	Grade Point (GP)	% of Total Marks obtained in the course
S	10	90% and above
A+	9	85% and above but less than 90%
A	8.5	80% and above but less than 85%
B+	8	75% and above but less than 80%
B	7.5	70% and above but less than 75%
C+	7	65% and above but less than 70%
C	6.5	60% and above but less than 65%
D	6	55% and above but less than 60%
P (Pass)	5.5	50% and above but less than 55%
F (Fail)	0	Below 50% (CIE + ESE) or
		Below 40 % for ESE
FE	0	Failed due to lack of eligibility criteria (R6.6)
I	0	Could not appear for the end semester examination but fulfills the eligibility criteria.
Classification of B. Tech Degree	First Class with Distinction	CGPA 8.0 and above
	First Class	CGPA 6.5 and above
Equivalent percentage mark shall be = $10 * \text{CGPA} - 2.5$		

R 6.17

Minimum Cumulative Credit Requirements for Registering to Higher Semesters.

Semester	Allotted Credits	Cumulative Credits	Minimum Cumulative Credits required for B. Tech	Minimum Cumulative Credits required for B. Tech Lateral Entry
First	17	17	Not Applicable	Not Applicable
Second	21	38	Not Insisted	Not Insisted
Third	22	60	Not Insisted	Not Insisted
Fourth	22	82	Not Insisted	Not Insisted
Fifth	23	105	21 Credits from S1& S2	Not Insisted
Sixth	24	129	Not Insisted	Not Insisted
Seventh	15	144	47 Credits from S1 to S4	09 Credits from S3 to S4
Eight	16	160	Not Insisted	Not Insisted

R.6.18

The students can apply for revaluation of the answer books of the end semester examination after the results are declared. The final mark awarded will be the better of the two marks. If the difference in marks obtained in revaluation and the original valuation is more than 15% of the maximum marks, it shall be sent for third valuation. The final mark shall then be the average of the closer of the two marks obtained in the three valuations to the advantage of the student or the mark obtained in the original valuation whichever is higher.

The Controller of Examination shall examine such cases and conduct proper enquiry to see whether any of the examiners is responsible for negligent valuation of answer script and initiate suitable action as per the University Examination Manual.

R 6.19

There is no provision for improving the grade. However, the student is permitted to check the answer books of the End Semester Examination after the results are declared, on payment of the prescribed fee. Any discrepancy in evaluation could be brought to the notice of the Controller of Examination, who shall initiate appropriate action as per the University Examination Manual.

R.6.20

Grade cards shall be made available in the student login for the registered courses, in every semester. On earning the required credits for the degree, the University will issue the final consolidated grade sheet for the B. Tech program including CGPA.

R.6.21

Calculation of SGPA/CGPA

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

$SGPA = \frac{\sum (C_i \times GP_i)}{\sum C_i}$, where 'C_i' is the credit assigned for a course and 'GP_i' is the grade point for that course. Summation is done for all courses specified in the curriculum of that semester. The failed and incomplete courses shall also be considered in the calculation. $CGPA = \frac{\sum (C_i \times GP_i)}{\sum C_i}$, where 'C_i' is the credit assigned for a course and 'GP_i' is the grade point for that course. Summation is done for all courses specified in the curriculum up to that semester for which the 'CGPA' is needed. Here the failed courses shall also be accounted.



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. For students admitted under lateral entry scheme, credits for the first and second semester courses shall not be accounted for the calculation of CGPA. Equivalent percentage mark shall be $= 10 * \text{CGPA} - 2.5$

R.6.22

Any act of violation of University directions, indiscipline, misbehavior, or unfair practice in examinations from the part of students, faculty members, staff, institution, management or any other source shall be viewed very seriously. It is the legal responsibility of the principal and the college management to see that the examinations are conducted strictly as per the directions of the University and as specified in the examination Manual.

Malpractices in examinations observed or reported by an official employed by the University, faculty member, invigilator or anybody shall be immediately reported to the Principal. The principal shall in turn conduct a preliminary enquiry giving the student concerned a chance to explain his/her case. The Principal shall then forward the case with his/her preliminary enquiry report and remarks to the Controller of Examinations along with all related documents and evidences within two working days. The Controller of examination shall decide the course of action on the issue as per the prescribed norms in the University Examination Manual.

R.6.23

A student shall earn 2 credits by actively involving in co – curricular and extra – curricular activities as per the guidelines issued by the University from time to time. On getting minimum 100 activity points the student passes the course and earns the two credits which shall not be counted for the calculation of



CGPA but mandatory for the award of the Degree. For the students admitted under lateral entry scheme the 2 credits shall be considered to be earned on getting 75 activity points. The students are required to keep a file containing documentary proofs of activities done by him/her attested by the Senior Faculty Advisor/ Faculty Advisor.

7. Break of Study

R.7.1

A student is permitted to avail break of study:

- 1 In case of accident or serious illness needing prolonged hospitalization and rest.
- 2 In case the student has a bright idea and would like to initiate a start-up venture or develop a product.
- 3 In case of any personal reasons that need a break in study.
- 4 For internship leading to employment.

For break of study due to illness, student shall 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 should submit 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. The break of study for the start up shall be permitted only after the 4th semester for a maximum duration of two semesters.



8. Attendance

R.8.1

Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances they are permitted to avail leave. Total leave of absence shall not exceed 25% of the academic contact hours for a course and 75% attendance is mandatory for registering to the end semester examination.

On medical ground 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 Auditors/ University officials. This provision is applicable only to any two semesters during the entire program period. In case of prolonged illness, break of study is permitted as per. R7.1

R.8.2

The Principals are authorized to grant attendance relaxation (duty leave) to the students in officially sponsored national level competitions/championships/ tournaments when called upon to do so, up to a maximum of 10%. Such students should produce the participation certificate countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extracurricular activities: within ten days of the event. The participation certificate thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the principal shall not consider the certificate if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.



The student shall get official prior permission from the University for representing the University.

R.8.3

The Principals are authorized to grant attendance relaxation (duty leave) to the students for organizing extra/ co-curricular activities, up to a maximum of 05%. Such students should produce the required documents countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extra/ co-curricular activities: within ten days of the events. The documents thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the principal shall not consider the documents, if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.

9. Inter College Transfer

R 9.1

Inter college transfer shall be applicable only for regular B. Tech students.

R 9.2

The transfer shall be permitted just before commencement of the third semester.

R 9.3

The transfer shall be with effect from the first working day of the third semester.

R 9.4

The transfer shall be only within the sanctioned strength of the receiving college.

R 9.5

The following Category of students shall not be eligible for inter college transfer

- 1 Govt. of India Nominee.
- 2 Management Quota in Aided colleges.
- 3 Management Quota in private Self Financing Colleges
- 4 Students admitted under NRI/PIO quota.
- 5 Lateral Entry students.
- 6 Students admitted under TFW Scheme.
- 7 Students admitted in any supernumerary seats.
- 8 Any other category which are ineligible as per the conditions for admission prescribed by Govt. of Kerala/Govt. of India.

R 9.6

The transfer shall be permitted:

1. Between Government / Government Aided Colleges.
2. Between Self- Financing Colleges. (Including Government Controlled SFC)

R 9.7

Notification inviting application for inter college transfer shall be issued by the University just before the commencement of the third semester.

R 9.8

The candidate should fulfill the academic eligibility requirement for promotion to the third semester.

R 9.9

If the number of applicants is more than the vacant seats available, the transfer may be based on the Kerala Engineering Entrance Rank.

R 9.10

The students shall opt only one college for inter college transfer.

R 9.11

The selected candidates shall remit a fee of Rs 3000/- (No fee for SC/ST students) within the stipulated date to the University.



However, this rule is not applicable to the students transferred to other institutes under “Shift College” University order.

R 9.12

The College transfer once approved by the receiving college will be final and binding on the applicant. No student will be permitted, under any circumstances, to refuse the change of college once offered.

10. Migration from other Universities

R 10.1

Migration to the University from other Universities shall be permitted only if the parent University and the APJ Abdul Kalam Technological University enters into a bipartite agreement/ MoU for this purpose. However, this condition is not applicable to the students in any of the Engineering colleges/ institutions, which, before the commencement of KTU Act remained affiliated to Universities except Deemed to be Universities in the State of Kerala.

R 10.2

The Student shall be permitted to migrate only if he/she fulfills the University eligibility criteria for admission to the course applied for migration.

R 10.3

The migration shall be permitted only up to the fifth semester of the B. Tech program and half the duration of the program in the case of other programs.

R 10.4

The admission shall be offered on migration basis through lateral transfer of credits. Lateral credit transfer shall be as recommended by the concerned Board of Studies.

R 10.5

The students shall be allowed to migrate to the University subject to satisfying the rules and regulations of the University as regards to, maximum number of backlogs, grade points, minimum credit requirement for promotion to higher semesters, etc.

R 10.6

The student shall be offered admission in any of the affiliated colleges/institutions of the University subject to availability of seats. The student shall produce no objection certificate from the concerned college/institute in this regard.

R 10.7

The students offered admission shall have to take transitory courses/ additional courses of the previous semesters to satisfy the program requirement as recommended by the concerned board of studies.

R 10.8

The students offered admission shall pay the migration fees and the University fees as prescribed by the University. The application processing fee (University fee) shall be Rs.5000/- (Rupees five thousand only) and the migration fees shall be Rs.20000/- (Rupees twenty thousand only). The migration fee is charged for the meeting expenses of the concerned Board of studies to decide on the student suitability for migration and to recommend the transitory courses/ additional courses to be done by the student to fulfill the academic requirement of the University. The processing fee shall be paid along with the application, and the migration fee shall be paid to the University at the time of offering admission. The fee once paid shall not be refunded under any circumstances.



The students in any of the Engineering colleges / institutions, which, before the commencement of KTU Act remained affiliated to Universities except Deemed to be Universities in the State of Kerala, are exempted from paying the processing fee and the migration fee.

R 10.9

The migrated students shall follow the rules and regulations of the University.

R 10.10

The students offered admission shall produce a migration certificate from the parent University at the time of admission.

R 10.11

The student offered admission shall produce a character certificate from the parent institute/University at the time of admission.

R 10.12

Regulations, Scheme and Syllabus of the respective specialization attested by the Registrar of the parent University or equivalent authority shall be submitted to the University along with the application seeking migration to the University.

R 10.13

Attested copies of all certificates and mark lists from 10th onwards shall be submitted along with the application for migration (Original certificates and mark lists shall be produced as and when required by the University).

R 10.14

Assessment of the student suitability for migration in terms of programs, backlogs, grade points, credit requirements, etc. shall be done by the concerned Board of Studies.

R 10.15

Assessment of the transitory courses/ additional courses to be

done by the student as per the academic requirement of the University shall be as recommended by the concerned Board of Studies.

11. Minor in Engineering

R 11.1

All B. Tech students shall be eligible to register for Minor in Engineering.

R 11.2

The Minor in Engineering registration shall be along with the registration of the 3rd semester.

R 11.3

If a student fails in any course of the minor, he/she shall not be eligible to continue the B.Tech Minor. However, the additional credits and grades thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.

R 11.4

The student shall earn additional 20 credits to be eligible for the award of B. Tech Degree with Minor.

R 11.5

Out of the 20 Credits, 12 credits shall be earned by undergoing a minimum of three courses, during the specified period. The total number of contact hours for these three courses shall be 126 Hrs. (42Hrs/course). The duration of a course shall be minimum 14 weeks. The remaining 8 credits could be acquired through two MOOCs recommended by the board of studies and approved by the Academic Council.

R 11.6

Curriculum and the syllabus of the three courses shall be approved by the Board of studies and the Academic Council.



R 11.7

The assessment of the courses other than MOOCs and earning of credits shall be as per R6.1 to R6.23. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.

R 11.8

Under graduate Degree with minor shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B. Tech program and Minor in Engineering.

12. B. Tech (Honours)

R 12.1

All B. Tech students are eligible to register B.Tech (Honours). However, their mandatory CGPA at the end of eighth semester shall be 8.5 or higher to be eligible for the award of B. Tech (Honours).

R 12.2

The B. Tech (Honours) registration shall be along with the registration of the 4th semester.

R 12.3

If a student fails in any course including the course chosen for B. Tech (Honours), he/she shall not be eligible to continue the B.Tech (Honours). However, the additional credits thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.

R 12.4

The student shall earn additional 20 credits to be eligible for the award of B. Tech (Honours) Degree.

R 12.5

Out of the 20 Credits, 12 credits shall be earned by undergoing minimum three specified B. Tech (Honours) Elective courses of the respective stream. Credits for the B. Tech (Honours) Elective courses are deemed to be earned only on getting at least a grade 'C' or better in the composite evaluation. A student shall not be permitted to select the normal elective courses of the respective B. Tech programs for attaining the credit requirements of B. Tech (Honours). The remaining 8 credits could be acquired through two MOOCs of the respective streams recommended by the Board of studies and approved by the Academic Council.

R 12.6

The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.

R 12.7

The institutions offering B. Tech Honours programs shall not charge any additional fee from the students.

R 12.8

B. Tech (Honours) Degree shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B. Tech and B. Tech (Honours) programs.

13. Grace Marks for Sports /Arts Competitions

R 13.1

Only bonafide, regular candidates are eligible for the award of Grace Marks.

R 13.3

The maximum grace marks that can be awarded to a candidate in a particular semester for all activities put together shall be 5% of the aggregate maximum End Semester Examination marks of all theory courses for which the University Conducts End Semester Examinations.

R 13.4

The maximum grace marks that can be awarded to a student for a theory course in a particular semester for all activities put together shall not exceed 10% of the maximum aggregate marks of End Semester Examination of the course.

R 13.5

The Grace Marks shall not be awarded to a student for Practical/ Lab/ Viva Voce/ internal assessment/ Seminar etc. even though she/he fails for the same.

R 13.6

Eligible Grace Marks shall be distributed equally on all theory papers/courses of an examination. However, re – distribution of Grace Marks shall be allowed only in the case of those courses of an examination for which the candidate has passed. Re-distribution is possible from passed courses to failed courses only. Re-distribution of Grace Marks is not permissible from failed courses to other courses for a pass.

R 13.7

The Grace Marks shall be awarded for all theory papers/courses/subjects in a semester.

R 13.8

Re- distributions shall be done only for enabling a candidate to obtain the minimum marks required for a pass.

R 13.9

Grace Marks shall not be re – distributed from one semester to another semester.

R 13.10

If the candidate does not secure the minimum marks required for a pass even after effecting re- distribution, eligible moderation fixed by the respective board if any, shall be awarded to that candidate in addition to the Grace Marks for a pass.

R 13.11

Eligible Grace Marks shall be awarded for the regular examination of the performing semester only. Grace Marks shall not be awarded for supplementary examinations.

R 13.12

The performing semester shall be considered from 1st July to 31st December (Odd semester) and 1st January to 30th June (Even Semester).

R 13.13

Grace Marks shall be awarded on the basis of performance in the respective semester.

R 13.14

The request for Grace Marks shall be submitted to the Controller of Examinations through the principal along with all relevant documents, within the time limit prescribed by the University. The request for Grace Marks received after the time limit shall not be entertained on any account.

R 13.15

Only a single highest achievement during the period of a semester shall be considered for awarding the grace marks.

14. Grace Marks for Persons with Disability (PWD)

R 14.1

A person with disability means a person suffering from not less than 40% of any disability as certified by the District Medical Board. To be eligible for the grace marks, the certificate of disability specifying the percentage of disability shall be produced before the Principal at the time of admission.

R 14.2

The Grace Marks that can be awarded for PWD candidates shall be 25% of the marks scored by the candidate in each course at the time of finalization of the results.

R 14.3

Transfer of marks from one paper to another shall not be permitted. Fractions of marks if any, while computing the Grace Marks shall be rounded off to the next higher integer.

R 14.4

PWD candidates who are eligible for Grace Marks shall be awarded Grace Marks for regular and supplementary chances until they pass the whole examination.

R 14.5

Grace Marks shall be awarded only for the marks of the End Semester Examinations conducted by the University.

R 14.6

The request for Grace Marks shall be submitted to the Controller of Examinations through the principal along with all relevant documents, within the time limit prescribed by the University. The request for Grace Marks received after the time limit shall not be entertained on any account.

15. Transitory provision.

R 15.1

Notwithstanding anything contained in these regulations, the Vice-Chancellor shall, for a period of two years from the date of

coming into force of these regulations, have the power to provide by order that these Regulations shall be applied to any B. Tech program with such modifications as may be necessary.

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



GENERAL INFORMATION TO STUDENTS

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 or any informal casual dress are not allowed on the campus.

Discipline, Conduct and Behaviour

- 1 All students are expected to wear the college uniform and ID Card while in the campus.
- 2 The behavior of the students, kempt hairstyle and attire, both within and outside the college premises, should be decent and befitting a professional institution.
- 3 The students shall move silently while proceeding from one class to another so that others 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 attending or inattentive to his work in the class

- ▲ who is repeatedly or willfully mischievous or obscene in word or deed
 - ▲ who is involved in cybercrimes or bullying peers, teachers or the management
 - ▲ who is guilty of fraud or malpractice in examinations
 - ▲ who indulges in movements which lead to communal ill feelings or enmity, and who indulges in ragging junior students
 - ▲ Will be penalised 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 graffiti on drawing boards and desks, furniture or walls are strictly prohibited.
 - 9 Students are prohibited from shifting furniture or projector facilities provided by the college to any other locations.
 - 10 Students must not leave their vehicles in the college premises under any circumstance.
 - 11 No student, staff or outsider is permitted to enter the classroom while classes are in progress on without the permission of the concerned teacher.

Attendance and Leave Regulations

Students 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 a 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 Principal/Faculty Advisor 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.

Advisory System - Faculty Advisor (Mentor)

An 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 extra-curricular activities besides personal information of the student



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

Please use this website / QRCODE for more details.
<https://jeccac.in/BeyondAcademics/>



Infrastructure

The college has an excellent infrastructure with a built-up area to 4.5 lakh sq. ft. All the classrooms are provided with modern audiovisual facilities. We have 9 well equipped work-shops, 35 labs with over 886 PCs networked, 5 seminar halls and conference halls, a state-of-the-art computer centre with 4 computer labs with over 210 PCs networked, with 500Mbps Leased line internet connectivity.

Centralized Computer Centre:

Working Hours: 8:45 AM to 04:30 PM
(Monday to Saturday)

First Year students are permitted to use the internet lab from 11:40am to 12:30pm. Others can access it from 12:30pm to 1:20pm. Common browsing time 4:10 pm to 04:30 pm. During class hours, students must obtain permission from the staff concerned to use the internet lab.



Total machine population = 960 Machines. These include Networked PCs and Servers (HP ProLiant DL380 Gen9 for the domain server with internal storage, DELL PowerEdge T150 server for the language lab and Library server for the digital library and NPTEL access).

- . Central Computing Facility

A central computing facility with 210 systems is available.

- . Departmental Computing Facility

All departments are equipped with computers, printers, and necessary software relevant to their disciplines. The computers are networked via LAN.

- . Internet Facility

Connectivity: 500 Mbps (Asianet & Kerala Vision) leased line and 20 Mbps NMEICT (BSNL) for internet access. Internet usage is free for both staff and students.

Jyothi is a Wi-Fi-enabled campus.

Office

The office of Jyothi Engineering College functions from 8.45 am to 4.10 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

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.

Accounts Department

Instructions regarding payment of Semester Fee and Bus Fee.

Payment of Semester Fee

Fees must be remitted through one of the following methods.

The student pays the fees using our new payment link given below. A third party can see the fee amount when they enter the admission number and Captcha value. A third party can use credit or debit cards, net banking, and UPI as payment options.

sOtxo0piildwa3blgh/8918/24314

A third party may use their old SIB FeeBook link by selecting the CURRENT SEMESTER FEES option. You can use only the UPI payment option here.

.https://feebook.southindianbank.com/FeeBookUser/org?id=

Other Fee Payments

Tuition Fees:

Tuition fees are generally collected on a semester-wise basis each year.

Newly admitted first-year students must pay the tuition fee for the first semester at the time of admission.

A notification regarding the payment schedule will be issued at the appropriate time. Students who fail to pay the fees on time will incur a fine of Rs. 200 per month.

Students availing bank loans must ensure timely disbursement to avoid penalties. Loan-related documents will be issued by the College Office upon request.

Bus Fees

Bus fees are collected every semester. A notice regarding bus fares for different locations is displayed on the college website.



A valid bus pass is mandatory for travelling on the college bus. Weekend passes will be permitted only on the last and first working day of each week. Students are required to adhere to the bus rules displayed inside the college buses. Violation of bus rules will attract a fine of Rs. 500.

Examination Fees:

University Exam Fees are accepted in SIB fee book link and the College Office 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.

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.

Excess Fees Received:

Any excess amount remitted will be refunded to students only through parent's account.

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 4.00 PM

Placement & Training

The Placement and Training Cell is formed to look after the placement activities. The Placement & Training Officer Mr. Bibin Joy 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. The 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, Federal Bank, ESAF 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: pat@jecc.ac.in

Central Library

Please use this website for more details.

<https://jeccac.in/Department/AuxiliariesController/centralLibrary>

The Jyothi Engineering College Central Library has an area of 1028.91m² and is housed in the administrative block spanning 2 floors. It has a seating capacity for 160 clientele and provides information in a serene setting. The library has reference, journal, reprography and digital sections. The library has a collection of 39216 volumes consisting of 13353 titles in 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 8.45 am to 4.10 pm on all days (Monday – Saturday) except second Saturdays & Public holidays.
- 4 . Issue time is from 8.45 am to 4.10 pm. Issue will not be done during class timings.
- 5 . Every 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. Only one notebook is however allowed to be
- 7 . For serious and useful study calm and peaceful atmosphere is necessary. Students are therefore, required to observe strict silence and decorum in the library. Use of mobile phones inside the library is strictly prohibited.
- 8 . The papers and periodicals lying on the table shall not be removed from the reading room or from the place allotted for each.
- 9 . Every UG student will be entitled to borrow maximum of four books and PG students six books at a time from the library.
- 10 . Teaching staff and Non-Teaching staff can borrow eight books and four books respectively for a period of six months.



- 11 . 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 initialed by the librarian. Otherwise the borrowers will be held responsible for any damage or mutilation observed.
- 12 . Members shall show the books borrowed from the library to the library staff while leaving at the gate.
- 13 . Books issued to students must be returned within 21 days. The 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 and three per book per day for the first and second week respectively and thereafter at the rate of rupees 5.
- 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 books (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 practice cannot be taken outside the library.
- 19 . While using the Internet, printouts cannot be taken.
- 20 . Students are abide to follow any other rules/modification to existing rules issued from time to time.



Digital Library

A good collection of 2066 CD-ROMs and Electronic journals can be accessed through Digital Library. In the digital library we have 15 computers connected to Internet. The library provides IP enabled access to E-books Wiley Online Library & Pearson and E-Journals in Engineering & Technology by the following three major publishers.



- 1 . IEEE ASPP Online Tier 3 by IEEE
- 2 . Elsevier Engineering + Computer Science by Elsevier
- 3 . ASME E-Journals by ASME

The library has membership (Membership No. IM-1353) in Developing Library Network (DELNET) which provides access to Union Catalogue of Books & Journals, Interlibrary Loan and Document Delivery Services etc. It maintains an Online Union Catalogue of books available in its member-libraries. It has 4,09,13,859 bibliographic records in the union catalogue of books. The request for inter-library loan can be placed through the online system. 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 the Ministry of Human Resource Development (MHRD), Government of India.

The main objective of the 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. Library has membership in National Digital Library of India (NDLI) which is sponsored and mentored by the Ministry



of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). Central Library also has membership in e-ShodhSindhu; consortium for higher education electronic resources which provides access to e-resources of universities, colleges and centrally funded technical institutions in India.

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 scholarly and professional literature. Currently it can be accessed through <http://202.88.225.92/xmlui>

Other Facilities

Hostels

The college provides hostel facilities for boys and girls. Santhome Men's Hostel can accommodate 250 boys and Marian Ladies Hostel accommodates 350 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.

Transportation & Bus Details

- Transport Committee Chairman
Col. Jacob E. D. (Retd.),
- Transport Contractors
ATS Travels
NASHA Travels
AL Travels

College Bus Details

Bus No.	Starting Point	Staff In-charge	Mobile No.	Starting Time
10	Thiruvilwamala	Aneesh Chandran	9846612956	07.45 AM



11	Vatanappilly	Jaison M J	9995978682	07.15 AM
12	Nadathara	Hemanth E H	8281508993	07.25 AM
13	Kuzhalmannam	Geetha P V	9446943581	07.05 AM
14	Parapur	Davis C C	9847765057	07.10 AM
15	Pallikkunnu	Sajitha I	8590444601	06.55 AM
16	Palakkad	Guruvayoorappan V	9562145185	07.15 AM
17	Kongad	Saritha P	9847797683	07.10 AM
18	Vadakkencherry	Divya C R	8593807478	07.15 AM
19	Koottanad	Apama Mohan	7591960737	07.15 AM
20	Nenmara	Jeswin John	9544660017	07.15 AM
21	Thriprayar	Chippi P D	8891930575	07.00 AM
22	Guruvayoor	Shine P Xavier	8089593484	07.15 AM
26	Mannuthy	Adarsh N Gokul	9447992652	07.15 AM
27	Chavakkad	Smitha T Sekhar	8281963051	07.10 AM
28	Pangu	Ignatious P V	9495260070	07.10 AM
29	Mullassery	Ignatious T F	9895420785	07.05 AM
30	Eravu	Jayakrishnan A	8547389961	07.30 AM
31	Pattikad	Nyni K A	9809482265	07.15 AM
32	Sreekrishnapura	Neethu M	9497352601	07.00 AM
33	Ammadam	Neethu T V	8075713318	07.20 AM
34	Irinjalakuda	Neethu Rose	8547801784	07.05 AM
35	Vylathur	Sandhya P S	9048796634	07.20 AM
36	Kodakara	Jeffy Johny	7025168862	07.10 AM
37	Perumbilavu	Leya M S	8078381995	07.20 AM
38	Mangara	Sajitha A S	7559851335	07.35 AM
41	Peramangalam	Shaju C A	9446385501	07.30 AM

Bus Rules

- I Students may travel in college buses only with proper Bus Passes which should be produced on demand to Bus coordinators, Bus staff or to any person authorized by the college management.

- II The Bus Pass is Non- Transferable.
- III Students are not allowed to travel in college buses other than the allotted one or to the destination other than the specified one.
- IV Travel with weekend passes will be allowed only on the last and first working days of each week.
- V Bus fees will be collected only semester wise (i.e. July to December and January to June every year). Bus fees once paid will not be refunded under any circumstances.
- VI Playing of music is not allowed during the morning trips to college.
- VII Students are not allowed to enter, reserve or keep their bags before the final bell of the college.
- VII Students are not allowed to get down from buses at I places other than the allotted ones. Exemptions will be allowed with prior permission from Finance Officer or Bus coordinator.
- IX Students must co – operate to keep the bus neat and clean.
- X Complaints if any regarding bus service can be lodged to Asst. Finance Officer or to the concerned Bus coordinator.
- XI Students are requested to obey the instructions of Bus coordinators and Bus staff and strict action will be taken against defaulters.
- XII The decision of Bus coordinators will be final if problems arise in the buses.
- XIII A fine of Rs. 500/- will be imposed for violation of the rules.



Health Club

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

Book and Stationery Store

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

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.

College Chapel

The third floor of the Administrative block houses a beautiful chapel for the spiritual needs of the students and staff. Students are encouraged 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 chapel at 1.00 p.m.

Mass Timings: Monday and Thursday : 7.00 P M

Tuesday, Wednesday, Friday, Saturday, Sunday 6.30 a. m.

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.

FAB Lab

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

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. David Nettikadan, Executive Manager
 President (Ex-officio) - Dr. P Sojan Lal, Principal
 Secretary - Mr. Aneesh Chandran, Asst.Prof. - CSE
 Jt. Secy. - Mr. Majeendran, Instr. Gr. II
 Treasurer - Dr. Sindhu S, Assoc. Porf. ECE

2. NSS**NSS Coordinators:**

Mr. Sibin Johny (AP - MR) & Ms. Deepa Johnson (AP - BSH) National Service Scheme (NSS), the scheme was launched in Gandhiji's Centenary year, 1969. Aimed at developing students' 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 academic year 2019 -20 the unit number converted from 244 to 140. The unit has 100 volunteers, one Male Volunteer Secretary and one Female Volunteer



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 in the final year of study. They should have completed 240 hours of work in NSS and attended a special camp during their course.



3. Jesus Youth

Coordinator : Sr. Priya

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 weekdays 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.

4. Environmental Forum (Natura)

Co-ordinator : Ms. Suganthi T (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.



5. Blood Donors Forum

Co-ordinator: Ms. Dhanya V R, AP - CSE

An active Blood Donors 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.

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. Chairman
2. Vice Chairman
3. General Secretary
4. Joint Secretary
5. UUC-1
6. UUC-2
7. Arts club secretary
8. Magazine editor

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

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

7. IEEE

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE has over 460,000 members in more than 190 countries, with more than 66 percent from outside the United States. It has more than 171,000 Student members. There are 344 Sections in ten geographic Regions worldwide. IEEE has 3,635 Student Branches at colleges and universities in over 100 countries and 4,194 Student Branch Chapters of IEEE technical Societies. It has 639 affinity groups; IEEE affinity groups are non-technical sub-units of one or more Sections or a Council.

Jyothi Engineering College has its Student Branch which is active with more than 200 student members and 10 professional members. There are 4 Student Branch Chapters of IEEE Technical Society, IEEE IAS, IEEE PELS, IEEE PES and IEEE SPS, and two affinity groups IEEE WIE and IEEE SIGHT active in Jyothi Engineering College.

Many Hub level and National level programs are organized in the campus. Student members of Jyothi

Engineering College used to participate in various programs organized outside the campus. Email: ieec@jecc.ac.in

Present Office Bearers are :

Student Branch Counsellor	: Dr. Jithin K Jose (Assoc.Prof. -EE)
SB Chairperson	: Mr. Rahul R. Nair, S7-CSE
SB Vice Chairperson	: Mr. Vishnu Prakash P., S5-EEE
SB Secretary	: Ms. Hiba Parveen T. M., S5-EEE
SB Treasurer:	: Ms. Anagha C., S7-MR
IAS SBC Chair	: Mr. Abhishek Sankar T , S7 EEE
PELS SBC Chair	: Ms. Anupama Anil, S5 CSE
PES Chair:	: Mr. Mohamed Irfan M. A. ,S7-EEE
SPS Chair:	: Ms. Arya Krishna K., CSE S7
WIE AG Chair	: Ms. Barkath Asiya, S5 CSE
SIGHT AG Chair	: Ms. M Oviya , S5 CSE
IES SBC Chair	: Mr. Sreekridhes S, S5 EEE
Systems Council	
SBC Chair	: Ms.Malavika M. V.,S5 CSE

8. Computer Society of India (CSI)

Name of the CSI Student Branch : CSI@JYOTHI

Total Number of Members - 719

CSI Student's Branch Counsellor -

Dr. Swapna B Sasi, Asso. Prof.

Academic Institution Nominees

1. Dr. P Sojan Lal, Principal
2. Dr. Sobha Xavier (HOD-CSE)
3. Ms. Nikhitha N (AP-AD)
4. Abhinav S, S7 CSE - President
5. Ms. Anjana K R, S7 AD - Treasurer

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

Ms. Nyni K A, AP - MR - Faculty Chapter

Ms. Drisya M.K., AP - ECE - Students Chapter

10. IETE Student Forum (ISF)

Department Co-ordinators : Ms. Anu Paul V

The Institution of Electronics and Telecommunication Engineers (IETE) founded in 1953 is one of the leading Professional Societies in India. With the great vision of founder and subsequent forefathers and stalwarts who were leading lights of the institution IETE has been devoting and contributing for the advancement of Science and Technology in the fields of Electronics, Communication Engineering, Computer Science, Information Technology and other related subjects. More than 550 live ISFs are functioning in India today with a student membership of more than 60,000.

Objectives of ISF:

1. Improving standard of Engineering Education
2. Counselling the students in the emerging new opportunities
3. Encouraging and motivating the outside classroom studies /Workshops/projects/Seminars
4. Increasing the student base and corporate membership of IETE

11. The Institution of Engineers (India)

Ms. Neeraja P G, AP - CE

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 centers abroad IEI has been organising technical activities at the international, national and regional levels for the past 91 years for the advancement of Science and practice of engineering.

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

Total No. of Members - 368

Details of Chapters

Name of Faculty Advisor	: Chapter Code
Ms. Neeraja P G	: 679531/JEC/CV
Ms. Ninu Francis	: 679531/JEC/CS
Ms. Neethu Rose Thomas	: 679531/JEC/EC
Ms. Soumya C	: 679531/JEC/EE
Dr. Cijil B John	: 679531/JEC/MC
Mr. Manikandan N R	: 679531/JEC/MT

12. SAE INDIA Collegiate Club

SEINDIA 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. Our five Departments are accredited by the Institution. 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.

Faculty Incharge : Mr. Anto Zacharias (AP-ME)

13. 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, promotes research work in concrete technologies, publishes journals on research findings, newer technologies and solution for practical problems, collaborates 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 has been functioning since 2014-2015.

Dr. Alwyn Varghese (Asso. Prof.-CE) staff in charge of ICI

14. Parent - Teacher Association

Objectives of the Association

The Parent Teacher Association is actively working in this college. The objectives of 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 2026-27 are:

Dr. P Sojan Lal	- President
Mr. Bijith B L	- Vice President
Mr. Manojkumar V K	- Secretary
Dr. Anitha Jacob	- Jt. Secretary
Ms. Jasmin Jose	- Treasurer

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

PTA MEMBERS 2026-27

#	NAME	MOBILE	CLASS
1	Vijayakumar V B	9387098155	S7 AD
2	Dr Anitha Jacob	9447092923	S7 CE
3	Sajith V P	8606054588	S7 CS- A
4	Pio Davis	9000441149	S7 CS-B
5	Abdul Rasheed S P	7012724050	S7 CS-C
6	Mohammed Haneef	9947844844	S7 CY
7	Vinod Kumar	9388711517	S7 EC
8	Jayasree Hari	9447312286	S7 EE
9	Biju Mk	9846919755	S7 ME
10	Johnson N D	9544545959	S7 MR
11	Mohamed Shafeek	9497222244	S5 AD-A
12	Wilson P K	9495331746	S5 AD-B



13	Jigy E J	9495147821	S5 CS-A
14	Adv, Johnykutty P M	9495448808	S5 CS-B
15	Mr. Yeldo	9446316455	S5 CS-C
16	Mr. Manikandan	8891728481	S5 CY
17	Mr. Johnson George	9447121822	S5 CE
18	Ms. Vijisha Devi	9747522525	S5 EC
19	Mr.Sunil Kumar	9447389087	S5 EE
20	Mr.Harish Babu.V B	9895966167	S5 ME
21	Vinod M V	9895833071	S5 MR
22	Adv. Majeed K	9747327313	S3 AD-A
23	A K Saidalavi	9847413549	S3 AD-B
24	Bijith B L	8606088797	S3 CE
25	Biju John	9895732064	S3 CS-A
26	Simy D	9846857446	S3 CS-B
27	Raveendran	8129900337	S3 CS-C
28	Adv. Aji Varghese	9387732633	S3 CY
29	Parameswaran K	9495276897	S3 EC
30	Justina Jacob	9074889894	S3 EE
31	Sundar Bhaskar	7012534094	S3 ME
32	Sujatha	9526388914	S3 MR
33	Babu V J	9847246605	S1 AD-A
34	Pradeepa	9747796234	S1 AD-B
35	Vineeth Kumar	9037526941	S1 CE
36	Mahesh Kumar	9539939304	S1 CS-A
37	Gladson Mathew	8921688795	S1 CS-B
38	Krishnakumar	9947697049	S1 CS-C
39	Rajesh T	9037442410	S1 CY
40	Simi	9446256349	S1 EC
41	Krishna Das A	9539008613	S1 EE
42	Benny Chirayath	9847405243	S1 ME
43	Yesudas A P	9497774927	S1 MR

15. Women Development Cell (WDC)

The WDC cell is coordinated by the ECE Department.



In compliance with a directive from the University, Jyothi Engineering College has opened a Women Development Cell. 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 renowned Koodiyattom artist of Kerala Kalamandalam, and is named as “SANSKRITHI”. “Each woman for a woman” is the motto of WDC.

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

16. 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 support and services. TBI is an approved centre of Technopark, TVM.

Objectives

- * Incubate early stage entrepreneurial ventures based on technology 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 Techno park 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 incubatees 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 Application to DSIR.

Activities of TBI

1. IT Support for College Admission
2. Developing and maintaining
 - ★ Website for Jyothi Engineering College, (www.jecc.ac.in)
 - ★ Website for Archdiocese of Trichur,
 - ★ College Automation software Campus book



- ★ College Library software
 - ★ Online feedback system
 - ★ College admission software
 - ★ Automation software for College store
 - ★ Online Examination system
3. Developing ERP for Archdiocese of Trichur
 4. Website Administration for Parishes E-mail: tbi@jecc.ac.in.

17. Institution's Innovation Council (IIC)

President: Dr. Nice Menachery

Vice President: Mr. Vysagh M

Convenor: Mr. Jinesh K J

Ministry of Education Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE to systematically foster the culture of Innovation and start-up ecosystem in higher education institutions. MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs was established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses. IICs is established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus. IIC focus on creating complete ecosystem which will foster the culture of Innovation across students from ideas generation to pre-incubation, incubation and graduating from the incubator as successful start-ups.

Jyothi Engineering College has established Institution's Innovation Council in the year 2020-21 (No. IC202014357) , to encourage our students to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures.



The primary goal of this council is to inspire, encourage and nurture the young students for different activities involved in pre-incubation, incubation and making successful startups.

The IIC cell conducts quarterly meetings to plan the quarterly activities and review quarterly conducted activities. Due to these activities, students get chance to participate in various innovation related initiatives and competition organized by MHRD. Students actively interact with renowned entrepreneurs and academicians. They get opportunities to nurture their ideas. JECC IIC helps students to experiment with the latest technologies to get some prototype for building their confidence. Overall students get extremely healthy environment right from ideation to start-ups.

Vision

To encourage creativity and an entrepreneurial culture through providing faculty, students, and alumni the chance to turn their company concepts into reality.

Mission

To establish an environment that supports and encourages creative thinking and entrepreneurship among students, faculty, and alumni, as well as to support startups by providing them with the resources they require to bring their creative and sustainable ideas to market.

Focus area

1. To create a vibrant local innovation ecosystem.
2. Start-up/ entrepreneurship supporting Mechanism in HEIs.
3. Prepare institute for NIRF innovation
4. Establish Functional Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
5. Develop better Cognitive Ability amongst Technology Students.



Objectives

1. To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
2. Identify and reward innovations and share success stories.
3. Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
4. Network with peers and national entrepreneurship development organizations.
5. Organize Webinar, Workshop, Competition, Mini-challenges etc. with the involvement of Experts from different fields.

18. Innovation & Entrepreneurship Development

Centre/Cell (IEDC)

Nodal Officers:

Dr. Nice Menachery

Ms. Ambily Francis

Mr. Vysagh M

Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurship among the student and academic fraternity in the educational institutions in the State of Kerala and considered as an umbrella programme that would play an instrumental role in fostering innovation culture in Academic institutions.

Vision

To create an innovation culture among Innovators by introducing them the State-of-the-art technologies and positioning the Institution as a Learning and Innovation Platform by delivering technically competent and skilled Entrepreneurs.

Mission

To create IEDC as an Innovation Platform and to create future founders by promoting Innovation, Technology and Business Learning among student community.

Purpose

The purpose of the IEDCs will be to act as an aspirational platform for student entrepreneurs and tech-savvy innovators to develop and sharpen their entrepreneurial skills. The selected innovators will be exposed to innovation culture, emerging technologies, and business aspects, with the implicit assumption that the selected innovators will become entrepreneurs, while other skilled talents will secure high-end jobs based on the exposure and skills they acquire.

Objectives

1. To promote an innovation driven entrepreneurship culture among the students
2. To develop and promote commercially viable innovative product and solution from the students.
3. To promote enterprise among budding technopreneurs and thereby creating more employment opportunities
4. To bridge the gap between Industry and Academia.
5. To support the budding Entrepreneurs through Grants and to create an entrepreneurship flavour in the academic fraternity.

Functions of IEDC

- 1 To create awareness and interest among faculties and students through workshops and Hackathons.
- 2 To motivate, support and mentor students for identification, development and commercialisation of their innovative ideas.



- 3 To create a platform for the young brains to develop their skills and to give proper technological exposure.
- 4 To provide exposure to technology and entrepreneurship by providing Job opportunities and Internship in relevant Industry.
- 5 To provide Technology & Management Skill Training to the students and Faculties in building their innovative product or solution.
- 6 To create specialisation hubs for promoting the culture of Entrepreneurship among the student communities.
- 7 To organise Business Plan Competitions/Innovation Camps/ Hackathons with active involvement of industry and alumni.
- 8 IEDC Executive Committee consists of members from all the different departments headed by Nodal Officer and Assistant Nodal Officer.

Responsibilities of Nodal Officer:

- Coordinating all the activities of IEDC.
- Design and implement IEDC activities in line with IEDC Programme framework.
- Develop an Innovation led entrepreneurial Culture among Students.
- Facilitate setting up of Incubation Centre in Institution.
- Support Innovators to develop their prototypes and connect them with relevant mentors.
- Ensure all Students in Institutions are getting information related to IEDC activities.
- Ensuring that all aspiring students are getting equal opportunity to attend various programs in the college under IEDC.
- Creating a mentor pool.
- Encouraging students to take up relevant skill development programmes, promoting patent related activities etc.



Student Coordinates Role and Responsibilities

I. Student Lead I and Student Lead II

- Represent the student body and voice concerns to the IEDC.
- Foster a positive and inclusive environment for all members.
- Coordinate student activities and events.
- Act as a liaison between students and other leadership roles.

2. Technology Lead

- Oversee the technological infrastructure of the organization.
- Identify and implement innovative technologies to enhance efficiency.
- Manage the organization's website, software, and other tech tools.
- Provide technical support to other teams and members.

3. Quality & Operations Lead

- Ensure the smooth functioning of day-to-day operations
- Implement and improve processes to enhance efficiency.
- Monitor and maintain the quality of products or services.
- Collaborate with other leads to streamline cross-functional processes.

4. Finance Lead

- Manage the organization's budget and financial resources.
- Oversee financial transactions, accounting, and reporting.
- Provide financial guidance to other leads for budgeting their activities.
- Identify opportunities for cost-saving and revenue generation.

5. Creative & Innovation Lead

- Drive creative initiatives and innovative projects.
- Foster a culture of creativity and out-of-the-box thinking.
- Collaborate with other leads to infuse creativity into various aspects of the organization.
- Oversee the development of creative content and materials.

6. Branding & Marketing Lead

- Develop and execute marketing strategies to promote the organization.
- Manage branding efforts to enhance the organization's image.
- Coordinate promotional events and campaigns.
- Work with other leads to ensure consistent messaging across all channels.

7. Community Lead

- Build and nurture a sense of community within the organization.
- Organize community-building events and activities.
- Address the needs and concerns of the organization's members.
- Foster collaboration and networking among members.

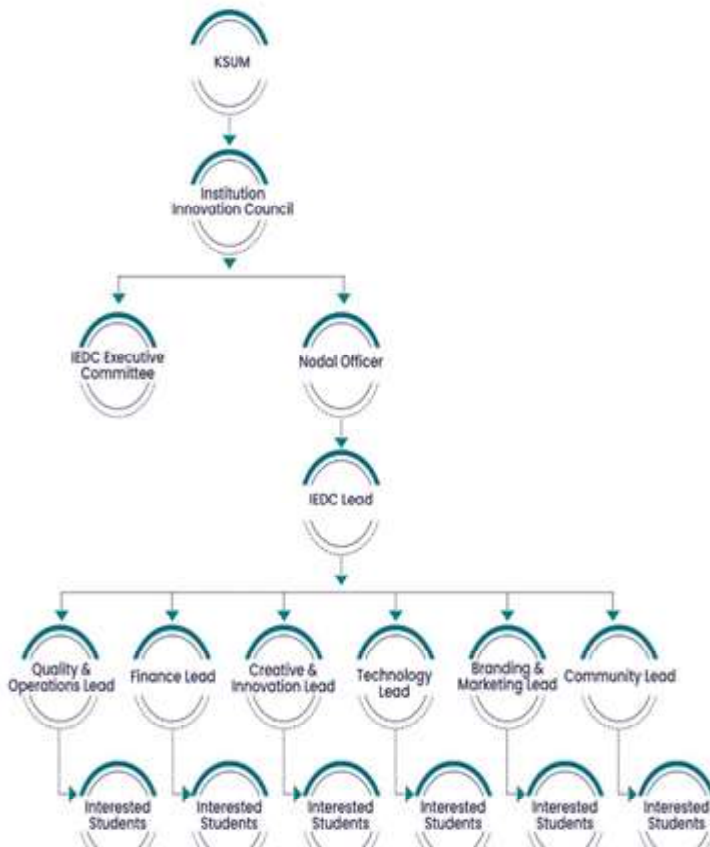
8. Women Entrepreneurship Lead

- Promote and support women entrepreneurs within the organization.
- Develop initiatives to empower women in entrepreneurship.
- Organize events, workshops, and mentorship programs focused on women's leadership.
- Advocate for gender equality and inclusivity within the organization.

9. IPR & Research Lead

- Oversee intellectual property matters and research activities.
- Ensure compliance with intellectual property laws and regulations.
- Facilitate research projects and collaborations.
- Support innovation and protect the organization's intellectual assets.

Diagram Showing IEDC Structure



19. Unnat Bharat Abhiyan

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

20. Entrepreneurship Development Club (EDC),

The Entrepreneurship Development Club (EDC), initiated by the Government of Kerala, is designed to foster an entrepreneurial mindset among students. It aims to provide them with essential skills and confidence to either start their own ventures or contribute to the creation of new enterprises. This initiative is a strategic move to empower the youth with entrepreneurial capabilities and drive economic growth.

Jyothi Engineering College has registered ED club (Registration number EDC/TSR/58/17) with Directorate of industries and commerce under Entrepreneurship Development Club (EDC) programme of Industries & commerce, Govt. of Kerala.

Staff Coordinator : Dr. Nice Menachery (AP, ME)



1. Extra-Curricular Activities

The College has a number of indoor and outdoor sports facilities to encourage students to participate in sports activities. The College students actively participate in national, inter-university, state, district, and intercollegiate-level tournaments, winning prizes and bringing laurels to the College. The College also conducts a sports meet and distributes prizes to the winners and runners-up. The College has separate fitness centres for boys and girls.

2. Co-Curricular Activities

The College believes that students' mental capabilities flourish when they interact with their peers and participate in brainstorming sessions, debates, group discussions, essay-writing competitions, and quiz activities. Every year, the College organizes a variety of extracurricular and co-curricular activities involving students from different 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.
- * Intercollegiate festivals and competitions are conducted in sports, arts and cultural programmes.



B. TECH

AD	S1/S2 - A	Ms. Vidya V Menon	9446144296
		Ms. Neenu Jose	9633373088
	S1/S2 - B	Ms. Sandhya P S	9048796634
		Ms. Nikhitha N	8078845167
	S3/S4 - A	Ms. Linta A T	9061166507
		Dr. Anju Asokan	8921301782
	S3/S4 - B	Mr. Bineesh M	9946934976
		Dr. Gayathri V	9003558917
	S5/S6 - A	Mr. Jayakrishnan	8547389961
		Ms. Divya Konikkara	8943907295
CE	S1/S2	Mr. Arjun K M	9495557299
		Dr. Sajitha A S	7559851335
	S3/S4	Mr. Jithin K C	9656976629
		Ms. Anjali O	9539815811
	S5/S6	Ms. Jasmin Jose	9446984847
		Ms. Anju M J	7994255788
	S7/S8	Ms. Jeffy Johny	7025168862
		Ms. Anna Joseph	9400947041
	S3/S4	Dr. Alwyn Varghese	7907739204
		Ms. Soorya M Nair	9446442033
CSE	S1/S2 - A	Mr. Suhas Nair S	8682856537
		Ms. Jisha Akkara	9633103108
	S1/S2 - B	Ms. Bindu K S	9747633294
		Ms. Dhanya V R	8129258505
	S1/S2 - C	Mr. Tony C J	9623951298
		Ms. Sruthy K S	8086006870
	S3/S4 - A	Mr. Sivakumar K S	9497458071
		Ms. Jyothi P Joy	8156975865
	S3/S4 - B	Ms. Sona Shaju K	8606245031
		Mr. Arun K	9048910636
	S3/S4 - C	Ms. Jyothsna G K	9745144261
		Ms. Athira K P	9538306527
		Ms. Ninu Francis	9446045708
		Dr. Valanto Alappat	9446228287

CSE	S5/S6 - A	Ms. Riya Jacob	7558096379
		Mr. Vysagh M	8891637925
	S5/S6 - B	Dr. Swapna B Sasi	9447125373
		Ms. Anumol C S / Ms. Aparna Mohan	8606326806 7591960737
	S5/S6 - C	Mr. Aneesh Chandran	9846612956
		Ms. Neethu T V	8075713318
	S7/S8-A	Mr. Thoms George K	9447239077
		Ms. Neeraja James	9744192335
	S7/S8-B	Dr. Sajitha I	8590444601
		Dr. Shyji M B	7907129919
CS (Cyber)	S1/S2	Ms. Priya Jose	9446940630
		Ms. Remya M	7994232332
	S3/S4	Ms. Urmila M M	8075863891
		Ms. Geetha P V	9446943581
	S5/S6	Ms. Sagna L T	9495901413
		Mr. Joyel P R	8301988661
	S5/S6	Mr. Saju C J	9840509203
		Ms. Anusha K	9496502876
ECE	S1/S2	Ms. Viji E P	9400822484
		Dr. Bindhu K Rajan	9995010047
	S3/S4	Ms. Ambily Francis	8907071298
		Dr. Prajoon P	8838511531
	S5/S6	Ms. Neethu Rose Thomas	8547801784
		Ms. Drisya M K	9645351678
EEE	S1/S2	Ms. Roshni Rajan K	9995613889
		Mr. Melvin Joy	9656098779
	S3/S4	Ms. Nivya Wilson	9847272568
		Ms. Soumya C	9495402964
	S5/S6	Ms. Anu Paul V	9446847283
		Mr. Kapil Das	9496351517
	S7/S8	Ms. Melvi C V	8848241944
		Ms. Priyanka E S	7356244209
		Ms. Anu Sunny	9446766070
		Dr. D Navin Sam	8778703990



ME	S1/S2	Mr. Antony Joseph	8138073048
		Mr. Hareesh N V	9809189457
	S3/S4	Dr. Thomas Joseph	9496322761
		Mr. Anto Zakariah	9497323482
	S5/S6	Mr. Praveen Raj	9447314582
		Mr. Suneeth Sukumaran	9496352391
MRE	S1/S2	Mr. Nikhil N S	9947541390
		Mr. Suresh O P	9633103837
	S3/S4	Ms. Jisna K J	8078915382
		Mr. Manikandan N R	9961061048
	S5/S6	Mr. Ashik M S	9496865789
		Ms. Neethu M	9497352601
	S7/S8	Mr. Jain Varghese	7994039969
		Ms. Athira P Preman/ Ms. Sreeshma - 9744232827	7558049631
	S3/S4	Mr. Sabin Johny	9809791441
		Dr. Vivek Lukose	8547523445

M. TECH

CE	S1/S2	Ms. Archana S	9447855422
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OUTCOME BASED EDUCATION FRAMEWORK FOR UG PROGRAMMES

Artificial intelligence and Data Science

Vision

To be a global leader in Artificial Intelligence and Data Science by nurturing ethical professionals who practice responsible AI and create innovative, sustainable, and socially impactful solutions.

Mission

- Excellence in Education: Provide quality education in AI & Data Science through innovative teaching, experiential learning and industry collaboration.
- Ethics and Values: Inspire integrity, empathy, and responsible AI practices to develop ethical and socially responsible data professionals.
- **Research, Innovation, and Entrepreneurship: Foster research, innovation, and entrepreneurship in AI and intelligent data systems for sustainable technological and economic growth.**
- Holistic and Global Development: Promote holistic development, leadership, and global competence through interdisciplinary collaboration and community engagement.

Programme Educational Objectives

1. Graduates will excel in AI, machine learning, and data science roles, applying computing, mathematical, and statistical foundations to responsibly solve real-world problems.
2. Graduates will innovate and lead ethically, contributing to entrepreneurship, research, and sustainable societal development through multidisciplinary teamwork.
3. Graduates will adapt to evolving technologies through lifelong learning, global exposure, and continuous professional growth.



Programme Specific Outcomes

1. Graduates will be able to integrate knowledge of science, engineering, and mathematics to build AI-based solutions for real world challenges.
2. Graduates will be able to develop scalable and efficient algorithms and intelligent systems using contemporary as well as modern; programming languages, data structures, cloud computing, and data engineering technologies.
3. Graduates will be able to integrate ethical, social, and security considerations to ensure responsible and sustainable AI deployment.

Civil Engineering

Vision

To emerge as a Centre of Excellence in Civil Engineering, nurturing ethical professionals and global leaders contributing to sustainable societal development.

Mission

- To impart quality education in Civil Engineering through state-of-the-art technologies, industry interaction and lifelong learning to develop competent professionals.
- To foster integrity, empathy, professional ethics and social responsibility to develop ethical and socially committed Civil Engineering professionals and academicians.
- To nurture research-driven, innovative, and entrepreneurial civil engineers for sustainable infrastructure and societal development.
- To promote holistic growth, leadership, and global competence in Civil Engineering through industry collaboration community engagement.

Programme Educational Objectives

The program educational objectives of B.Tech in Civil Engineering are

Graduates will apply civil engineering knowledge, modern tools, and professional practices to plan, design, construct

- and manage infrastructure projects.
2. Graduates will engage in research, innovation, higher education, entrepreneurship, and lifelong learning to address emerging challenges in civil engineering and societal development.
 3. Graduates will demonstrate ethical values, leadership, teamwork, and social responsibility while contributing to sustainable and resilient communities at local and global levels.

Programme Specific Outcomes

1. Apply civil engineering principles, modern tools, and professional practices to plan, analyse, design, and execute infrastructure projects.
2. Apply theoretical concepts and technical skills in developing appropriate sustainable civil engineering solutions through self-learning, research and teamwork.
3. Integrate ethical, environmental, and societal considerations in addressing problems related to water, sanitation, soil, transportation, and urban development.

Computer Science & Engineering

Vision

To be a global leader in Computer Science & Engineering education, nurturing ethical innovators who advance technology for sustainable societal impact.

Mission

- Provide outcome-based, industry-relevant education that builds strong computing fundamentals and lifelong learning skills.
- Foster ethical values, integrity, and social responsibility among future computing professionals.
- Promote research, innovation, and entrepreneurship to address emerging technological and societal challenges.
- Encourage holistic development, leadership, and global collaboration through academia–industry–community engagement.

Programme Educational Objectives

1. Graduates will apply strong foundations in mathematics, science, and computing to design innovative software and hardware solutions.
2. Graduates will excel as professionals, researchers, or entrepreneurs, adapt to rapid technological advancements and pursue higher education in reputed institutions globally.
3. Graduates will demonstrate ethical leadership, effective communication, and teamwork in multidisciplinary and global environment.

Programme Specific Outcomes

On the completion of Computer Science & Engineering program, the students will possess:

1. Apply machine learning models, cloud computing architectures, algorithms, and analytical methods to solve complex computational problems.
2. Design and develop software systems and applications by applying modern engineering tools, cloud and IoT platforms, and AI/ML frameworks to address real-world computational and engineering challenges.
3. Model and design computing applications, employing automate tools to ensure quality, ethical practice, and sustainable societal impact.

Cyber Security

Vision

To be a globally recognized centre of excellence in Cyber Security education, research and innovation by nurturing ethical professionals, fostering technological advancement through responsible practice and contributing to a secure and sustainable digital society.

Mission

- Excellence in Education - To provide outcome-based and industry-oriented education by integrating core computer science principles with advanced cybersecurity technologies and practices.

- Ethics and Professional Responsibility - To cultivate ethical values, integrity, social responsibility, and secure computing practices for protecting digital assets and strengthening cyber trust.
- Research, Innovation, and Entrepreneurship - To promote research, innovation, and entrepreneurial thinking for developing sustainable solutions to emerging cybersecurity challenges.
- Holistic and Global Development - To enhance leadership, teamwork, lifelong learning, and global competence through industry collaboration, interdisciplinary activities, and community engagement.

Programme Educational Objectives

1. Graduates will apply strong foundations in computer science and cybersecurity to design, develop, and manage secure and reliable computing systems for industry and society.
2. Graduates will pursue successful careers as professionals, innovators or entrepreneurs engaged in technology development, deployment or engineering system implementation in industry and society and contribute to the economic growth of the country.
3. Graduates will demonstrate ethical responsibility, leadership, teamwork, and effective communication while adapting to evolving global technological environments through lifelong learning.

Programme Specific Outcomes

1. Apply cyber security principles to mitigate cyber risk and analyze security requirements of an organization.
2. Develop and deploy secure software and infrastructure using modern tools and industry standards.
3. Uphold ethical, legal, and societal responsibilities while protecting privacy, data, and digital assets.



Electronics & Communication Engineering

Vision

To be a globally recognized department of Electronics and Communication Engineering that nurtures competent, ethical, innovative, and future-ready professionals committed to holistic excellence, sustainable technological advancement, and societal well-being.

Mission

- Provide outcome-based and industry-relevant education in Electronics and Communication Engineering through strong fundamentals, practical learning, and lifelong learning to develop competent, innovative, and future-ready professionals.
- Foster research, innovation, entrepreneurship, and industry collaboration to develop sustainable electronics and communication technologies and solutions for real-world engineering challenges.
- Instill integrity, empathy, professional ethics, leadership, and social responsibility to develop globally competent and responsible engineers committed to sustainable development and societal well-being.

Programme Educational Objectives

1. Establish successful careers in industry, research, entrepreneurship, or higher education by applying strong engineering knowledge, professional skills, and lifelong learning in Electronics and Communication Engineering.
2. Emerge as innovative professionals and future leaders by developing sustainable solutions to real-world engineering challenges through continuous learning, critical thinking, and professional development.
3. Demonstrate ethical practices, professional responsibility, leadership, teamwork, and effective communication while contributing to technological advancement and societal well-being in multidisciplinary and global environments.



Programme Specific Outcomes

1. Apply the principles of Electronics and Communication Engineering to analyze, design, and implement electronics and communication systems for real-world applications.
2. Integrate Electronics, Communication, and Computing technologies to develop innovative solutions for multidisciplinary industrial and societal applications.

Electrical & Electronics Engineering

Vision

To be a globally recognized centre of excellence in Electrical and Electronics Engineering, nurturing ethical leaders committed to holistic excellence and sustainable societal impact.

Mission

- Deliver value-driven and industry-relevant education with professional competencies that builds strong engineering fundamentals encouraging lifelong learning.
- Inspire ethical conduct, integrity, and social responsibility in future electrical engineers.
- Promote research, innovation, and entrepreneurship for sustainable energy and technological growth.
- Foster holistic development, leadership and global competence through collaboration and community engagement.

Programme Educational Objectives

1. Graduates will apply strong foundations in mathematics, sciences, and electrical engineering to build enriching careers in industry, research, or higher studies.
2. Graduates will adapt to emerging technologies and contribute to sustainable innovation in electrical and allied fields.
3. Graduates will exhibit ethical leadership, communication, entrepreneurial skills, and teamwork in diverse, multidisciplinary environments.



Programme Specific Outcomes

1. Apply the principles of electrical and electronics engineering to analyze, design, and operate power, energy, and electrical systems.
2. Design and implement intelligent control, power electronic, automation, and embedded systems using modern engineering tools.
3. Develop sustainable and innovative engineering solutions through research, lifelong learning, ethical practice, and multidisciplinary collaboration.

Mechanical Engineering

Vision

To be a centre of excellence in Mechanical Engineering, research, and innovation, nurturing ethical professionals and leaders committed to sustainable technological advancement and societal well-being.

Mission

- Provide outcome-based, industry-relevant Mechanical Engineering education that builds strong fundamentals, technical competence, problem-solving ability, and lifelong learning skills.
 - Cultivate integrity, empathy, professional ethics, environmental consciousness, and social responsibility to develop responsible engineering professionals.
 - Promote research, innovation, interdisciplinary collaboration, and entrepreneurship for sustainable technological and economic development.
4. Foster leadership, teamwork, communication skills, and collaboration through industry interaction, professional activities, and community engagement.

Programme Educational Objectives

1. Graduates will apply strong Mechanical Engineering knowledge, technical competence, and problem-solving skills to excel in industry, higher studies, and related professional pursuits.



3. Graduates will exhibit ethical values, leadership, teamwork, communication skills, and social responsibility in their professional and societal engagements.

Programme Specific Outcomes

On completion of the Mechanical Engineering Programme, the graduates will be able to:

1. Apply principles of thermal, manufacturing, design, and fluid sciences to develop sustainable solutions to Mechanical Engineering problems.
2. Utilize modern engineering tools, including CAD/CAM, simulation, and analytical software, for product design, development, and optimization.
3. Apply engineering, research, innovation, and management principles to address industrial, entrepreneurial, and societal challenges for holistic development.

Mechatronics Engineering

Vision

To be a globally recognized centre of excellence in Mechatronics Engineering, developing ethical professionals who lead innovation in automation and intelligent systems for sustainable industrial and societal benefit.

Mission

- To provide professional competency through outcome-based and industry-relevant education, integrating fundamental concepts of mechanical, electronics, and computing domains with lifelong learning.
- To instill ethical values, integrity, and social responsibility in future mechatronics engineers.
- To promote research, innovation, and entrepreneurship to address industry challenges sustainably through intelligent systems and automation.
- To foster holistic development, leadership, and global competence through multidisciplinary collaboration and community engagement.



Programme Educational Objectives

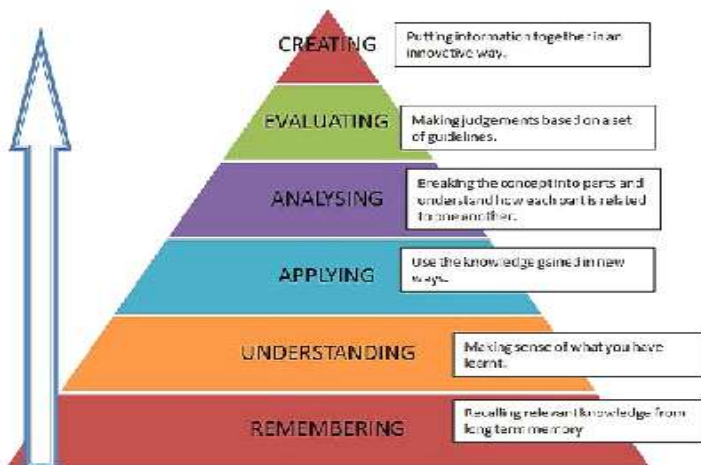
1. Exhibit strong fundamentals of electronics, electrical, mechanical, and computing domains to solve automation-related challenges.
2. Design innovative solutions using modern tools, pursuing higher studies, research, or entrepreneurship.
3. Demonstrate ethical leadership, social commitment, teamwork, and lifelong learning in global multidisciplinary environments.

Programme Specific Outcomes

1. Integrate principles of embedded systems and IoT, automation, and robotics to address challenges in manufacturing and service industries.
2. Analyse, design, and implement systems with ethical and sustainable practices for societal and industrial benefit.

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 (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.





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59	Albin Johnson	Jr. Clerk	B.Com	albinjohnson@jcecc.ac.in	9539945679



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JYOTHI ENGINEERING COLLEGE

Cheruthuruthy, Thrissur 679531

College Class Timings

Period	Time	
	Mon - Thu	Fri
1	09.00 to 09.50	09.00 to 09.50
2	09.50 to 10.40	09.50 to 10.40
Break	10.40 to 10.50	10.40 to 10.50
3	10.50 to 11.40	10.50 to 11.40
4	11.40 to 12.30	11.40 to 12.30
Break	12.30 to 01.20	12. 30 to 01.50
5	01. 20 to 02.10	01. 50 to 02.30
Break	02.10 to 02.20	02.30 to 02.40
6	02.20 to 03.10	02.40 to 03.20
7	03.10 to 04.00	03.20 to 4.00



2026

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

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

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

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



2027

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

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

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

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



Date	Day	Aug-26	No. of Working days in this semester	No. of Working days in the month
01.08.2026	Saturday			
02.08.2026	Sunday	Holiday		
03.08.2026	Monday			
04.08.2026	Tuesday			
05.08.2026	Wednesday			
06.08.2026	Thursday			
07.08.2026	Friday			
08.08.2026	Saturday	Holiday - Second Saturday		
09.08.2026	Sunday	Holiday		
10.08.2026	Monday			
11.08.2026	Tuesday			
12.08.2026	Wednesday	Karkadaka Vavu		
13.08.2026	Thursday			
14.08.2026	Friday			
15.08.2026	Saturday	Independence Day		



16.08.2026	Sunday	Holiday	
17.08.2026	Monday		
18.08.2026	Tuesday		
19.08.2026	Wednesday		
20.08.2026	Thursday		
21.08.2026	Friday		
22.08.2026	Saturday		
23.08.2026	Sunday	Holiday	
24.08.2026	Monday		
25.08.2026	Tuesday	First Onam/ Milad-i-Sherif	
26.08.2026	Wednesday	Thiruvonam	
27.08.2026	Thursday	Third Onam	
28.08.2026	Friday	Fourth Onam/Sree Narayana Guru Jayanthi/ Ayyankali	
29.08.2026	Saturday		
30.08.2026	Sunday	Holiday	
31.08.2026	Monday		

Date	Day	Sep-26	No. of Working days in this semester	No. of Working days in the month
01.09.2026	Tuesday			
02.09.2026	Wednesday			
03.09.2026	Thursday			
04.09.2026	Friday	Sreekrishna Jayanthi		
05.09.2026	Saturday			
06.09.2026	Sunday	Holiday		
07.09.2026	Monday			
08.09.2026	Tuesday			
09.09.2026	Wednesday			
10.09.2026	Thursday			
11.09.2026	Friday			
12.09.2026	Saturday	Holiday - Second Saturday		
13.09.2026	Sunday	Holiday		
14.09.2026	Monday			
15.09.2026	Tuesday			



16.09.2026	Wednesday			
17.09.2026	Thursday			
18.09.2026	Friday			
19.09.2026	Saturday			
20.09.2026	Sunday	Holiday		
21.09.2026	Monday	Sree Narayana Guru Samadhi Day		
22.09.2026	Tuesday			
23.09. 2026	Wednesday			
24.09. 2026	Thursday			
25.09.2026	Friday			
26.09.2026	Saturday			
27.09.2026	Sunday	Holiday		
28.09.2026	Monday			
29.09.2026	Tuesday			
30.09.2026	Wednesday			

Date	Day	Oct-26	No. of Working days in this semester	No. of Working days in the month
01.10.2026	Thursday			
02.10.2026	Friday	Gandhi Jayanthi		
03.10.2026	Saturday			
04.10.2026	Sunday	Holiday		
05.10.2026	Monday			
06.10.2026	Tuesday			
07.10.2026	Wednesday			
08.10.2026	Thursday			
09.10.2026	Friday			
10.10.2026	Saturday	Holiday - Second Saturday		
11.10.2026	Sunday	Holiday		
12.10.2026	Monday			
13.10.2026	Tuesday			
14.10.2026	Wednesday			
15.10.2026	Thursday			



16.10.2026	Friday			
17.10.2026	Saturday			
18.10.2026	Sunday	Holiday		
19.10.2026	Monday			
20.10.2026	Tuesday	Mahanavami		
21.10.2026	Wednesday	Vijayadasami		
22.10.2026	Thursday			
23.10.2026	Friday			
24.10.2026	Saturday			
25.10.2026	Sunday	Holiday		
26.10.2026	Monday			
27.10.2026	Tuesday			
28.10.2026	Wednesday			
29.10.2026	Thursday			
30.10.2026	Friday			
31.10.2026	Saturday			



Date	Day	Nov-26	No. of Working days in this semester	No. of Working days in the month
01.11.2026	Sunday	Holiday		
02.11.2026	Monday			
03.11.2026	Tuesday			
04.11.2026	Wednesday			
05.11.2026	Thursday			
06.11.2026	Friday			
07.11.2026	Saturday			
08.11.2026	Sunday	Holiday/ Deepavali		
09.11.2026	Monday			
10.11.2026	Tuesday			
11.11.2026	Wednesday			
12.11.2026	Thursday			
13.11.2026	Friday			
14.11.2026	Saturday	Holiday - Second Saturday		
15.11.2026	Sunday	Holiday		



16.11.2026	Monday			
17.11.2026	Tuesday			
18.11.2026	Wednesday			
19.11.2026	Thursday			
20.11.2026	Friday			
21.11.2026	Saturday			
22.11.2026	Sunday	Holiday		
23.11.2026	Monday			
24.11.2026	Tuesday			
25.11.2026	Wednesday			
26.11.2026	Thursday			
27.11.2026	Friday			
28.11.2026	Saturday			
29.11.2026	Sunday	Holiday		
30.11.2026	Monday			

Date	Day	Dec-26	No. of Working days in this semester	No. of Working days in the month
01.12.2026	Tuesday			
02.12.2026	Wednesday			
03.12.2026	Thursday			
04.12.2026	Friday			
05.12.2026	Saturday			
06.12.2026	Sunday	Holiday		
07.12.2026	Monday			
08.12.2026	Tuesday			
09.12.2026	Wednesday			
10.12.2026	Thursday			
11.12.2026	Friday			
12.12.2026	Saturday	Holiday - Second Saturday		
13.12.2026	Sunday	Holiday		
14.12.2026	Monday			
15.12.2026	Tuesday			



16.12.2026	Wednesday			
17.12.2026	Thursday			
18.12.2026	Friday			
19.12.2026	Saturday			
20.12.2026	Sunday	Holiday		
21.12.2026	Monday			
22.12.2026	Tuesday			
23.12.2026	Wednesday			
24.12.2026	Thursday			
25.12.2026	Friday	Christmas		
26.12.2026	Saturday			
27.12.2026	Sunday	Holiday		
28.12.2026	Monday			
29.12.2026	Tuesday			
30.12.2026	Wednesday			
31.12.2026	Thursday			

Date	Day	Jan-27	No. of Working days in this semester	No. of Working days in the month
01.01.2027	Friday			
02.01.2027	Saturday	Mannam Jayanti		
03.01.2027	Sunday	Holiday		
04.01.2027	Monday			
05.01.2027	Tuesday			
06.01.2027	Wednesday			
07.01.2027	Thursday			
08.01.2027	Friday			
09.01.2027	Saturday	Holiday - Second Saturday		
10.01.2027	Sunday	Holiday		
11.01.2027	Monday			
12.01.2027	Tuesday			
13.01.2027	Wednesday			
14.01.2027	Thursday			
15.01.2027	Friday			



16.01.2027	Saturday			
17.01.2027	Sunday	Holiday		
18.01.2027	Monday			
19.01.2027	Tuesday			
20.01.2027	Wednesday			
21.01.2027	Thursday			
22.01.2027	Friday			
23.01.2027	Saturday			
24.01.2027	Sunday	Holiday		
25.01.2027	Monday			
26.01.2027	Tuesday	Republic Day		
27.01.2027	Wednesday			
28.01.2027	Thursday			
29.01.2027	Friday			
30.01.2027	Saturday			
31.01.2027	Sunday	Holiday		

Date	Day	Feb-27	No. of Working days in this semester	No. of Working days in the month
01.02.2027	Monday			
02.02.2027	Tuesday			
03.02.2027	Wednesday			
04.02.2027	Thursday			
05.02.2027	Friday			
6.02.2027	Saturday			
07.02.2027	Sunday	Holiday		
08.02.2027	Monday			
09.02.2027	Tuesday			
10.02.2027	Wednesday			
11.02.2027	Thursday			
12.02.2027	Friday			
13.02.2027	Saturday	Holiday - Second Saturday		
14.02.2027	Sunday	Holiday		
15.02.2027	Monday			



16.02.2027	Tuesday			
17.02.2027	Wednesday			
18.02.2027	Thursday			
19.02.2027	Friday			
20.02.2027	Saturday			
21.02.2027	Sunday	Holiday		
22.02.2027	Monday			
23.02.2027	Tuesday			
24.02.2027	Wednesday			
25.02.2027	Thursday			
26.02.2027	Friday			
27.02.2027	Saturday			
28.02.2027	Sunday	Holiday		

Date	Day	Mar-27	No. of Working days in this semester	No. of Working days in the month
01.03.2027	Monday			
02.03.2027	Tuesday			
03.03.2027	Wednesday			
04.03.2027	Thursday			
05.03.2027	Friday			
06.03.2027	Saturday	Sivarathri		
07.03.2027	Sunday	Holiday		
08.03.2027	Monday			
09.03.2027	Tuesday			
10.03.2027	Wednesday	Idul-Fitr (Ramzan)		
11.03.2027	Thursday			
12.03.2027	Friday			
13.03.2027	Saturday	Holiday - Second Saturday		
14.03.2027	Sunday	Holiday		
15.03.2027	Monday			



16.03.2027	Tuesday			
17.03.2027	Wednesday			
18.03.2027	Thursday			
19.03.2027	Friday			
20.03.2027	Saturday			
21.03.2027	Sunday	Holiday		
22.03.2027	Monday			
23.03.2027	Tuesday			
24.03.2027	Wednesday			
25.03.2027	Thursday	Maundy Thursday		
26.03.2027	Friday	Good Friday		
27.03.2027	Saturday			
28.03.2027	Sunday	Holiday/Easter		
29.03.2027	Monday			
30.03.2027	Tuesday			
31.03.2027	Wednesday			

Date	Day	Apr-27	No. of Working days in this semester	No. of Working days in the month
01.04.2027	Thursday			
02.04.2027	Friday			
03.04.2027	Saturday			
04.04.2027	Sunday	Holiday		
05.04.2027	Monday			
06.04.2027	Tuesday			
07.04.2027	Wednesday			
08.04.2027	Thursday			
09.04.2027	Friday			
10.04.2027	Saturday	Holiday - Second Saturday		
11.04.2027	Sunday	Holiday		
12.04.2027	Monday			
13.04.2027	Tuesday			
14.04.2027	Wednesday	Dr. B.R. Ambedkar Jayanthi		
15.04.2027	Thursday	Vishu		



16.04.2027	Friday			
17.04.2027	Saturday			
18.04.2027	Sunday	Holiday		
19.04.2027	Monday			
20.04.2027	Tuesday			
21.04.2027	Wednesday			
22.04.2027	Thursday			
23.04.2027	Friday			
24.04.2027	Saturday			
25.04.2027	Sunday	Holiday		
26.04.2027	Monday			
27.04.2027	Tuesday			
28.04.2027	Wednesday			
29.04.2027	Thursday			
30.04.2027	Friday			

Date	Day	May-27	No. of Working days in this semester	No. of Working days in the month
01.05.2027	Saturday	May Day		
02.05.2027	Sunday	Holiday		
03.05.2027	Monday			
04.05.2027	Tuesday			
05.05.2027	Wednesday			
06.05.2027	Thursday			
07.05.2027	Friday			
08.05.2027	Saturday	Holiday - Second Saturday		
09.05.2027	Sunday	Holiday		
10.05.2027	Monday			
11.05.2027	Tuesday			
12.05.2027	Wednesday			
13.05.2027	Thursday			
14.05.2027	Friday			
15.05.2027	Saturday			



16.05.2027	Sunday	Holiday		
17.05.2027	Monday	Bakrid		
18.05.2027	Tuesday			
19.05.2027	Wednesday			
20.05.2027	Thursday			
21.05.2027	Friday			
22.05.2027	Saturday			
23.05.2027	Sunday	Holiday		
24.05.2027	Monday			
25.05.2027	Tuesday			
26.05.2027	Wednesday			
27.05.2027	Thursday			
28.05.2027	Friday			
29.05.2027	Saturday			
30.05.2027	Sunday	Holiday		
31.05.2027	Monday			

Date	Day	Jun-27	No. of Working days in this semester	No. of Working days in the month
01.06.2027	Tuesday			
02.06.2027	Wednesday			
03.06.2027	Thursday			
04.06.2027	Friday			
05.06.2027	Saturday			
06.06.2027	Sunday	Holiday		
07.06.2027	Monday			
08.06.2027	Tuesday			
09.06.2027	Wednesday			
10.06.2027	Thursday			
11.06.2027	Friday			
12.06.2027	Saturday	Holiday - Second Saturday		
13.06.2027	Sunday	Holiday		
14.06.2027	Monday			
15.06.2027	Tuesday			



16.06.2027	Wednesday			
17.06.2027	Thursday			
18.06.2027	Friday			
19.06.2027	Saturday			
20.06.2027	Sunday	Holiday		
21.06.2027	Monday			
22.06.2027	Tuesday			
23.06.2027	Wednesday			
24.06.2027	Thursday			
25.06.2027	Friday			
26.06.2027	Saturday			
27.06.2027	Sunday	Holiday		
28.06.2027	Monday			
29.06.2027	Tuesday			
30.06.2027	Wednesday			

Date	Day	Jul-27	No. of Working days in this semester	No. of Working days in the month
01.07.2027	Thursday			
02.07.2027	Friday			
03.07.2027	Saturday			
04.07.2027	Sunday	Holiday		
05.07.2027	Monday			
06.07.2027	Tuesday			
07.07.2027	Wednesday			
08.07.2027	Thursday			
09.07.2027	Friday			
10.07.2027	Saturday	Holiday - Second Saturday		
11.07.2027	Sunday	Holiday		
12.07.2027	Monday			
13.07.2027	Tuesday			
14.07.2027	Wednesday			
15.07.2027	Thursday			



16.07.2027	Friday			
17.07.2027	Saturday			
18.07.2027	Sunday	Holiday		
19.07.2027	Monday			
20.07.2027	Tuesday			
21.07.2027	Wednesday			
22.07.2027	Thursday			
23.07.2027	Friday			
24.07.2027	Saturday			
25.07.2027	Sunday	Holiday		
26.07.2027	Monday			
27.07.2027	Tuesday			
28.07.2027	Wednesday			
29.07.2027	Thursday			
30.07.2027	Friday			
31.07.2027	Saturday			

NOTES

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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