

D-



MARIAN ENGINEERING COLLEGE



STUDENT HAND BOOK 2024-25

'Nurturing a Habit of Excellence'

MARIAN ENGINEERING COLLEGE



Menamkulam , Kazhkuttom Thiruvananthapuram-695582 Ph. 9495707111, 9495707222

Email <u>mail@marian.ac.in</u> Web: <u>www.marian.ac.in</u>

STUDENT HAND BOOK 2024-25

'The Fear of the Lord is the beginning of Wisdom'

CONTENTS

INSTITUTIONAL INFORMATION	Page No.
• Profile	1
Vision	1
Mission	1
• Quality Policy	1
Governing body	1
• Internal quality assurance cell	2
• Internal audit cell	2
Programmes offered	3
National Board of Accreditation	3
FACILITIES	
• Central Computing facility (CCF)	3
• Library	3
• Hostels	4
Cafeteria & Canteen	4
• Transport	4
College bus routes	4
• Sports & Fitness	5
• Chapel	5
• Post office	5
• Guest rooms	5
Class timings	5
ACADEMIC INFORMATION	
Class advisory system	5
• List of faculty advisors	5
KTU ACADEMIC REGULATIONS 2024	
• 1. General	8
• 2. Admission	8
• 3. Structure of B Tech Program	9
• 4. Maximum duration for completion of B. Tech Program	17
• 5. Academic Mentoring and Student Support	17
• 6. Attendance	20
• 7. Assessment	22
• 8. Challenge Courses	29
• 9. Calculation of SGPA/CGPA	31
• 10. Activity Credits Requirement for B. Tech. Students	32
• 11. Eligibility for B. Tech. Degree	32
• 12. Break of Study	32
• 13. Uninformed Long Absence	34
• 14. Scheme Migration	34

• 15. Minor in Engineering	37
• 16. B. Tech. (Honours)	40
• 17. Massive Open Online Course (MOOC).	42
• 18. Grace Marks for Sports /Arts Competitions.	43
• 19. Grace Marks for Persons with Disability (PWD)	44
• 20. Inter College Transfer	45
• 21. Migration from other Universities	46
• 22. Student Exchange Programme	48
• 23. Internships at KTU	50
• 24. Ombudsperson	50
• 25. Overriding Provisions.	51
KTU SCHEME (FIRST YEAR)	
• 1. Grouping	51
• 2. Course category	51
• First Semester	52
Second Semester	54
AWARDS	
Marian Technology and Innovation Contest	56
GENERAL REGULATIONS	
• Code of conduct for students	56
Library rules	57
Computer usage policy	57
• Bus facility rules	57
GENERAL INFORMATION	
College Management	58
 Department of Electrical Engineering 	58
 Department of Directical Engineering Department of Civil Engineering 	58
 Department of Electronics & Communication Engineering 	59 59
 Department of electronics and Computer Engineering 	59
 Department of Mechanical Engineering 	59
 Department of Computer Science & Engineering 	60
• Department of Artificial Intelligence & Machine Learning	60
Department Science and Humanities	60
Department of Master of Business Administration	60
Technical staffs	62
Library staff	63
Office staff	63
• Drivers (College Buses & Office Cars)	64
Student Counselor	64
COMMITTEES AND ASSOCIATIONS	
Parent teacher association	65
Women's welfare& grievance committee	65

• Anti-ragging cell	65
• KTU Cell	65
Examinations Cell	65
Student welfare committee	65
Career guidance and placement unit	66
• Innovation and entrepreneurship development centre (IEDC)	66
CO – CURRICULAR/EXTRA CURRICULAR ACTIVITIES	
Student Senate	66
Research & Development Centre	66
Bhoo-mithrasena Club	67
National Service Scheme	67
• Student grievance re-dressal & appeal committee	67
Committee against sexual harassment of women	67
Ethics committee	67
Anti-narcotic club	68
Industry Institute Interaction Cell	68
Marian Centre for Continuing Education	68
Professional Bodies	68
Branch Associations	68

INSTITUTIONAL INFORMATION

PROFILE

The Marian Engineering College, Menamkulam, Kazhakuttom, Thiruvananthapuram established in August 2001, is a private self-financing professional college managed by the Trivandrum Social Service Society under the Latin Catholic Arch diocese of Trivandrum .The College is approved by All India Council for Technical Education, New Delhi and was affiliated to the Kerala University from 2001 to 2014 admissions and to the A.P.J Abdul Kalam Technological university, Kerala from the 2015 admissions onwards.

VISION

To be an institution offering quality technical education and promoting research with strong ethical values for public good.

MISSION

To mould the young men and women into technologically up to date, socially conscious and morally sound individuals by providing an inspiring environment of learning for the welfare of the society.

QUALITY POLICY

Marian Engineering College is committed to the transformation of young women and men into responsible citizens through Engineering education, conforming to international standards, which is planned to be achieved through efficient use of resources and full involvement of all staff members working as a team, constantly monitored by Management team for continuous improvement in the expected outcome.

GOVERNING BODY

The governance of the college is by a Governing body constituted by the Latin Arch Diocese of Trivandrum. The patron of the Governing Body is His Grace Major Arch Bishop of Trivandrum Dr. Thomas J. Netto. The major policy decisions of the College are taken by the Governing Body. Principal is the ex-officio secretary of the Governing Body. These policy decisions are made operational by the College Council. There are various committees like Construction committee, Selection committee, etc constituted by the Governing Body are shown below.

His Grace Most Rev. Dr. Thomas J. Netto	Metropolitan Archbishop of Trivandrum and the Patron
His Excellency Most Rev. Dr.Christudas Rajappan	Auxiliary Bishop of Trivandrum, Vice Patron
Msgr. Eugine H. Periera	Vicar General, Archdiocese of Trivandrum
Rev. Fr.Dr.A.R John	Manager, Marian Engineering College & Chairman
Very Rev. Msgr. Wilfred E	Former Manager, Marian Engineering College
Dr. Abdul Nizar M	Principal, Secretary (EX-Officio)
Dr.Samson A.	Dean, Marian Engineering College
Rev. Fr. Jim Carvin Roach	Bursar, Marian Engineering College
Rev. Fr. Ashlin Jose	Director, T.S.S.S
Dr. S. Kevin	Former Pro Vice Chancellor. Kerala University
Dr. A.V. George	Member, Kerala State Commission for Backward Classes, Trivandrum
Mr. Sreekumar V.	Centre Head, TATA ELXSI, Technopark, Trivandrum
Dr.M. Xavier	Group Director, PLPSC, ISRO, Valiyamala, Trivandrum

Governing	body	Members	(2024-25)
-----------	------	---------	-----------

HANDBOOK 2024-25

Rev Fr. Saju Roldon	Director, Education Ministry
Mr T KJose IAS (Rtd)	Chairman, KSEREC
Mr S M Vijayanand IAS (Rtd	Former Chief Secretary, Government of Kerala
Ms Remola Joy	Asso Prof, ECE, AICTE Nominee
Dr Sheeja Augustine	Prof, CSE Dept, KTU Nominee

INTERNAL QUALITY ASSURANCE CELL (IQAC)

The internal quality Assurance Cell gives advice and guidelines to the administration to maintain the high quality work in academics and administration. The cell monitors the quality aspects off the entire academic and non-academic activities of the institution. The cell works on various accreditation aspects. IQAC has been constituted in Marian Engineering College under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few teachers and a few distinguished educationists and representatives of local management and stakeholders as members. The composition of the IQAC is as follows:

1	Rev. Fr.Dr.A.R John	Manager, Marian Engineering College
2	Dr. Abdul Nizar M	Principal, Chairperson
3	Dr A Samson	Dean
4	Rev. Fr. Jim Carvin Roach	Bursar & Warden
5	Dr.Vijayalekshmy S, EEE	Coordinator
6	Dr.Sheeja Augustine	KTU Coordinator
7	Dr Rani V, CE	NAAC Coordinator
8	Dr. ArunKumar V, ME	NBA Coordinator
9	Mr. Kannan K, CE	KTU Exam Cell
10	Ms Dhanya Mathew, ECE	Internal Exam Cell
11	Mr Jerard M	Administrative Officer
12	Dr Lenin Lal M	Kadinamkulam Grama Panchayath Member
13	Ms Devika Rajesh	Alumni
14	Mr Shiju Sasidharan	CEO, BIMLABS, Tvm
15	Mr Suresh Babu B V	MD, Ottotractions
16	Mr. Ajin Thomas	Director, Global Business Polus Software Pvt. Ltd.
17	Mr. Akas B	CEO, General Electrical onshore, TVM

INTERNAL AUDIT CELL

Internal Audit Cell (IAC) conducts internal academic audit and produces the required documents and

records to the External Auditor on demand .IAC is also responsible for uploading monthly report, annual report & any other data required to the external audit and/or the APJ Abdul Kalam Technological University.

Coordinator: Dr.Sheeja Augustin A., Professor(CSE), Mob:9446614773

PROGRAMMES OFFERED

SL.NO.	BRANCH	INTAKE
1	Department of Civil Engineering (CE)	60
2	Department of Computer Science & Engineering (CSE)	180
3	Department of Electrical & Electronics Engineering (EEE)	60
4	Department of Electronics & Communication Engineering (ECE)	60
5	Department of Mechanical Engineering (ME)	60
6	Artificial Intelligence & Machine Learning (AH)	60
7	Electronics & Computer Engineering (ES)	60
	M Tach Dograa	1

SL.NO.	SPECIALISATION	INTAKE
1	Geotechnical Engineering (CE)	18
	MBA Degree	
SL.NO.	SPECIALISATION	INTAKE
1	Master of Business Administration	60

NATIONAL BOARD OF ACCREDITATION (NBA)

Marian Engineering College has been accredited by the National Board of Accreditation (NBA) for its Civil Engineering, Mechanical Engineering, Computer Science and Engineering, and Electronics and Communication Engineering programs. Additionally, the Electrical and Electronics Engineering Department is set to apply for accreditation in 2025. This recognition reflects the college's commitment to providing high-quality technical education and maintaining rigorous academic standards across these key disciplines.

FACILITIES

CENTRAL COMPUTING FACILITY (CCF)

The Central Computing Facility was started in 2013 and has been setup in the administrative block. It acts as a central hub for Online tests, Aptitude training, Web Surfing and conducting Workshops. The Dept of Computer Science and Engineering manages the functioning of CCF. It includes a total of 109 computers with printers, UPS systems and latest software's. The whole systems are networked and Internet connectivity is provided. There are Two Internet Service Providers, BSNL and Asianet. BSNL is providing 600 Mbps broadband and 20 Mbps leased line connection and Asianet is providing 100 Mbps leased line connection. The CCF is open from 8:30am to 6:00 pm on all working days.

LIBRARY

The library is well stocked with good number of books related to various branches of Engineering and related disciplines. The college library has over 9,457 titles and 2,3875 volumes of books. The library is subscribing 19 international journals and 5 national journals in hard format and various online journals through DELNET & KTU-KNIMBUS. The E-resources of the library include nearly 1600 CDs of books and journals. The library is fully automated with SOUL software, and OPAC facility. The library is managed by fully qualified and experienced library professionals. Marian Engineering college is also part of National Digital Library of India (NDLI) and the NDLI club of Marian Engineering College is effectively functioning in our campus.

HOSTELS

Hostels for boys & girls are provided by the college in the campus itself. Both the hostels have spacious rooms & Mess halls. Separate facilities for studying are provided in both the hostels. The ladies hostel accommodates 150 inmates and is managed by Rev. Sisters. The men's hostel can accommodate 100 inmates and is managed by Bursar of the College.

CAFETERIA & CANTEEN

The college canteen functioning in the campus can accommodate more than 200 students at time. The canteen adheres to the highest degrees of quality, hygiene and provides the students with tasty food at affordable rates. Coffee, Tea and Snacks are provided in the main building exclusively for first year students. In order to meet the demand during rush hours, a cafeteria is also functioning in the campus.

TRANSPORT

The College is providing efficient transportation facilities for the staff and students to various locations in and around the city.17 buses are plying in different routes as given below:

Bus No	Route
1	To AvanavanCheri(via Venjarammodu)
3	To Vellayambalam (via Killippalam)
4	To Varkala (Via Anchuthengu)
7	To Poonthura (via Sankumugham)
8	To Attingal (Via Mangalapuram)
10	To Vellayambalam (Via Layola)
11	To Attingal (via Chirayinkeezhu)
13	To St.Joseph's HSS (via Medical College)
14	Muttada (Via Kariam)
15	To Vellayambalam (via Thirumala)
16	To Nedumangadu (Via Ulloor)
19	To Mangalapuram (Via Pothencode)
20	To Pappanamcode (Via kamaleswaram)

COLLEGE BUS ROUTES

21	To Vellayambalam (via Vattiyoorkavu)
22	To Paripally(Via Attingal)
23	To Uchakkada (ViaVizhinjam)
24	To Neyyatinkara(Via Karamana)

College buses start at 7.00 am from the specified starting points and leave the campus at 4.10 pm

Bus Coordinator: Mr. Rishikesa Kumar (Mob: 9847603517)

SPORTS & FITNESS

Physical Education is an integral part of Marian Engineering College and committed to the promotion of Health oriented as well as Competition oriented Physical Activities.. Since its establishment, the students have been participating in inter collegiate and other major sports activities at university, state and national level. The Physical Education department offers facilities for sports activities like Athletics, Football, Cricket, Badminton, Table Tennis, Chess, Volleyball, Basketball and Fitness. The college offers sports amenities including a Basketball Court in outdoor, a Football field, indoor Shuttle Badminton courts, Cricket ground, Volleyball court and Table Tennis facilities. In addition, an advanced gymnasium is established for fitness related activities. The college offers systematic training for various games by qualified coaches. Besides Interdepartmental competitions, Marian Engineering College organizes Marian Tournaments for various games for inter collegiate students. The students have brought memorable moments excelling in inter collegiate competitions and bringing laurels to the college. The department places on record the disciplined, dedicated and determined effort of all the students for keeping the college flag flying.

CHAPEL

College has a chapel in the admin block, which can be used by staff and students.

POST OFFICE

The nearby Post Office is Kazhakkootam post office (Pin: 695582) which has speed post and electronic fund transfer facility.

GUEST ROOM FOR VISITING FACULTY

There are Guest rooms for faculty coming for short term courses/ seminars/conferences etc. within the campus.

CLASS TIMINGS

The class timing is from 9 am to 4 pm with a lunch break of 60 minutes from 12.10 pm to 1 pm

ACADEMIC INFORMATION

CLASS ADVISORY SYSTEM

Faculty members are assigned as advisors for each student 1: 20 is the normal ratio maintained between faculty and students.

RESPONSIBILITES OF FACULTY ADVISORS

- 1. To guide and help students on academics
- 2. To monitor their progress in academics and advise them
- 3. counsel them and hand-hold them in any difficulty

- 4. To discuss academics, attendance and disciplinary matters.
- 5. Maintaining students records including documentation of their activities and regularly updating of the same
- 6. Consolidation of the monthly attendance and informing parents of students having shortage of attendance
- 7. Intimate the parents about result of exams, PTA meeting etc.,
- 8. Act as the interface of the department with the class.
- 9. To convene class committee meetings.

10. Any other matter entrusted by HOD/PRINCIPAL

LIST OF FACULTY ADVISORS

B TECH PROGRAMMES & MTECH PROGRAMME

Class 2024-28 (First Year) 2023-27 (Second Year) 2022-26 (Third Year) 2021-25 (Fourth Year) Deepthi Dennison, {8848807762) Asha Davood AbhijithR.P Kannan K [8848807762) (9746155556) (9567687372) (9495636362) Greeshma T, (9037676767) Sanobia B S RevathyV.S Tara Leander (9037676767) (8943873877) (9562776974) (9446544922) Renju C M, (9400456728) Soorya S R KarunaP Magi N.S (9400456728) (9446168824) (9746451387) (8086876682) EEE Sumitra K (8547727262) Geena S DeepuR.S Valsa Basil (9446105551) Mamatha A K K Geena S DeepuR.S Valsa Basil
Class (First Year) (Second Year) (Third Year) (Fourth Year) Deepthi Dennison, {8848807762) Asha Davood (9746155556) AbhijithR.P Kannan K Greeshma T, (9037676767) Sanobia B S RevathyV.S Tara Leander (9037676767) (8943873877) (9562776974) (9446544922) Renju C M, (9400456728) Soorya S R KarunaP Magi N.S (9400456728) (9446168824) (9746451387) (8086876682) EEE Sumitra K Geena S DeepuR.S Valsa Basil (8547727262) (9446105551) (9020631911) (9447962040)
Deepthi Dennison, {8848807762} Asha Davood (9746155556) AbhijithR.P Kannan K Greeshma T, (9037676767) (9746155556) (9567687372) (9495636362) RevathyV.S Tara Leander (9037676767) (8943873877) (9562776974) (9446544922) Renju C M, (9400456728) Soorya S R KarunaP Magi N.S (9400456728) (9446168824) (9746451387) (8086876682) EEE Sumitra K Geena S DeepuR.S Valsa Basil (8547727262) (9446105551) (9020631911) (9447962040)
CE {8848807762) (9746155556) (9567687372) (9495636362) Greeshma T, Sanobia B S RevathyV.S Tara Leander (9037676767) (8943873877) (9562776974) (9446544922) Renju C M, Soorya S R KarunaP Magi N.S (9400456728) (9446168824) (9746451387) (8086876682) EEE Sumitra K Geena S DeepuR.S Valsa Basil (8547727262) (9446105551) (9020631911) (9447962040)
CE Greeshma T, (9037676767) Sanobia B S (8943873877) RevathyV.S (9562776974) Tara Leander (9446544922) Renju C M, (9400456728) Soorya S R (9446168824) KarunaP Magi N.S (8086876682) EEE Sumitra K (8547727262) Geena S (9446105551) DeepuR.S (9020631911) Valsa Basil (9447962040) Mamatha A K Mamatha A K K K K
CE (9037676767) (8943873877) (9562776974) (9446544922) Renju C M, Soorya S R KarunaP Magi N.S (9400456728) (9446168824) (9746451387) (8086876682) EEE Sumitra K Geena S DeepuR.S Valsa Basil (8547727262) (9446105551) (9020631911) (9447962040)
Renju C M, (9400456728) Soorya S R (9446168824) KarunaP (9746451387) Magi N.S (8086876682) EEE Sumitra K (8547727262) Geena S (9446105551) DeepuR.S (9020631911) Valsa Basil (9447962040) Mamatha A K Mamatha A K Mamatha A K Magi N.S
(9400456728) (9446168824) (9746451387) (8086876682) Sumitra K Geena S DeepuR.S Valsa Basil (8547727262) (9446105551) (9020631911) (9447962040) Mamatha A K Mamatha A K (9020631911) (9447962040)
EEE Sumitra K (8547727262) Geena S (9446105551) DeepuR.S (9020631911) Valsa Basil (9447962040) Mamatha A K <
EEE (8547727262) (9446105551) (9020631911) (9447962040) Mamatha A K Mamatha
Mamatha A K
(8939735628)
Deepak Peter, Amjith L R Joseph KM Rajaneesh R
(9995209389) (9946289978) (9846073889) Chandran
ME Pramod Raj T P, Rahul R S Ullas Innocent Raj (9496813130)
(9495344863) (9495355925) (9207195624) Sonia S. Raj
Arun Kumar V (9400913224)
(9895744027)
Sreedevi V V, Dr, Sheeja ReejaS.L Swapna H.
(9895948107) AugustineL (9447553962) (9746104785)
CSE (R1) Keerthi Krishnan, (9446614773) Hema S. Mahesh Aswathy T.K
(9961293932) Sunitha S (9446564760) (9961100606)
(984/89/913)
Lekna V L, Mercilin Francis Harsna I Nisnaj. R (0405(21220) (0405(21220))
$CSE(R2) \qquad (9495824279) \qquad (9495051550) \qquad (9400102250) \qquad (9447905512) \\ Horry Lies Learning Lies Lies Lies Lies Lies Lies Lies Lies$
Jyouni Johnson, Mary Lisa Leenuse Aiswarya I P Dhanya L (0405626161) (0562852886) (0605105541) (0406547528)
(9493020101) (9302632680) (9003103341) (9490347326)
(09.77265185)
CSE(R3) (904/200180) Baby Pagmi K V
(0/05718838)
Evankumar G Dhanya Mathew Mary Sunitha Minnu Jayan
(9846601808) (8089239518) (9605244673) (8590877410)
FCF(T) Anusha A V Sreena V G Nurul Hidaya Glastin V V
(9495562236) (9895930489) (9895898054) (9495556320)
Lima Chandra, Nisha Soman Dr. Aswathy S.U
AH (9446179104) (7907473630) (9447798829)

HANDBOOK 2024-25

	Nora Jobai, (7907605507)	Aswathy T K (9961100606)	Aswathy A L (9961860283)	
ES	Ann Mathew, (9447553982) Abhishek J.B, (8281242356)	Preetha S L (8075666078) Simi M S (9645251695)	Ramola Joy P (9447551959) SubhaP.S (9656772914)	
MTech (GT)	Reshmy DS (2024- (9495823722)	-26)	Reshmy DS (2023-2 (9495823722)	5)
MBA	Saranya Sathyanesa (7034662740)	an (2024-26)		

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 PJ 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 B. Tech. 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 Statues, 2020;
- (0) '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	These regulations, and any amendments thereto issued from time to time, shall be binding on all parties concerned, including students, faculty, staff, and themanagements of colleges affiliated with the university other than autonomous colleges from the academic year 2024-2025 onwards.
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 theBoG, 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 whichthey
		were admitted by the competent au	thority after the closure of the admission process.
	R 2.4	A student admitted to a particul	ar institute shall continue their studies at that
		institute until the completion of the	e programme, unless granted an inter-collegetransfer
		in accordance with Regulations R.	20
		3. Structure of	f B. Tech. Programme
	R 3.1	The duration of the B. Tech. Progr	camme shall be 4 years (8 semesters).
I	R 3.2	There are four options for complet	ing 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 EngineeringMajor	170 Credits#
		Discipline.	[167 Academic Credits (as per R 7.22) +
			3 credits from student activities]
		"B. Tech. with Minor" (Minor in	185 Credits
		any Discipline, other than the Major	[170 Credits (B. Tech.) +
		Discipline)	15 Credits for Minor Coursework]
		"B. Tech. with Honours"	185 Credits
		(Specialization within the Major	170 Credits (B. Tech.) +
		"P Tool with Honours and Minor"	200 Credits
		B. Tech. with Honours and Willor	[170 Credits (B Tech) +
			15 Credits for Honours Coursework+15 Credits for Minor
			Coursework]
ľ	R 3 3	#Credit Relaxation Policy	
	11010	This policy provides flexibility for	students who face challenges in earning a small number
		of credits, while ensuring that es	sential components of the B. Tech. programme are
		completed in full.	
		i. Minimum Credits for Gradua	tion: Students who acquire at least 160 credits (157
		academic credits + 3 Ma	ndatory credits from student activities) after the
		completion of the normal prog	ramme duration of eight semesters shall be eligible for
		the B. Tech. Degree.	
		ii. Credit Shortfall Allowance: '	This policy allows students to graduate even if they
		are unable to earn credits for	courses totalling up to 10 credits.
		iii. Exclusions from Credit Relax	ation: The credit relaxation does not apply to Seminar,
		Mini Project, and Project/In	ternship, all of which are mandatory and must be
		completed to qualify for gradu	ation.
		iv. Credits earned for Minor wil	l not be considered towards the 160-credit minimum
		requirement.	
		v. Impact on CGPA due to unacc	quired credits: For courses where a student is unable to
		earn credits under the credit r	elaxation policy, a grade point of '0' will be assigned.
		This zero-point value will b	e factored into the calculation of both the Semester
		Grade Point Average (SGPA)) and the Cumulative Grade Point Average (CGPA),
		potentially resulting in a reduc	tion of the overall CGPA. Despite a potential reduction
		in CGPA due to assigned zero	p-grade points, students who successfully acquire the
		minimum 160 credits will be	eligible for graduation under this regulation, provided
		they fulfil all other requireme	ints as outlined in R 11.

	-
R 3.4	 Credit Consideration for B. Tech. Degree Award: i. 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 fulfillingthe 170-credit requirement for the regular B. Tech. degree. ii. 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 fulfillingthe 160 credits (157 academic credits + 3 credits from student activities) requirement for the B.Tech. degree. iii. These additional credits will also be included in the calculation of both the SGPA and the CGPA. iv. 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 semester 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 completion of the syllabus.
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 enrolment dates
	 Course selection and mapping dates
	• University exam registration dates
	Schedule of Internal examinations
	• Date of publishing 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 detes/Vacation detes
	• Internship dates/ vacation dates.
R 3.7	<i>Timely Completion of Portal-Related Activities:</i>i. Colleges are required to strictly adhere to the prescribed timelines set by the University for all portal-related activities.
	ii. 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 approved by the Academic Council, with subsequent reporting to the Syn	for its courses, idicate and the
	Board of Governors.	
R 3.9	Curriculum:	
	A curriculum refers to a structured and prescribed list of courses within organized in a specific format. It outlines the academic pathway for a particular the academic pathway for a particular structure of the	a programme, Ilar programme
	Elective, Programme Core, Programme Elective, Open Elective etc.	This structured
	approach ensures that students receive a comprehensive education, cov courses/subjects while also providing options for specialized study with field.	in their chosen
	Course:	a number and
	course felers to a specific subject, typically identified by its course course title with a defined cullebug. It encompasses theory, subjects, pre-	e number and
	Mini Projects, or Major Projects that are normally included in the curriculu	m. Each course
	is assigned specific credits and learning outcomes, contributing to the ov	erall academic
D 2 10	Syllabus:	
K 5.10	A syllabus is a comprehensive document that outlines the learning obje	ctives, content.
	and structure of a specific course. It includes essential details such as the cou	rse 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,
	examduration, and prerequisites.	
	The syllabus also provides the course objectives, expected course outcor	nes (CO), CO-
	Programme Outcome (PO) mapping, prescribed textbooks, reference materi	als, assessment
	for both students and instructors detailing the learning expectations	rves as a guide
	methods for the course	and assessment
D 2 11	Sullabus Dovision and Undates.	
K 3.11	<i>i</i> The syllabus for any course shall typically be updated once in ev	very fourvears
	However, innovative elective courses, open electives, industry-linker	d electives, and
	industry-linked minors may be introduced as needed.	
	ii. The syllabus of any course offered in the curriculum can be modified	fied 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 recommen	dations of the
	relevant Board of Studies (BoS) and are subject to the approval of Council, with subsequent reporting to the Sundicate and the Board	the Academic
D 2 12	Coulien, with subsequent reporting to the Syndicate and the Board	of dovernors.
K 3.12	The academic programmes of the University are based on 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 cred	its.
	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) perweek	1 credit

R 3.13	Credits shall be awarded for all courses listed in the curriculum. Course are classified into $1, 2, 3$ or 4 credit courses based on the chosen contents of the course based on the chosen contents.	es in the c	urriculum	
	and the desired depth of the course.			
	The delivery methods include Theory only. Theory with Tuto	rial. The	orv 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 conten	t delivery	
	in terms of Lecture (L), Tutorial (T), Practical (P), and Project (R) pe	r week.	-	
R 3.14	Self-Study Hours (SS): In addition to lecture, tutorial, practical/practice	e, and proj	ect hours,	
	the curriculum includes Self Study Hours. Self-Study Hours refer to the	e time stu	idents are	
	instruction.	inequied (classroom	
	These activities may include reviewing lecture notes, completing assi	gnments,	engaging	
	in further reading, practicing problems, or working on projects with	out direct	guidance	
	from instructors or tutors. The Self Study Hours per week for each co	ourse are o	calculated	
	as: 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	o one of t	he ten	
	categories as outlined in the table below.			
	Sl. Category	Code	Breakup	
	No.		0f 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	
D 2 16	I otal Credits	ahaaan di	170	
K 3.10	branch of study. These core courses must be mandatorily taken by the	student to	fulfil the	
	branch of study. These core courses must be manuatorny taken by the	student to	iuiiii uic	
	requirements of the programme and include both theory-only and la	b-only		
	requirements of the programme and include both theory-only and lal courses.	b-only		
R 3.17	requirements of the programme and include both theory-only and lal courses. Project-Based Learning (PBL) is integrated into the curriculum across	b-only various di	isciplines,	
R 3.17	requirements of the programme and include both theory-only and lal courses. Project-Based Learning (PBL) is integrated into the curriculum across with specific courses designed to focus on project-based activities.	b-only various di Fhese proj	sciplines, jects shall	
R 3.17	requirements of the programme and include both theory-only and lal courses. Project-Based Learning (PBL) is integrated into the curriculum across with specific courses designed to focus on project-based activities. align with the course objectives and learning outcomes. Studen	b-only various di These pro nts are re	sciplines, jects shall quired to	
R 3.17	requirements of the programme and include both theory-only and lal courses. Project-Based Learning (PBL) is integrated into the curriculum across with specific courses designed to focus on project-based activities. align with the course objectives and learning outcomes. Studen undertake project(s) related to the course in consultation with the fac	b-only various di These pro nts are re culty conc	isciplines, jects shall quired to erned and	
R 3.17	requirements of the programme and include both theory-only and lal courses. Project-Based Learning (PBL) is integrated into the curriculum across with specific courses designed to focus on project-based activities. align with the course objectives and learning outcomes. Studen undertake project(s) related to the course in consultation with the fac complete the project(s) within the semester. Theoptimal size for a pro- four members. The curriculum of each programme includes four areas	b-only various di These proj nts are re culty conc oject grou	sciplines, jects shall quired to erned and p shall be	
R 3.17	requirements of the programme and include both theory-only and lal courses. Project-Based Learning (PBL) is integrated into the curriculum across with specific courses designed to focus on project-based activities. align with the course objectives and learning outcomes. Studen undertake project(s) related to the course in consultation with the fac complete the project(s) within the semester. Theoptimal size for a pro- four members. The curriculum of each programme includes four project	b-only various di These pro nts are re culty conc oject grou ct-based c	isciplines, jects shall quired to erned and p shall be 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 branchof study.
R 3.19	<i>Levels and Multilevel Courses in B. Tech. Curriculum:</i> 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 manced understanding of the subject matter equipping them with the necessarytools to excel in
	both academic and professional environments
	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 necessarytools to excel in
	both academic and professional environments.
R 3.20	Under the Programme Electives category, courses are offered at both Level 3 &5.
	i. 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
	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
D 2 21	higher levels are assessed through the Continuous Internal Evaluation component.
K 3.21	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 courseis 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
R 3 22	Students may choose to enrol in any of the Level 3 or Level 5 courses offered by the
K 3.22	Department.

	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).
	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 3credits.
R 3.24	Credit Award for Level 5 Courses
	A student registered for a Level 5 course shall be awarded 2 additional credits onlyif
	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
	CIEcomponent 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
	CIEmarks are combined.
	If either of these conditions is not fulfilled, the student will be awarded only 3credits.
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
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
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
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
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 3.26	 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. i. Students are prohibited from registering for OE courses if there is more thana 30%
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. i. Students are prohibited from registering for OE courses if there is more thana 30% overlap in syllabus content with the courses they are pursuing in their Major, Honours,
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. i. Students are prohibited from registering for OE courses if there is more thana 30% overlap in syllabus content with the courses they are pursuing in their Major, Honours, or Minor programmes.
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. i. Students are prohibited from registering for OE courses if there is more thana 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
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. i. Students are prohibited from registering for OE courses if there is more thana 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:
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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor,
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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, or Honours programmes.
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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, or Honours programmes. There must be at least a 70% difference in syllabus content compared to the
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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, 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 3.26 R 3.27 R 3.28	 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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, 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 3.26 R 3.27 R 3.28	 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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, 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. 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 apacific field of an environment the course of the
R 3.26 R 3.27 R 3.28	 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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, 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. 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 and correction.
R 3.26 R 3.27 R 3.28	 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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, 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. 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 accelering locaring and real world industries.
R 3.26 R 3.27 R 3.28	 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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, 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. 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
R 3.26 R 3.27 R 3.28	 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. i. Students are prohibited from registering for OE courses if there is more thana 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 theirMajor, or Honours programmes. There must be at least a 70% difference in syllabus content comparedto the courses they are taking in their Major, Honours, or Minor programmes. 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	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
R 3.31	i. 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.
	ii. 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.
	of the University for final review and approval. A course shall be offered only after it
	of the Oniversity for final review and approval. A course shall be offered only after it
D 2 22	Assessment of Industry Linked Flectives:
K 5.52	i The preparation of assessment plan and its implementation for ILE shall be
	conducted at the college level.
	ii. 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.
	iii. These documents shall be subject to verification by an external auditorduring the
	audit process and must be produced to the university upon request.
D 0 00	
R 3.33	Industry Linked Electives offered by the University:
	northers/Government agencies and Organizations shall be responsible for designing
	the syllabi for Industry Linked Electives that are offered by the University
	ii Affiliated colleges have the option to subscribe to the ILF courses that have been
	designed by the BoS and approved by the Academic Council of the university
	iii These courses shall be made available to selected colleges that meet the prerequisites
	and conditions specified by the university and the industry partner.
	iv. Upon subscription, the responsibility for offering the course to students shalllie
	with the college and the industry partner.
	v. In instances where an ILE is offered as a common course across multiplecolleges, 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 asemester
	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 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.
	 i. Alternate Elective Course: The student may choose to register for an alternate elective course that is available and offered to the current batch. ii. 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	<i>Elective Course Change After the Normal Programme Duration:</i> 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 coreal 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 i. 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. ii. 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 4 3	Course Pre-Reauisites:
	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/seminarreports and presentations shall be in English.
	4. Maximum Duration for 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. ii. Automatic Cancellation: 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.
	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. ii. The Principal, in consultation with the Head of the 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. iv. Faculty members with less than five years of experience may be appointed as SFA only if more experienced faculty members are not available within the department. v. If there are insufficient faculty members to serve as Faculty Advisors (FAs), faculty from Science or Humanities disciplines may also be considered for these positions to ensure adequate support and guidance for students. vi. Regular communication with the parents of students regarding progress inacademic 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.

R 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.
	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, and personal issues.
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.
	ii. Record Maintenance: The course Faculty is responsible for maintaining all relevant
	records for the course, including answer books, attendance, and other essential
	documents for the students enrolled in the course.
	111. Conduct of Classes: The faculty shall conduct classes according to the University
	Academic Calendar and the teaching/learning timetable issued by the Head of
	Department.
	1v. Course and Evaluation Plan Distribution: The course faculty shall provide a course
	plan and evaluation plan, including course objectives and background materials, to
	an 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
	vi. Documentation and Communication of Fertormance. The course faculty is
	communication of results to students including posting results on notice boards as
	stipulated by the University's regulations
	wi 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 'FF' grade at the
	end of the semester
L	chu or me semester.

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 department who 						
	is generally not teaching that particular class, along with the Faculty						
	Advisors.						
	 Student members: A minimum of eight student representative from all 						
	genders.						
	11. Class Committee Meetings:						
	• The class committee shall convene at least twice during the semesterto:						
	• Interact and express opinions and suggestions to improve the						
	effectiveness of the teaching-learning process.						
	• Analyze the performance of the students in assessments and iscuss						
	• Discuss other problems food by the students in classrooms						
	• Discuss other problems faced by the students in classrooms,						
	The first meeting shall be held within two weeks from the date of						
	• The first meeting shall be neter 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						
	• 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 non-academic issues faced						
	by students.						
	• 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. WITHUES AND ACTION TAKEN REPORTS: The SEA shall maintain minutes and action taken reports for all machines						
	• The SFA shall maintain minutes and action taken reports for an meetings. These records must be approved by the HoD and Dringingland be medeaucilable to						
	academic auditors and the University upon request						
R 5 7	Academic auditors and the oniversity upon request.						
K J.7	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 attendanceshall be granted to students as menstrual leave. iv. PWD Attendance Relaxation: A 5% relaxation in attendance shall begranted 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.
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 attendancefor verification by Academic Auditors/University officials. iii. This provision is applicable only for any two semesters during the normal programme duration. Attendance Condonation Fee: iv. 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: i. Principals are authorized to grant attendance relaxation (duty leave) tostudents

	representing the college and Zone in officially sponsored competitions, ev	vents,
	championships, or tournaments.	
	ii. Maximum Allowable Relaxation: Attendance relaxation is allowed up to a	
	maximum of 10% for eligible students.	
	iii. If a student represents the Zone, they must produce participation certificates	from
	the university officials to claim duty leave. For sports activities, this certifica	ite
	should be countersigned by the University Sports Coordinator or the Director	r of
	Physical Education For other extracurricular activities the certificate should	l he
	countersigned by the Officer in charge of the event at the University or the D)ean
	(Academics)	, cull
	iv Students participating in college-level events must produce participation	
	rv. Students participating in conege-rever events must produce participation cartificates countersigned by the Officer in charge of the event at the college	
	Submission Process for Participation Cartificates: All participation cartificates	•
	v. Submission Flocess for Fancipation Certificates. An participation certificate should be forwarded to the Dringingl with recommendations from the Senior	55
	Should be forwarded to the Frincipal with recommendations from the Semon	
	Faculty Advisor, Head of the Department, and the College Union Advisor/D	ean
	(Academics)/Dean (Student Affairs) of the college.	1
	vi. The participation certificates must be submitted within ten days of the event,	and
	late applications will not be considered under any circumstances.	
	vii. Requests for relaxation of attendance will be considered only at the end of th	ie
	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-cu	rricular
	activities, up to a maximum of 10%.	
	ii. For university-level events, students must produce the required docu	uments
	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 C	College
	Union Advisor.	
	iv. The participation certificate should be forwarded to the Principal	l with
	recommendations from the Senior Faculty Advisor, Head of the Departme	nt, and
	the Dean (Academics)/Dean (Student Affairs) of the college.	
	v. The participation certificates/documents must be submitted within ten days	s of the
	event, and late applications will not be considered under anycircumstance	es.
	vi. Requests for relaxation of attendance will be considered only at the end of	f the
	semester	
P 6 5	i Special Leave for Participation in International Events and Republic Day Par	adas
K 0.5	The period of participation in international events and Republic Day par	ades.
	including attendance at coaching or training comps and travel a	while
	representing the University or State or Country with prior approval she	vill bo
	considered as special leave	ui de
	ii Special Leave for Derticipation in Inter University Tournements/ Notional	land
	In. Special Leave for Falticipation in finer Oniversity Fournaments/ National	i allu
	International Events.	
	• Special Leave Englointy. The days of participation in Inter-Onive	
	tournaments or representing the University, State, or Country in office	
	sponsored competitions, championships, or events shall be considered	ed as
	special leave for the students involved.	1 1
	• Prior Permission: Students must obtain prior permission from the Principa	1 and
	University Events Coordinator, before participating in the Inter University	ersity
	tournaments/events.	
	• Certificate Submission: After the event, students must submit particip	ation
	certificates, duly signed by the University Events Coordinator, within ten	days
	of the event. Special leave requests without prior permission, particip	ation

	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 students 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 Ontion 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							
	8^{th} 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							
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
	J. Π VIC COURSES - 1: 1 A Laboratory Courses 1: 1							
	5 Project - CIE only							
	6 Internship - CIE only							
	7. Seminar - CIE only							
1								

R 7.4	The evaluation scheme for theory courses, theory and lab-embedded courses, labcourses,					
	seminars, mini projects, projects, and health and wellness courses shall be clearly outlined					
	and published in the syllabus of each programme.					
R 7.5	<i>i.</i> 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.					
	ii. 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 will be permitted for students on valid grounds. These retests shall be					
	conducted within a week of the original test dates as far as possible.					
	iii. 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 atte 						
	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 Mark 						
	 Above 70% but less than 75% Attendance: 2 Marks 					
	 Above 60% but less than 70% Attendance: 1 Marks 					
	 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 (Semester 7 & 8):					
	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 computer shall be publisheder						
	The CIE marks obtained by students for all courses in a semester shall be published at least 7 days before the commencement of the University exeminations.						
	i Submission of Complaints: Any grievances or concerns, regarding the published						
	CIF 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.						
	ii. Resolution Process: The Head of Department, 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:						
	i. 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.						
	1. The University will define the procedure, which may include re-assessment,						
	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:						
	i. 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,						
	ii Disciplinery Status: Students must not have any pending disciplinery actions						
R 7 11	The providents are expected to uphold disciplined and respectful behaviour at all times both						
K /.11	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 promptlyrecorded and						
	updated on the KTU portal.						
	ii. The Principal or Head of the Institution is responsible for anyconsequences						
	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 Eligibility) grade and will be ineligible to appear for						
D 7 12	the ESE for that course.						
к /.15	Kegistration for Courses with "FE" Grade						
	pludents awarded all FE grade must register for the courses during the semesters in which						
	any semester provided those courses are offered by their institute						
	any semester, provided mose courses are oriered by men mistitute.						
1							

D 7 14	
K 7.14	 <i>Registration for Trailing "FE" Courses:</i> 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 Eligibility) 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 3.33, 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	 <i>"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. Absence Due to Health Issues or Personal Emergencies: 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. 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. 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. Absence in Semester 8: If a student does not attend the ESE in Semester 8, an "F" Grade will beawarded, irrespective of the reasons for absence. Absence for Honours and Minor Examinations:
R 7.17	Grade will be awarded, irrespective of the reasons for absence.Pass Criteria for Courses:i.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). ii. 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 of earn						
	the credits.						
	ii. They shall not be permitted to re-register for the same course.						
R 7.20	Grading and Gra	Grading and Grade Card Information:					
	i. Letter Gra	i. Letter Grades: At the end of each semester, a student will receive a 'Letter Grade'					
	for every	for every course they have registered for during that semester. These letter grades					
	will reflec	t the student's perform	mance in each course.				
	11. Grading C	ii. Grading Criteria: Grading shall be based on the percentage of marks obtained by					
	iii Semester Grade Card: The semester grade card will include the grade foreact						
	course, alo	ong with the Semester	Grade Point Average (SGPA) for that semester.				
R 7.21		Grade	e and Grade Points				
	Grades	Grade Point (GP)	% of Total Marks Obtained in the Course				
	S	10	90% and above				
	A+	9.0	85% and above but less than 90%				
	A	8.5	80% and above but less than 85%				
	<u>B</u> ⁺	B^+ 8.0 75% and above but less than 80%					
	B 7.5 70% and above but less than 75%						
	C^+	C^+ 7.0 65% and above but less than 70%					
	С	C6.560% and above but less than 65%D6.055% and above but less than 60%P5.550% and above but less than 55%					
	D						
	Р						
	(Pass)	(Pass)					
	Below 50% overall (CIE + ESE)Or						
	F	0	Below 40 % for ESEOr				
	(Fail) 0 Absent for Honours/Minor ESE						
	FE		Failed due to lack of eligibility criteria.				
	Failed due to	0	Or				
	Eligibility)	0	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	First Class with	CGPA 8.0 and above				
	B. Tech. Degree	Distinction CGPA 8.0 and above					
	First Class CGPA greater than or equal to 6.5 and below 8.0						
	Equivalent Perce	ntage Mark shall be =	10 * CGPA				
R 7.22	Successful Cours	e Completion and Cre	dit Earned:				
	i. Passing	Grades: A student w	vill 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. 						

MARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25

R 7.23	Semester Grade Cards and Consolidated Grade Card (CGC):					
	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					
	iii. The grade card shall reflect the course name, course code, grades, and redits					
	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 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					
D 7 04						
K /.24	Issuance of Official transcripts (OI):					
	1. Official transcripts shall be issued to students both before and after the completion of the programme upon request and payment of the prescribed fee					
	ii. 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).					
	111. The Official Transcript issued before eight semester will include the grade card					
	the data of issuance					
R 7 25	Inclusion of Honours and Minor Credits in Consolidated Grade Card/Official Transcripts:					
10 7.25	i. The CGC and OT shall separately include the credits earned for Honours and					
	Minor courses, where applicable, highlighting the student's additional					
	achievements beyond the core curriculum.					
	ii. 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 O1.					
R 7.26	Examination Grade Sheet for Honours/Minor Courses:					
	the Examination Grade Sneet 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					
	i. Separate Grade Sheets: Separate grade sheets for honors and minor courses					
	will be accessible through the student's login, providing a clear overview of their					
	performance in each category.					
	<i>ii.</i> Content of the Grade Sheet: For minor and honors 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 7.27	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 GradePoint Average (CGPA) at the end							
	of the programme.							
	Eligibility Criteria:							
	i. Students with any history of 'F', 'FE', or 'Ab' grades are not eligible for the Position							
	Certificate.							
	n. Only	al programm	no nave on the duration	are eligible	quirements within the			
	iii The	certificate wi	11 be issued	are engine. I only after three months from	m the announcement of			
	the S	Semester 8 res	aults	i only after three months not	in the announcement of			
	iv The	ranking will h	he based on	the CGPA as of the date of the	he official publishing of			
	the t	osition ranki	ng No re-1	ranking will be entertained a	fter the issuance of the			
	certi	ficate	ing. 10 10-1	anking will be entertained a	iter the issuance of the			
	v. Any	disciplinary	action duri	ing the course of the progra	amme will disqualify a			
	stude	ent from recei	iving the po	osition certificate.				
	The Univers	sity reserves	the right to	o amend the policy or criter	ria for issuing position			
	certificates,	subject to cha	anges in aca	ademic regulations or other g	overning factors.			
R 7.28	Grade Impro	vement:						
	Students are	not permitted	d to improv	e the grades of a passed or s	uccessfullycompleted			
	courses.	I. I.	I I	<i>6 1</i>	J. I.			
R 7.29	Minimum Cı	umulative Crea	dit Requiren	nents for Registering to Higher	r Semesters:			
	Students mu	ist meet the f	following n	ninimum cumulative credit r	requirements to be			
	eligible for registration in higher semesters.							
	0	5 10 10 10						
		Total Credits			Minimum Cumulative			
		Allocated in	1	Minimum Cumulative	Creditsrequired for			
	G	the	Imulative	Credits required for Regular	B. Tech. LateralEntry			
	Semester	Curriculum	Credits	B. Tech. Students	Students			
	First	20	20	Not Applicable	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 \$1& \$2	Not Insisted			
	Sixth	23	139	Not Insisted	Not Insisted			
	Savanth	17	156	$\frac{27}{27} C_{\text{readita from S1 to S4}}$	15 Credits from \$2 and			
	Seventh 17 156 37 Credits from S1 to S4 15 Credits from S3 and S4							
	Eight	11	167	Not Insisted	Not Insisted			
R 7.30	Mandatory C	Course and Ex	amination K	Registration:				
	i. All	l students are	required to	register for the prescribed c	credits in each regular			
	semester unless they are on authorized leave from the institute.							
	ii. Course Registration and Exam Registration, as per the prescribed dates							
	announced in the Academic Calendar, are mandatory for every student.							
	iii. 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 7.31	 Minimum Attendance Requirement for Semester Advancement: i. Students will not be permitted to register for the next higher semester if they do not achieve at least 25% average attendance in the current semester 						
	ii. 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						
R 7.32	All matters pertaining to the conduct of End Semester Examinations (ESE), declaration of esults, revaluation, scrutiny, review, handling of malpractices, and related procedures hall be managed in strict accordance with the University Examination Manual						
R 7 33	CCTV Surveillance for End Semester Examinations						
10,000	i. All End Semester Examinations (ESE) shall be conducted under CCTV camera surveillance to maintain the integrity and security of the examination						
	ii. The Principal or Institution Head is responsible for ensuring that all video recordings and footages are securely stored at the college for the minimum						
	period specified in the University Examination Manual. These recordings						
	8. Challenge Courses						
C1 11							
Challenge C integral cor demonstrate conventiona principles c (PLAR), wh	courses, also referred to as "Challenge exams" or "Credit by Examination courses," are an nponent of the B. Tech. 2024 curriculum, designed to offer students the opportunity to e their knowledge and competency in specific courses without undergoing the al Continuous Internal Evaluation process. This approach is aligned with the of "Recognition of Prior Learning" (RPL) or "Prior Learning Assessment and Recognition" hich acknowledge the skills, knowledge, and experiences individuals have gained outside						
formal educ	cational settings.						
R 8.1	<i>Eligible Courses:</i> The courses eligible for Challenge examinations shall be clearly specified in the						
	Students may choose to attempt Challenge courses listed in higher semestersduring a ower 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 registerfor the Challenge examinations and prepare accordingly.						
R 8 /	Examplion from Continuous Internal Evaluation:						
K 0.4	 i. Students registered for a Challenge exam are exempted from Continuous Internal Evaluation and will be assessed solely through the End Semester Examination. ii. The grades will be awarded based only on the percentage of marks scored 						
	in the ESE.						
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. \mathbf{ii} . To be eligible to pass and earn the credit 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 theexar the scheduled date will not be allowed to re-take the Challenge exam for that co However, they may register for the remaining non-challenged courses listed in 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 thefaile								
R	8.9	cour Crec SGP	ses in regula lits earned f A/CGPA.	r semesters along with other stude for challenge courses shall not be	ents as a norr e considered	nal course. for calculating the		
R 8 R 8	3.10 3.11	Grac	e Marks sha	ll not be awarded for challenge co Eligible Challenge Courses and S	ourses. emester Avai	lability		
Sl. No.	Seme	ster	CourseType	Course Title (Course Name)	Credits	receding Semester from where the Challenge courses can be taken		
1	1 S2		BSC	Group Specific Mathematics-2	3	S1		
2	2 S2		BSC	Physics for Engineers Chemistry for Engineers	4	S1		
3	3 S2		ESC	Programming in C (Group A, B)	4	S1		
4	S	3	BSC	Group Specific Mathematics-3	3	S2		
5	S	4	BSC	Group Specific Mathematics-4	3	\$3		
6	6 S7		OE/PE	One OE and Two Level-3 PECourses	3 (Credit/ Course)	S5/S6		
7	7 S7 HMC		HMC	Elective	2	\$4/\$5/\$6		
8	8 S8		S8 OE/PE		OE/PE	One OE and One level-3 PE Courses	3 (Credit/ Course)	S5/S6/S7
9	9 S8 HMC		НМС	Organizational Behaviour and Business Communication	1	\$4/\$5/\$6/\$7		

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 of the current semester, registered by the student. 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 = \$\begin{bmatrix} z^n & (C_i \times GP_i) \\ z^n & z^n & C_i \\ z^n & z^n & C_i \\ z^n & z^n & z^n \\ z^n &		
	 Where: n is the number of courses in the semester. Ci' 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 <i>Cumulative Grade Point Average (CGPA)</i> 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. <i>CGPA Calculation:</i> 		
	$\sum_{i=1}^{m} C_i$		
	 Where: m is the total number of courses considered in the CGPA calculation. Ci' 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 course. 		
R 9.2	 CGPA Calculation for Students Admitted under the Lateral Entry Scheme: i. 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. ii. 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	i. Non-Computable Courses for SGPA and CGPA:		
--------	--	--	--
	• 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 x $10 = 89.5\%$).		
	10. Activity Credits Requirement for B. Tech. Students		
D 10 1	i A student must som 2 gradits by activaly participating in as sumicular and		
K 10.1	1. A student must earn 5 credits by actively participating in co-curricular and		
	University from time to time. The required activity points must be served from		
	2 decignated groups, as specified in the P. Tech surriculum		
	5 designated groups, as specified in the D. Tech. curriculum.		
	II. Regular B. Tech. students are required to acquire a minimum of 120 activity		
	points, with at least 40 points earlied from each specified group, to furth the		
	iii D. Tash lateral antry students are required to acquire a minimum of 00 activity		
	III. B. Tech. Interial entry students are required to acquire a minimum of 90 activity		
	2 optivity gradite mandeted by the curriculum		
	iv Students are required to maintain a file containing documentary proof of the		
	iv. Students are required to maintain a file containing documentary proof of the activities they have participated in attested by the Senior Faculty Advisorer		
	Eaculty Advisor		
D 10.0			
R 10.2	Inter-University and Scheme Migration Students:		
	inter-university and Scheme Migration students shall earn a minimum of 5 pointsper		
	semester in each specified group during their period of study at KTU.		
	11. Englointy for D. Teen. 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:		
	i. Fulfilled all the curriculum requirements within the stipulated duration of the		
	course.		
	ii. Minimum CGPA and Credits: Must have a minimum CGPA of 5.0 AND		
	should have minimum 160 credits including 3 credits from Activity Points.		
	iii. 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>i</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.		

MARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25

	 <i>ii.</i> 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. <i>iii.</i> Taking up a Fellowship in Foreign University/National and International Industry:
	 If the student is taking up a renowship at a foreign university, an institute of national importance, or in a national or international industry. 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. <i>iv.</i> 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: i. 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. <i>ii.</i> The break of study will take effect only after receiving final approval from the
	University.
R 12.3	 Duration of Break of Study: i. The normal duration for a break of study is 1 year. ii. In exceptional situations, Break of Study is permitted for a maximumduration 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
	 i. Students are not permitted to attend any regular classes offered by theinstitution during the break of study period. ii. Students are also not permitted to represent the institution or University inany technical or non-technical events during the break of study period. iii. 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 Examinationfor 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	<i>Classification of Student Status Post-Break of Study:</i> 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 thatthe 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. 	
K 13.4	promotion to the next semester alongside their peers.	
R 13.5	 <i>Rejoining After Uninformed Long Absence:</i> Rejoining for Students (Except First-Year): Students, except those in theirfirst year, are permitted to rejoin within a maximum period of one year following the marking of their 'Uninformed Long Absence on KTU portal. 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	<i>Rejoining Fee:</i> A rejoining fee, as fixed by the university, shall be collected from the student upon approval of their rejoining request.	
R 13.7	 <i>Removal from Roll List:</i> 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. However, a fee shall be collected from the students for the issuance of a cancellation certificate or migration certificate 	
	14. Scheme Migration	
R 14.1	Credit Transfer and Transitory Courses: In cases of readmission from the 2019scheme 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 andmake an appropriate decision based on these recommendations.	

D 14 2	; The	malariant Da	and of Studi	as of the University shall n	among a datailad tabla
K 14.2	1. The spec thor	vifying trans	sitory or equiparing the	ivalent courses for each B. curriculum and syllabus o	Tech. programme by f the 2019 and 2024
	sche	emes.	1. 0	11 11 11 11	
	11. The	Board of St er the 2019	udies may fa	wourably consider the credition the addition to the second s	ts earned by students
	aud	t or credit	courses, t	hat students need to com	plete under the new
	sche	eme			•
R 14.3	Rejoining A Scheme:	Rejoining After a Break of Study in Semesters 6, 7 and 8 for Students of the 2019 Scheme:			
	i. Stude	nts of the 20	19 Scheme	who rejoin in Semester 6, Sei	mester 7, or Semester
	8 afte	r a break o	of study sha	all be permitted to continue	e and complete their
	course	amme under	n occurs wi	thin the permitted time du	ation specified in the
	applic	able regulat	tions/univers	ity orders.	autonspectified in the
	ii. The c	college con	ncerned sha	ll be responsible for ma	aking the necessary
	arrang	gements to	support thes	se students in continuing a	and completing their
R 14 4	i Stude	nts who too	k a break of	study in Semester 1 of the	2019 Scheme will be
	allow	ed to rejoin	and register	afresh in Semester 1 under	the 2024 Scheme.
	ii. Stude	ents who too	k a break of	study during Semester 2 in	the 2019 Schemeare
	permi them	tted to rejoi	n Semester	1 under the 2024 Scheme.	This option enables
	alignr	nent with th	e 2024 Sche	me curriculum. Alternatively	, students may rejoin
	direct	ly in Semes	ter 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 Without Packlogs).				
	i. Audit Courses Requirement:				
	• Students of the 2019 Scheme who rejoin in Semesters 2, 3, 4, or 5 withoutany				
	backlogs are required to undergo only the audit courses identified by the				
	 There shall be no examinations or credit allocation for these audit courses 				
	ii. Total	Credit Requ	uirement Bas	sed on the Credits Earned fr	om 2019 Scheme:
		-			Total Credit
	II.			Total Academic Credits	Requirement Including
	Eredits	Credits	Paioining	Requirement	3 Credits from Activity
	Scheme)	(2024 Scheme)	Semester	Credits from 2019 scheme)	(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+23+22+21+17+1*=157	160
	6 23	23			
	7 15	17	NA	NA	NA
	8 17	11			~
	Digita	1101 Cours	se Requirem	ent*: Students of the 2019 S	Scheme who rejoin in
	of their academic requirements 1 credit from this course is included in the				
1	51 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: "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.
	 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 1/1 8	Annlicable Regulation and Mandatory Course Registration After Rejoining
K 14.0	 i. 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 theyrejoin will be applicable.
	ii. 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

R 15.1	i. Types of Minors: Minors can be offered in specialized areas, on a branch- wice 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 Minor 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 ILM 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.
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:i. Students are generally not allowed to register for minors offered by their
	 ii. 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		
	i Course Nomenclature: The course nomenclature differs significantly from the		
	courses in their Major and Honours programs.		
	<i>ii.</i> 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 optfor		
	a minor course offered by a department or departments.		
R 15.7	Minor Programme Selection Verification:		
	i. A scrutiny committee, consisting of the Senior Faculty Advisors (SFAs), KTU		
	(Academics) shall varify that the Minor programme selected by students		
	(Academics), shall verify that the winor programme selected by students complies with the guidelines R 15.3 to R 15.6		
	ii The College Council shall then verify and approve the final list submitted by the		
	scrutiny committee.		
	iii. The minutes of the scrutiny committee and College Council meetings shallbe		
	made available for verification by external auditors upon request.		
R 15.8	i. 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.		
	• 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:		
	1. Semester 3: 4 Credits		
	2. Semester 4: 4 Credits		
	3. Semester 5: 4 Credits		
D 15 0	4. Semester 0: 5 Credits		
K 15.9	Out of the 15 credits required for a Minor, / to 8 credits shall be earned by undergoing		
	credits can be acquired by		
	i. Undergoing 2 MOOCs recommended by the Board of Studies and approved		
	by the Academic Council, or		
	ii. Completing theory courses listed in the minor curriculum, or		
5 1 5 1 0	iii. 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 courses other than MOOCs and the earning of credits shall 		
	be as per regulations R 7 5 R 7 10 and 7 22, and also based on the guidelines and		
	assessment methods explained in the syllabus of the minorcourse.		
	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 15.12	Registration and Examination for Minor Theory Courses
	i. Mandatory Registration:
	• Registration for theory courses listed in the 3 rd and 4 th 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. Double Valuation:
	• The University shall conduct double valuation for all theory courses within the
	Minor curriculum to ensure accuracy and fairness in grading.
	iii. No Revaluation:
	• Revaluation will not be permitted for any of the theory courses in the Minor
	curriculum.
	iv. No Supplementary Examinations:
	• There shall not be any supplementary examinations for the theory courses listed
	in the Minor curriculum.
	v. 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
	vi. 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 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.
	• If students do not opt to complete MOOC courses, they must also register for
	une theory courses listed in the higher semesters.
	VII. Double valuation: • The University shall conduct double valuation for all theory courses within the
	• The University shall conduct double valuation for all theory courses within the Minor ourrigulum to oncure occurses and fairness in grading
	viji No Revoluction:
	 Revaluation will not be permitted for any of the theory courses in the Minor
	curriculum
	ix No Supplementary Examinations:
	There shall not be any supplementary examinations for the theory courses listed
	in the Minor curriculum
	x. 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
	xi. 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 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:	
	i. If a student does not achieve the mandatory 15 credits as specified in the Minor's 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.	
	ii. 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 thecourses 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.

0			
R 16.1	Eligibility and Qualification for B. Tech. (Honours):		
	i. All B. Tech. students are eligible to register for B. Tech. (Honours).		
	ii. The B. Tech. (Honours) registration shall be along with the registration of		
	the 4 th semester.		
	iii. 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		
	i. Credit Requirement:		
	• The student shall earn 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.		
	1. Semester 4: 4 Credits		
	2. Semester 5: 4 Credits		
	3. Semester 6: 4 Credits		
	4. Semester 7: 3 Credits		
R 163	Out of the 15 credits required for an Honours degree 4 credits must be earned by		
R 10.5	completing the first theory course listed in the Honours curriculum		
	The remaining 11 credits can be acquired by:		
	i Completing MOOCs recommended by the Board of Studies and approved by the		
	Academic Council or		
	readenine Coulien, or		

	11.Completing theory courses listed in the Honours curriculum, oriii.A combination of MOOCs and theory courses listed in the Honourscurriculum,
1	or
	iv. 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
	v. 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
11 1000	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
P 16.6	Registration and Examination for Honours Theory Courses
K 10.0	i Mandatory Registration:
	• Registration for theory course listed in the 1^{th} semester of the Honours
	• Registration for theory course listed in the 4 semester of the Honours
	• If students do not ont to complete MOOC courses, they must also register for
	• If students do not opt to complete MOOC courses, they must also register for the theory courses listed in the higher semesters
	ii Double Valuation:
	The University shall conduct double valuation for all theory courses, within the
	• The University shall conduct double valuation for all theory courses within the Honours curriculum to oncure accuracy and fairness in grading
	iii No Povoluation:
	 Revaluation. Payabution will not be permitted for any of the theory courses in the Honours.
	• Revaluation will not be permitted for any of the theory courses in the fionours
	iv No Supplementary Examinations:
	 There shall not be any supplementary examinations for the theory courses listed.
	in the Honours curriculum
	y Absence and Attendance Eligibility for Honours Courses:
	 If a student does not attend the End Semester Evamination (ESE) for Upnours
	courses an "F" Grade will be awarded irrespective of the reasons for absence
	• Students who fail to meet the minimum attendance eligibility requirement to
	• Students who fail to meet the minimum attenuance engionity requirement to appear for the ESE shall also be awarded an "E" Grade instead of an "EE"
	Grade
D 167	If a student fails in any source in the line the second of the D T 1 (U
K 10./	II a student fails in any course, including the course chosen for B. Tech. (Honours),
D 160	ne/sne shall not be eligible to continue the B. Tech. (Honours).
K 16.8	Conferment of "Bachelor of Technology (Honours)"
	Ine Bachelor of Technology (Honours) in [Major]" will be conferred upon
	students if they satisfy all the following conditions:
	1. CGPA Requirement
	• The CGPA at the end of the eighth semester shall be greater than or equal to
	11. 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	
	111. 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.	
	 All academic requirements for the award of the Honours degree must be 	
	• All academic requirements for the award of the fiolodis degree must be completed within the normal programme duration of 4 years	
P 16.0	Grace Marks shall not be awarded for Honours courses	
R 10.9	If a student who has registered for an Hangura programme dass not become clicible for	
K 10.10	the Honours degree, the credits for the completed Honours programme does not become engine for 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 Honors 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	
D 15 5	concerned Minor/Honours/Major course.	
R 17.5	MOOC Approval:	
	1. Proposal Submission:	
	• Submission Deadine: Colleges annualed with the University must submit	
	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 15(B.	
	The Dringing shall forward the review report and sullabus comparison report	
	• The Efficiency of the recommendations of the IOAC 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 R 17.8	 Selection and Review of MOOC: i. Guidelines for MOOC Selection: The Board of Studies shall issue clear guidelines for selecting MOOCs from an approved list. ii. 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. iii. 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. MOOC Selection Verification: A scrutiny committee, consisting of the Senior Faculty Advisors (SFAs), KTU Coordinator, Heads of Departments, IQAC Convenor, and the Dean (Academics), shall 					
- 1- 0	verify that the MOOCs selected by students comply with the guidelines R 17.1to R 17.7.					
R 17.9	 MOOC Course Registration and Grading: i. Students may register for and complete a MOOC included in the curriculum of their programme (Major, Honours, and Minor) in any lower semester. ii. 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	 <i>Completion of Honours and Minor MOOCs within Normal Programme Duration:</i> 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 orMinor 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 inwhich 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: i. 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. ii. 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. 					

	iii. Maximum Marks Condition: The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course						
	<i>iv.</i> 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 snall be eligible for the award of grace marks.						
	111. Semester Period Consideration: Grace marks will be allocated based on the semester period (Odd or Even) or published by the University for each semester period.						
	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:						
	i. The request for Grace Marks shall be submitted to the Controller of						
	Examinations through the Principal, accompanied by all relevant documents.						
	11. The submission must be made within the timeframe prescribed by the						
	University.						
	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,						
	integrated and adhered to in the B. Tech 2024 regulations						
D 10.0	Integrated and adhered to in the B. Teen. 2024 regulations.						
R 19.2	Awarding Grace Marks for PWD Candidates:						
	i. F wD calculates who are eligible for Grace Marks shall be awarded these marks for both regular and supplementary examination attempts until they						
	narks for bour regular and supprementary examination attempts until they nass the entire examination.						
	ii. 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 theresults.						
	iii. 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.						
	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: The request for Grace Marks shall be submitted to the Controller of i. 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 isnot allowed in the first year of admission. R 20.2 The transfer shall be permitted after the completion of second semester i. examinations and before the commencement of third semester classes. ii. Candidates must fulfil the academic eligibility requirements for promotion to the third semester. The students shall opt only one college for inter college transfer. iii. The transfer shall be with effect from the first working day of the third iv. semester R 20.3 Intercollege 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 ransfer 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 Govt. of India Nominee. i. ii. Lateral Entry Students. Students admitted in any supernumerary seats other than EWS. iii. Any other category ineligible as per conditions for admission prescribed by the iv. 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) Private Self-Financing Colleges (merit seats) v. vi. Govt. Cost Sharing colleges (Merit-Full Fee to Merit-Lower Fee) vii. Govt. Cost Sharing colleges (Merit-Full Fee to Merit-Full Fee) viii. Management quota in Private Self-Financing Colleges ix. Students admitted under NRI quota in Govt. Cost Sharing colleges Students admitted under NRI quota in Self-financing Colleges х.

R 20.9	Inter-C	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 Colle						
	If the transfer involves moving to a Merit (Lower Fee) seat, the Principal of						
	than the first-ranked student in the Merit (Higher Fee) category within the cat						
		branch at the college. If this criterion is not met, such students will only h					
	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	n Based on KEAM Rank:					
	If the nu	mber 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					
	Architec	ture Medical Entrance Exam.					
R 20.11	Candida	tes 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					
D 20 12	within th	The stipulated date to process the application.					
R 20.12	1.	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					
	subject to the conditions supulated in the regulations, will be final and bindle 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	Exceptio	nal Circumstances for Inter-College Transfer:					
	in the e	vent of extraordinary circumstances, such as nearin issues, closure of aconege,					
	the Univ	versity reserves the right to facilitate the transfer of students from one affiliated					
	institution or college to another affiliated institution or college offering the						
	disciplin	e/branch at any time during the continuation of the programme.					
R 20.15	Timeline	e for Inter-College Transfer Process:					
	All inter	-college transfer processes shall be completed within 30 working daysfrom					
	the date	of commencement of semester classes.					
		21. Migration from other Universities					
R 21 1	Migra	tion to API Abdul Kalam Technological University from other universities shall					
	be per	mitted under the following conditions:					
	i. I	Ranking Requirement: The parent institution must be ranked in the Engineering					
	0	category of the National Institutional Ranking Framework(NIRF) or within the					
	t	op 1000 in the QS, THE, or ARWU World University Rankings. This ensures					
	t t	hat the parent institution meets recognized standardsof academic excellence.					
	11. I	Exceptions for Non-Kanked Institutions: In cases where the parent university					
	1	pipers not meet the above ranking cineria, inigration may suil be allowed if a piperstate agreement or Memorandum of Understanding (MoU) has been					
		established between the parent university and API Abdul Kalam Technological					
	U T	University for this purpose.					

R 21.2	i. Students from both Indian and foreign universities are eligible to apply for				
	inter-university transfer.				
	11. If the transfer is from a foreign university, the institution must be approved				
	iii The transfer process for all applicants shall adhere to the standard procedures				
	outlined by APIAKTU 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:				
	1. Regulations, Scheme, and Syllabus of the respective specialization, attested				
	by the Registrar of the parent University of an equivalent authority. Attested comiss of all certificates and mark lists from 10^{th} grade onwords				
	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 migrat				
	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				
R 21.0	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.				
	11. Payment Schedule: • The processing for must be paid along with the application				
	 The processing fee must be paid along with the application. The migration fee is due at the time of admission offered by the University. 				
	• The inigration fee is due at the time of admission offered by the University.				
	 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.
			advanced courses or different courses completed by the student at the parent Institution when identifying transitory courses.
		111.	Limit on Transitory Courses: The maximum number of transitory courses that can be allowed is 6.
		IV. V	necessary, the matter must be further decided by the Academic Council. 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:
		Studen 3.42) v	ts transferred from other universities shall not be subject to any credit limit(R. when registering for courses, including transitory courses, in a semester.
	R 21.15	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.	Transcripts Issued by KTU: The transcripts issued by APJ Abdul Kalam Technological University will only include the courses, credits, and grades
			completed at KTU.
		iii.	Exclusion of Detailed Listing: The transcripts will not include a detailed listing or breakdown of individual courses for transferred credits.
		iv	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)'.
-	P 21 16	Manda	town Course Projection After Inter University Transfer,
	R 21.10	Studen	ts shall be required to register for and complete all the courses listed in the
		curricu	lum along with other students as per the B. Tech. 2024 regulation, irrespective of
		the sen	nester in which they rejoin.
			22. Student Exchange Programme
	R 22.1	i.	Exchange programmes shall be conducted with Institutes of NationalImportance (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 pr	ogramme is open to students in their 3 rd /1 th year for undergraduate studios
╞	N 22.3	rne pr	ogramme is open to students in men 5 /4 year for undergraduate studies.
	K 22.4	Dura	tuon for Student Exchange Programme:
		1.	The exchange programme shall have a minimum duration of one semester and
			may extend up to a maximum of two semesters.
		11.	Two-year student exchange programmes are permitted if an affiliated institution

	1						
	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 courses 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	Student	s participating in international exchanges are responsible for obtaining the					
	necessa	ry visas, arranging travel, accommodation, insurance, and fulfilling other					
	require	nents specified by the host university and host nation.					
R 22.8	Student	s shall adhere to the code of conduct of both KTU and the host institution.					
R 22.9	Upon r	eturn, 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-						
	approve	ed by the university's academic council and successfully completed.					
R 22.10	Credi	t Transfer and CGPA Calculation Policy for Student Exchange Programme:					
	i.						
	towards fulfilling the minimum credit requirements of the R Tech programme						
		The number of credits transferred from the host institution shall be counted towards fulfilling the minimum credit requirements of the B. Tech. 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.					
	ii.	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. Transcripts/CGC issued by APJ Abdul Kalam Technological University will					
	ii.	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. Transcripts/CGC issued by APJ Abdul Kalam Technological University will only list the courses, credits, and grades completed at KTU.					
	ii. iii.	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. 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					
	ii. iii.	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. 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.					
	ii. iii. iv.	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. 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 will not be included in the calculation of the Cumulative					
	ii. iii. iv.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA).					
	ii. iii. iv. v.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). The credits transferred from the host institution will be indicated as a total at					
	ii. iii. iv. v.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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					
	ii. iii. iv. v.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'.					
	ii. iii. iv. v. v.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement:					
	ii. iii. iv. v. v.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement: The transferred credits from [Name of the Institute/University, place and					
	ii. iii. iv. v. v.	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement: The transferred credits from [Name of the Institute/University, place and Country] have not been considered in the calculation of the CGPA					
R 22.11	ii. iii. iv. v. vi. If equiv	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement: The transferred credits from [Name of the Institute/University, place and Country] have not been considered in the calculation of the CGPA ralent courses cannot be identified or successfully completed during the exchange,					
R 22.11	ii. iv. v. vi. If equiv students	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement: The transferred credits from [Name of the Institute/University, place and Country] have not been considered in the calculation of the CGPA alent courses cannot be identified or successfully completed during the exchange, s shall be required to complete additional courses recommendedby the Board of					
R 22.11	ii. iv. v. vi. If equiv students Studies	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement: The transferred credits from [Name of the Institute/University, place and Country] have not been considered in the calculation of the CGPA alent courses cannot be identified or successfully completed during the exchange, s shall be required to complete additional courses recommendedby the Board of (BoS) upon their return to KTU to fulfil their academic requirements.					
R 22.11 R 22.12	ii. iv. v. vi. If equiv students Studies To faci	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. 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 will not be included in the calculation of the Cumulative Grade Point Average (CGPA). 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)'. The CGC and OT for these students shall also include the following statement: The transferred credits from [Name of the Institute/University, place and Country] have not been considered in the calculation of the CGPA ralent courses cannot be identified or successfully completed during the exchange, s shall be required to complete additional courses recommendedby the Board of (BoS) upon their return to KTU to fulfil their academic requirements. litate the smooth transfer of KTU credits to foreign universities, the					

R 22.13	Compliance with Government and AICTE Orders for Student Exchange							
	Programmes:							
	on student exchange programmes.							
	23. Internships at KTU							
R 23.1	R 23.1 Students at KTU are permitted to undertake two types of internships:							
	1. Short-Term Internships 2. Long Term Internships							
P 23 2	2. Long rorm Internships.							
K 23.2	• 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 7 th or 8 th 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							
	i 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.							
	ii. Remaining Courses:							
	Eligible students must have only the following courses pending:							
	• Seminar in Semester 7.							
	• Project/Internship in Semester 7 and 8.							
	iii. Internship Approval: Students meeting the above eligibility criteria may join							
	a one-year internship, provided they also satisfy all other eligibility							
	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 long-term 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:							
	1. The detailed guidelines and eligibility conditions for internships, including both short term and long term antional shall be published apparently by the University							
	ii 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							
K 23.0	term and long-term internshins							
	24. Ombudsperson							
D 04 1	The University shall encount on Ombudanesson in accordance with the manifolder							
K 24.1	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							

25. Overriding Provisions.

R 25.1	Notwithstanding anything contained in these regulations, the appropriate statutory bodie
	of the University shall have the power to amend, modify or repeal any of thes
	regulations from time to time.

B.TECH PROGRAMME – FIRST YEAR (2024 scheme)

1. Grouping

APJ Abdul Kalam Technological University offers various engineering branches that can be grouped

into four broad categories based on their specialization.

Group	Branches								
A Computer and Information Science	 Computer Science and Engineering Artificial Intelligence Computer Science and Engineering (Artificial Intelligence) Computer Science and Engineering (Artificial Intelligence and Machine Learning) AI and Machine Learning Artificial Intelligence and Data Science CS and Business Systems CS and Design Cyber Security 	 Information Technology Computer Science and Engineering and Business Systems CSE (Data Science) CSE (Artificial Intelligence and Data Science) CSE (Internet of Things), CSE(IoT) CSE (Block Chain) CSE (Cyber Security) CSE (IoT and CS including Block Chain Technology) 							
B Electrical Science	 Electronics & Communication Engineering Electrical and Electronics Engineering Electronics and Biomedical Engineering Biomedical Engineering Electronics & Instrumentation Engineering Instrumentation and Control Engineering Applied Electronics & Instrumentation Engineering Cyber Physical System. 	 Electronics and Computer Engineering Electrical and Computer Engineering Electronics and Communication (Advanced Communication Technology) Electronics Engineering (VLSI Design and Technology) Biomedical and Robotics Engineering Robotics and Artificial Intelligence Robotics and Automation 							
C Physical Science	 Civil Engineering Chemical Engineering Civil and Environmental Engineering Mechanical Engineering (Auto) Mechanical Engineering (Automobile) Automobile Engineering Mechatronics Engineering Production Engineering 	 Aeronautical Engineering Agriculture Engineering Industrial Engineering Metallurgical & Materials Engineering Naval Architecture & Ship Building Engineering Polymer Engineering. Safety and Fire Engineering 							
D Life Science	BiotechnologyFood Technology	 Biotechnology and Biochemical Engineering 							

2. Course Category

University Core (UC): The university core is a compulsory set of courses for all B. Tech students, which includes basic courses in Humanities and Computer Science.

> University Elective (UE): These are elective courses from a basket of courses in the

Humanities and Social Sciences.

Group Core (GC): Courses listed under Group Core of a curriculum are group specific. These

courses ensure that students gain specialized knowledge and skills in their chosen field of study.

	FIRST SEMESTER (July-December): Group A													
	10 Days Compulsory Induction Program and UHV													
SI.	Slot	Course	e Type	e iry	Course Title (Course Name)	Credit Structure		ireSS		SS	Total Marks		Credits	Veek
190:	•1	Code	Course	Cours Catego		L	Т	Р	R		CIA	ESE		Hrs./V
1	Α	GAMAT101	BSC	GC	Mathematics for Information Science-1	3	0	0	0	4.5	40	60	3	3
2	B	GAPHT121	BSC	GC	Physics for Information Science	3	0	\mathbf{r}	0	5 5	40	60	4	5
2	S1/ S2	GXCYT122	DSC	uc	Chemistry for Information Science	5	5 0 2	2	0	5.5	40	00	4	3
3	C	GMEST103	ESC	GC	Engineering Graphics and Computer Aided Drawing.	2	0	2	0	4	40	60	3	4
4	D	G <mark>X</mark> EST104	ESC	GC	Introduction to Electrical & Electronics Engineering (part 1: Electrical Engineering)	2	0	0	0	3	20	30	2+2=4	4
					(Part 2: Electronics Engineering)	2	0	0	0	3	20	30		
5	F	UCEST105	ESC	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4	5
6	L	GXESL106	ESC	GC	Basic Electrical and Electronics Engineering Workshop	0	0	2	0	1	50	50*	1	2
_	I**	UCPWT127	PW		Health and Wellness	1	0	1	0	0	50	0		
7	S1/ S2	UCHUT128	HMC	UC	Life Skills and Professional Communication	2	0	1	0	3.5	100	0	1	2/3
8	S ₁ / S ₂	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	мс	OC			2			-	
	Total $\frac{30}{32}$ 20 $\frac{25}{26}$													
	Bridge Course (Mathematics or Introduction to Computer Science) *: Total 15 Hrs.													

*Internal evaluation by college.

**No Grade Points will be awarded for the MOOC course and I slot course.

- > L-T-P-R: Lecture-Tutorial-Practical-Project
- > SS (Self Study) Hours= 1.5L+0.5T+0.5P+R
- > CIA: Continuous Internal Assessment, ESE: End Semester Examination

	Digital 101 (NASSCOM)						
Sl. No:	Technologies Covered	Hours					
1	Artificial intelligence and Big Data Analytics (AI/BDA)	11					
2	Internet of Things (IoT)	2.5					
3	Cyber Security	2.5					
4	Block Chain	2.5					

HANDBOOK 2024-25

5	Robotic Process Automation	1.5
6	Augmented Reality and Virtual Reality (AR and VR)	2.5
7	Cloud Computing	2.5
8	3 D Printing and Modelling	2
9	Web, Mobile Dev and Marketing	2
10	Responsible AI	1
	Total Hours	30

Note: Physics, Chemistry, Health and Wellness & Life Skill and Professional Communication can be offered in both Semester 1 (S1) and Semester 2 (S2). Institutions are encouraged to guide approximately 50% of their branches to choose between Physics or Chemistry (Slot B) and Health and Wellness or Life Skill and Professional Communication (Slot I) in Semester 1.

IO Days Compulsory Induction Program and UHVSl. No: $\overline{50}$ Course \overline{Code} $\overline{50}$ $\overline{50}$ $\overline{50}$ $\overline{50}$ Course Title (Course Name) \overline{Credit} \overline{t} \overline{T} P R \overline{Crad} \overline{Marks} 1AGYMAT101BSCGCMathematics for Electrical Science-130004.540602 $\overline{S1}$ $\overline{GBPHT121}$ $\overline{GXCYT122}$ BSCGCPhysics for Electrical Science Chemistry for Electrical Science30205.540603CGMEST103ESCGCEngineering Graphics and Computer Aided Drawing.2020440604PGXEST104ESCGCIntroduction to Electrical & Electronics Engineering (part 1: Electrical Engineering)200032030	FIRST SEMESTER (July-December): Group B													
SI. No: \overline{y} \overline{Code} \overline{y} 	10 Days Compulsory Induction Program and UHV													
No:O: </th <th>Credits</th> <th>Veek</th>	Credits	Veek												
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Hrs./V												
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	3	3												
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	4	5												
3 C GMEST103 ESC GC Engineering Graphics and Computer Aided Drawing. 2 0 2 0 4 40 60 4 D GXEST104 ESC GC Introduction to Electrical & Electronics Engineering (part 1: Electrical Engineering) 2 0 0 0 3 20 30 (Dest 2: Electronics Engineering) (Dest 2: Electronics Engineering) 2 0 0 0 3 20 30	4	3												
4 D GXEST104 ESC GC Introduction to Electrical & Electronics Engineering (part 1: Electrical Engineering) 2 0 0 0 3 20 30 (Part 2: Electronics Engineering) (Part 2: Electronics Engineering) 2 0 0 0 3 20 30	3	4												
(Part 2: Elastronias Engineering)	2+2=4	4												
$(Fat 2. Electronics Engineering) \qquad 22 \ 0 \ 0 \ 0 \ 5 \ 20 \ 50$														
5FUCEST105ESCUCAlgorithmic Thinking with Python30205.54060	4	5												
6 L GXESL106 ESC GC Basic Electrical and Electronics Engineering Workshop 0 0 2 0 1 50 50*	1	2												
I** UCPWT127 PW Health and Wellness 1 0 1 0 0 50 0		2/2												
$\begin{array}{ c c c c c c c c } \hline 7 & S1/\\ S2 & UCHUT128 & HMC & Life Skills and Professional Communication & 2 & 0 & 1 & 0 & 3.5 & 100 & 0 \\ \hline \end{array}$	1	2/3												
8 S ₁ /S ₂ UCSEM129 SEC UC Skill Enhancement Course: Digital 101(NASSCOM) MOOC 2	-													
Total $\frac{30}{32}$ 20 $\frac{25}{26}$														
Bridge Course (Mathematics or Introduction to Computer Science) *: Total 15 Hrs.														

*Internal evaluation by college.

**No Grade Points will be awarded for the MOOC course and I slot course.

Skill Enhancement Course: Digital 101 is an introductory Massive Open Online Course (MOOC) offered by NASSCOM. It is designed to provide students with foundational knowledge and skills in digital technologies, preparing them for further studies and careers in the digital domain. By incorporating the Digital 101 course into the curriculum, KTU ensures that

all students gain valuable digital skills early in their academic journey, enhancing their readiness for advanced courses and future careers in technology.

Course Registration and Completion:

- Students have the flexibility to register and complete the Digital 101 course either in their first semester (S1) or second semester (S2).
- The credit for this course (1 credit) will be officially recorded in the second semester grade card.

	FIRST SEMESTER (July-December): Group C													
	10 Days Compulsory Induction Program and UHV													
SI.	Slot	Course	e Type	e ory	Course Title (Course Name)	Cr Str	edit uctu	ire		SS	Total Mark	s	Credits	Veek
		Coue	Cours	Cours Catego		L	Т	Р	R		CIA	ESE		Hrs.//
1	Α	GYMAT101	BSC	GC	Mathematics for Physical Science-1	3	0	0	0	4.5	40	60	3	3
2	B \$1/	GZPHT121	BSC	GC	Physics for Physical Science	3	0	2	0	55	40	60	Δ	5
2	S1/ S2	GCCYT122	DSC	UC	Chemistry for Physical Science	5	0	2	0	5.5	40	00	-	5
3	С	GCEST103	ESC	GC	Engineering Mechanics	3	0	0	0	4.5	40	60	3	3
4	D	GCEST104	ESC	GC	Introduction to Mechanical Engineering & Civil Engineering (Part1: Mechanical Engineering)	2	0	0	0	3	20	30	2+2=4	4
					(Part 2: Civil Engineering)		0	0	0	3	20	30		
5	F	UCEST105	ESC	UC	Algorithmic Thinking with Python	3	0	2	0	5.5	40	60	4	5
6	L	GCESL106	ESC	GC	Engineering Workshop	0	0	2	0	1	50	50*	1	2
_	I**	UCPWT127	PW		Health and Wellness	1	0	1	0	0	50	0		a (a
1	S1/ S2	UCHUT128	HMC	UC	Life Skills and Professional Communication	2	0	1	0	3.5	100	0	1	2/3
8	8 S ₁ /S ₂ UCSEM129 SEC UC Skill Enhancement Course: Digital 101(NASSCOM) MOOC 2 -													
	Total 30/ 32 20 24/ 25									24/ 25				
	Bridge Course (Mathematics or Introduction to Computer Science) *: Total 15 Hrs.													

	SECOND SEMESTER (January-June): Group A														
SI. 5 Course No: Code		se Type	se ory	Course Title (Course Name)	Cro Str	Credit tructure		SS	Total Marks		Credits	Week			
		Cour	Cours Categ			Т	Р	R		CIA	ESE		Hrs./		
1	Α	GAMAT201	BSC	GC	Mathematics for Information Science-2	3	0	0	0	4.5	40	60	3	3	
2	B	GAPHT121	DSC	CC	Physics for Information Science	2	0	2	0	5 5	40	60	4	5	
2	S1/ S2	GXCYT122	DSC	GC	Chemistry for Information Science	3	U	2	U	5.5	40	00	4	5	
3	C	GXEST203	ESC	GC	Foundations of Computing: From Hardware Essentials to Web Design	3	0	0	0	4.5	40	60	3	3	
4	D	GXEST204	ESC	GC	Programming in C	3	0	2	0	5.5	40	60	4	5	
5	Е	PCXXT205	5 PC PC		Programme Core-1	3	1	0	0	5	40	60	4	4	
6	6 F UCEST206 ESC UC		UC	Engineering Entrepreneurship & IPR	3	0	0	0	4.5	60	40	3	3		

HANDBOOK 2024-25

	I**	UCPWT127	PW		Health and Wellness	1	0	1	0	0	50	0		
7	S1/ S2	UCHUT128 HMC UC		UC	Life Skills and Professional Communication		2 0 1		0	3.5	100	0	1	2/3
8	L	GXESL208	ESC	GC	IT Workshop	0	0	2	0	1	50	50*	1	2
	S1/ UCSEM129 SEC UC Skill Enhancement Course: Digital S2 101(NASSCOM) MOOC						1							
	Total 34								24	27/ 28				

	SECOND SEMESTER (January-June): Group B													
Sl. 5 Course		se Type	se ory	Course Title (Course Name)	Cro Str	edit uctu	ire	-	SS	Tota Marl	l KS	Credits	Week	
140.		Coue	Cours	Cours Categ		L	Т	Р	R		CIA	ESE		Hrs.//
1	А	GYMAT201	BSC	GC	Mathematics for Electrical Science-2	3	0	0	0	4.5	40	60	3	3
2	В	GBPHT121	DCC	00	Physics for Electrical Science	2	0	_	0		40	(0)	4	~
2	S1/ S2	G <mark>X</mark> CYT122	BSC	GC	Chemistry for Electrical Science	3	U	2	0	5.5	40	60	4	Э
2	C	GXEST203	ESC	CC	Foundations of Computing: From Hardware Essentials to Web Design	2	0	0	0	4.5	40	60	2	2
3	3 C GBEST213		GC	Engineering Mechanics (EEE, CP, BR, RA & RU)	5	U	0	0	4.3	40	00	5	5	
4	D	GXEST204	ESC	GC	Programming in C	3	0	2	0	5.5	40	60	4	5
5	Е	PCXXT205	PC	PC	Programme Core-1	3	1	0	0	5	40	60	4	4
6	F	UCEST206	ESC	UC	Engineering Entrepreneurship & IPR	3	0	0	0	4.5	60	40	3	3
	I**	UCPWT127	PW		Health and Wellness	1	0	1	0	0	50	0		
7	S1/ S2	UCHUT128	HMC	UC	Life Skills and Professional Communication	2	0	1	0	3.5	100	0	1	2/3
8	L	GXESL208	ESC	GC	IT Workshop	0	0	2	0	1	50	50*	1	2
	S_1/S_2	UCSEM129	SEC	UC	Skill Enhancement Course: Digital 101(NASSCOM)	МС	000						1	
	Total								34			24	27/ 28	

*Internal evaluation by college., **No Grade Points will be awarded for the MOOC course and I slot course.

	SECOND SEMESTER (January-June): Group C													
Sl. 🗧 Course		e Type	ŗ	Course Title (Course Name)	Cro Str	edit uctu	ire		SS	Total Mark	l ss	Credits	/eek	
No:	Course apo 2 Course a		Course Catego				Р	R		CIA	ESE		Hrs./W	
1	Α	GYMAT201	BSC	GC	Mathematics for Physical Science-2	3	0	0	0	4.5	40	60	3	3
2	B	GZPHT121	BSC	GC	Physics for Physical Science	3	0	2	0	55	40	60	4	5
2	31/ 32	GCCYT122	DSC	00	Chemistry for Physical Science	5	Ŭ	2	Ů.	5.5	-10	00	-	5
3	С	GZEST203	ESC	GC	Engineering Graphics and Computer Aided Drawing	2	0	2	0	4	40	60	3	4
	D	GZEST204			Basic Electrical & Electronics Engineering (Part 1: Electrical Engineering)	2	0	0	0	3	20	30		

MAR	ARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25													
4			ESC	GC	(Part 2: Electronics Engineering)	2	0	0	0	3	20	30	2+2=4	4
5	Е	PCXXT205	PC	PC	Programme Core-1	3	1	0	0	5	40	60	4	4
6	F	UCEST206	ESC	UC	Engineering Entrepreneurship & IPR	3	0	0	0	4.5	60	40	3	3
	I**	UCPWT127	PW		Health and Wellness	1	0	1	0	0	50	0		
7	7 S1/ S2 UCHU		HMC	UC	Life Skills and Professional Communication	2	0	1	0	3.5	100	0	1 2	2/3
8	L	GZESL208	ESC	GC	Basic Electrical and Electronics Engineering workshop	0	0	2	0	1	50	50*	1	2
		GCESL218			Civil Engineering Drafting Lab (CE, CV)									
	S ₁ /S ₂ UCSEM129 SEC UC Skill Enhancement Course: Digital 101(NASSCOM) MOOC										1			
	Total									34			24	27/ 28

Note: Refer KTU website for detailed rules , regulations, objectives & curriculum

AWARDS

Marian engineering college recognizes promotes the talents, effort and excellence of students by awarding them annually with certificates, medals, mementoes and cash prizes.

MARIAN TECHNOLOGY AND INNOVATION CONTEST(MTIC) AWARD

In order to inculcate a spirit of innovation and to promote Research and Development activities among our students, The Research and Development wing at Marian Engineering College conducts Marian Technology and Innovation Contest (MTIC) every year. The contest is organized for B.Tech final year students of Marian Engineering College for all five departments (CE, CSE, ECE, and EEE& ME). Each Department Head will shortlist FIVE innovative projects and forward to the Research and Development wing for evaluation by a team of external experts. The short listed teams have to present it before a panel of external experts. The best projects in each department recommended by the external experts will receive a cash prize.

GENERAL REGULATIONS

CODE OF CONDUCT FOR STUDENTS

- 1. The working hours are from 9.00 am to 4.00pm. Students should not arrive late in to the class room.
- 2. B.Tech students should wear the complete uniform, with their photo identity cards, on all days.
- 3. Boys should be clean shaven with their haircut neat and short.
- 4. Students are to wear shoes/footwear with back straps to college. They are required to compulsorily wear shoes to all laboratories for safety purposes.
- 5. Students are expected to be polite in behavior. They should greet their teachers when they first meet them for the day. When the teacher enters the classroom the students should stand up, and remain standing until the teacher takes his / her seat or allows them to sit down.
- 6. Mis behaviour towards girl students, use of threat or violence against members of the staff or fellow students will be considered as a Very serious case of misconduct.
- 7. Students should use the property of the institution with care and keep the buildings and the premises clean .In case material damage to the institutional property is caused by indifference or deliberate action, compensation, as decided by the authorities, should be paid by the student.
- 8. Smoking and consuming alcoholic drinks and illegal drugs are strictly prohibited in the campus and hostels. Damaging furniture ,defacing the walls, repeated absence from the class without leave ,

misbehavior in class ,general neglect of studies and of other duties will be considered us serious offences.

- 9. Ragging or any type of misconduct towards any student will be considered as criminal offence and will be immediately reported to the police. Perpetrators will not be permitted to continue their studies.
- 10. Politics is banned in the college campus including the hostels.

LIBRARY RULES

- 1. The library is open from 8.00 am to 6.00 pm on all working
- 2. Strict silence should be observed in the library and the reading room.
- 3. Students should bring their identity cards when they come to the library.
- 4. Books will be issued only on production of identity cards.
- 5. Books and other personal belongings should not be taken in to the library.
- 6. Students can borrow three books at a time from the library and keep them for a period of 10 Days without fine .If anybody fails to return the book on time a fine will be imposed at the rate of Rs1/-per day for the next 15 days, and there after the fine will be doubled.
- 7. All the books taken by the faculty members must be returned at the end of the semester.
- 8. Lost book has to be reported to the library staff as soon as possible. Lost books will have to be replaced or the cost of the book will be collected. The cost of the lost books will be assessed as multiples for each decade according to the year of publication of the book.
- 9. If a member damages a book or periodical, he/she will have to replace it or pay the cost. In case one book of a set is damaged, the whole set must be replaced.

COMPUTER USAGE POLICY

- **1.** Keep the footwear outside the lab.
- 2. Pen drives and Mobile phones are not allowed inside the lab.
- **3.** Maintain complete silence inside the lab.
- 4. Place the chair and table at its proper place and should be kept neat before leaving the lab.
- 5. Food items are not allowed inside the lab.
- 6. Students are allowed to use the allotted system only.
- 7. Students are not allowed to roam around inside the lab.
- 8. Students should take permission from concerned staff in case they want to do another work other than the allotted work.

BUS FACILITY RULES

- 1. Students entering the bus must have their bus pass with them.
- 2. Enter the bus only after showing the bus pass to allotted driver or doorman.
- 3. Girls have to be seated in the front rows, Staffs in the middle rows and boys in the last rows of the bus.

GENERAL INFORMATION

COLLEGE MANAGEMENT

NAME	DESIGNATION	CONTACT NO.
Rev. Fr.Dr A R John	Manager	9895092479
Rev. Fr. Jim Carvin Roach	Bursar	8270302869
Dr. Abdul Nizar M	Principal	9446035072
Dr.A.Samson	Dean	9447324844
Mr. Jerard M	Administrative Officer	9495736757

DEPARTMENT OF ELECTRICAL &ELECTRONICS ENGINEERING

SL.NO.	NAME	DESIGNATION	QUALIFICATION	PHONE
				NUMBER
1	Prof. R. Harikumar	Professor &HOD	MTech	9446334774
2	Dr. Vijayalekshmy S	Professor	Ph.D	9446476994
3	Ms. Valsa Basil	Assistant Professor	M.Tech	9447962040
4	Ms. ThangaThamarai NGS	Assistant Professor	M.Tech	8129441134
5	Ms.Geena S	Assistant Professor	M.Tech	9446105551
6	Mr.Deepu R S	Assistant Professor	M.Tech	9020631911
7	Ms.Sumitra K	Assistant Professor	M.Tech	8547727262
8	Ms Mamta A K	Assistant Professor (Adhoc)	M.Tech	8939735628
9	Ms Rinu Joe	Assistant Professor (Adhoc)	M.Tech	6238574603

DEPARTMENT OF CIVIL ENGINEERING

SL.No	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Dr Rani V.	Asso Prof & HoD	Ph.D	9847077477
2	Dr. Narayanan S	Professor	Ph.D	9961140744
3	Ms. Reshmy D S	Associate professor	M.Tech	9495823722
4	Ms. Tara Leander	Assistant Professor	M.Tech	9446544922
5	Ms. Greeshma T	Assistant Professor	M.Tech	9037676767
6	Ms. Renju C M	Assistant Professor	M.Tech	9400456728
7	Mr Abhijith R P	Assistant Professor	M.Tech	9567687372
8	Ms Asha Davood Z	Assistant Professor	M.Tech	9746155556
9	Ms. Aswathy Sasikumar	Assistant Professor	M.Tech	8547333453
10	Ms. Sanobiya B S	Assistant Professor	M.Tech	8943873877
11	Ms. Deepthy Dennison	Assistant Professor	M.Tech	8848807762
12	Mr. Kannan K	Assistant Professor	M.Tech	9495636362

MARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25 Assistant Professor Ms. Revathy V S M.Tech 8547197571 13 (Adhoc) Assistant Professor 14 Ms. Karuna P M.Tech 9746451387 (Adhoc) Assistant Professor 15 Ms Magi N S M.Tech 8086876682 (Adhoc)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

				PHONE
SL.No	NAME	DESIGNATION	QUALIFICATION	NUMBER
1	Ms. Vinitha B Elza	Associate Professor & HoD	M.Tech	9846932823
2	Dr.M. Manoj	Professor	Ph.D	9847321011
3	Ms. Ramola Joy	Associate Professor	M.E	9447551959
4	Ms. Subha P S	Associate Professor	M.E	9656772914
5	Ms. Minnu Jayan C	Assistant Professor	M.E	8590877410
6	Mr. Evankumar G	Assistant Professor	M.E	9846601808
7	Ms. Mary Sunitha	Assistant Professor	M.E	9605244673
8	Ms. Simi M S	Assistant Professor	M.E	9645251695
9	Mr. Glastin Y V	Assistant Professor	M.E	6238259397
10	Ms Sreena V G	Assistant Professor	M.Tech	9895930489
11	Ms Dhanya Mathew	Assistant Professor	M.Tech	8089239518

DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

SL.No	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Dr. M. Manoj	Professor & HoD (In Charge)	Ph.D	9847321011
2	Ms. Nurul Hidaya S	Assistant Professor	M.E	9895898054
3	Ms. Preetha S L	Assistant Professor	M.E	8075666078
4	Ms. Ann Mathew	Assistant Professor	M,Tech	9447553982
5	Ms. Anusha A V	Assistant Professor	M.E	9495562236
6	Mr. Abhishek J B	Assistant Professor	M.Tech	8281242356

DEPARTMENT OF MECHANICAL ENGINEERING

SL.N O	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Dr. A. Samson	Dean	Ph.D	9447324844
2	Dr. C. R. Berlin Selva Rex	Professor & HOD	Ph.D	9442304984
3	Mr. Arun.J	Associate Professor & First Year Coordinator	M.E	8547358668
4	Mr. K.M.Joseph	Associate Professor	M.Tech	9846073889
5	Mr. Ullas Innocent Raj	Associate Professor	M.Tech	9207195624
6	Dr. Arun Kumar V	Associate Professor	Ph.D	9895744027
7	Dr. Manu Mohan	Assistant Professor	Ph.D	8089251118

N	MARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25					
	8	Dr. Sonia S Raj	Assistant Professor	Ph.D	9400913224	
	9	Mr. Sandeep E (QIP)	Assistant Professor	M.Tech.	9746763443	
	10	Mr. Rajaneesh R Chandran	Assistant Professor	M.E	9496813130	
	11	Dr. Amjith.L.R	Assistant Professor	Ph.D	9946289978	
	12	Mr. Maneesh T (QIP)	Assistant Professor	M.E	9447715641	
	13	Mr. Rahul R S	Assistant Professor	M.E	9495355925	
	14	Mr. Pratheek M (QIP)	Assistant Professor	M.Tech.	9633835623	
	15	Mr. Pramod Raj T P	Assistant Professor	M.Tech	9495344863	
	16	Mr. Deepak Peter	Assistant Professor	M.Tech.	9995209389	
	17	Dr. Vishnu B R (QIP)	Assistant Professor	Ph.D	9895575793	

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SL. NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Dr Abdul Nizar M	Principal	Ph.D	9446035072
2	Dr. Shreelekshmi R	Professor&HOD	Ph.D	9446170432
3	Dr. Sheeja Agustin	Professor	Ph.D	9446614773
4	Ms. Keerthi Krishnan	Associate Professor	M.E	9961293932
5	Ms. Sunitha S	Assistant Professor	M.Tech	9847897913
6	Dr. Mercelin Francis	Assistant Professor	Ph.D	9495631330
7	Ms. Reeja S L	Assistant Professor	M.E	9447553962
8	Ms. Jyothi Johnson	Assistant Professor	M.Tech	9495626161
9	Ms. Swapna H	Assistant Professor	M.Tech	9746104785
10	Ms. Nitha L Rozario	Assistant Professor	M.Tech	9847265185
11	Ms. Nisha J R	Assistant Professor	M.Tech	9447963312
12	Ms Hema S Mahesh	Assistant Professor	M.Tech	9446564760
13	Dr. Anusha B	Assistant Professor (Adhoc)	Ph.D	9489890950
14	Ms Dhanya L	Assistant Professor (Adhoc)	M.E	9496547528
15	Ms. Aiswarya I P	Assistant Professor (Adhoc)	M.Tech	9605105541
16	Ms. Mary Lisa Leenuse	Assistant Professor (Adhoc)	M.Tech	9562852886
17	Ms. Harsha T	Assistant Professor (Adhoc)	M.Tech	9400162236

MARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25				
18	Ms. Binsi P	Assistant Professor (Adhoc)	M.E	7559931868
19	Ms. Aswathy G S	Assistant Professor (Adhoc)	M.Tech	9400717307
DE	PARTMENT OF ARTI	FICIAL INTELLIGE	NCE & MACHINE L	EARNING
SL. NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Prof. Balu John	Professor & HoD	M.E	9895259420
2	Dr. Aswathy S U	Professor	Post Doc	9447798829
3	Ms. Nisha Soman	Assistant Professor	M.Tech	7907473630
4	Ms. Aswathy T K (On Leave)	Assistant Professor	M.Tech	9961100606
5	Ms. Aswathy A L	Assistant Professor (Adhoc)	M.Tech	9961860283
6	Ms. Nora Jobai	Assistant Professor (Adhoc)	M.Tech	7907605507

DEPARTMENT OF SCIENCE AND HUMANITIES

SL. NO.	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Ms. Sreedevi V V	Assistant Professor	M.Sc, B.Ed	9895948107
2	Ms. Lekha V L	Assistant Professor	M.Sc, B.Ed	9495824279
3	Ms. BabyResmi K V	Assistant Professor	M.Sc, M.Ed	9495718838
4	Ms. Lima Chandra	Assistant Professor	M.Sc, B.Ed	9446179104
5	Mr. Martin T	Assistant Professor	M.Sc, M.Phil	7994333920
6	Mr. Sajith P	Assistant Professor	M.Sc, M.Tech	9496469890
7	Ms. Rani B S	Assistant Professor	M.Phil, M.Sc	9447221004
8	Dr. Sini S S	Assistant Professor	Ph.D	8075049342
9	Ms. Ragi S Robert	Assistant Professor	M.Sc, M.Phil, B.Ed	9539018715
10	Ms. Sowmya K P	Assistant Professor	M.A, MBA	9895619205
11	Mr. Hiran Mohan	Assistant Professor	M.PEd	8593963359
12	Ms. Jyothy James	Assistant Professor (Adhoc)	M.Sc, M.Ed	9645554277
13	Mr. Titus P	Assistant Professor (Adhoc)	MA (English), MA(Philosophy),M BA,MSW,B.Ed	9567878400
14	Ms. Manju R	Assistant Professor (Adhoc)	M.Sc, MPhil, BEd	9446391698

MASTER OF BUSINESS ADMINISTRATION

SL. NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Dr. Shibulal A L	Professor & HoD	Ph.D	9847425550

M	IARIA	N ENGINEERING COLLEGE,	THIRUVANANTHA	PURAM HAI	NDBOOK 2024-25
	2	Dr. Vineetha Mathew	Assistant Professor	Ph.D	9539716232
	3	Ms. Saranya Sathyanesan	Assistant Professor	MBA/PGDM	7034662740

TECHNICAL STAFF (CE)

SL. NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Ms. Sreeja T S	Lab Instructor	ITI	9847117404
2	Mr. Satheesh Kumar G R	Lab Instructor	ITI	8606224630
3	Ms. Lali P S	Lab Instructor	ITI	9567010241
4	Mr. Prasanth George (On leave)	Lab Instructor	ITI	9846182481
5	Ms. Mercy B (On Leave)	Lab Instructor	Diploma	9745114452
6	Ms. Jijomon S	Lab Instructor	Diploma	9539933935

TECHNICAL STAFF (ECE)

NAME	DESGINATION	QUALIFICATION	PHONE NUMBER
Ms. Divya R S	Lab Instructor	B. Tech	8893724494
Mr. Vipin Antony	Lab Instructor	Diploma	9497161512
Ms. Noel Periera J	Lab Instructor	B.Tech	9562454770
Ms. Sunitha Kumari	Lab Instructor	Diploma	7034242876
Ms. Anitha R	Lab Instructor	Diploma	9061257508
Mr. Tony Varghese	Lab Instructor	Diploma	9846096896
	NAMEMs. Divya R SMr. Vipin AntonyMs. Noel Periera JMs. Sunitha KumariMs. Anitha RMr. Tony Varghese	NAMEDESGINATIONMs. Divya R SLab InstructorMr. Vipin AntonyLab InstructorMs. Noel Periera JLab InstructorMs. Sunitha KumariLab InstructorMs. Anitha RLab InstructorMr. Tony VargheseLab Instructor	NAMEDESGINATIONQUALIFICATIONMs. Divya R SLab InstructorB. TechMr. Vipin AntonyLab InstructorDiplomaMs. Noel Periera JLab InstructorB.TechMs. Sunitha KumariLab InstructorDiplomaMs. Anitha RLab InstructorDiplomaMr. Tony VargheseLab InstructorDiploma

TECHNICAL STAFF (EEE)

SL.NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Mr. Amaljith	Lab Instructor	B.Tech	9947841245
2	Mr. Sreekumaran K B	Lab Instructor	Diploma	9495272626

TECHNICAL STAFF (CSE)

SL.NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Ms. Sheeja George	Computer Operator	MCA	9446583001
2	Ms. Tessy T	Lab Instructor	MCA	9847068107
3.	Mr. Shelton Joseph	System administrator	Diploma	9048368248
4	Mr. Jery John	Lab Instructor	Diploma	9048678778
5	Mr. Barnous Samuel	Lab Instructor	Diploma	9895937623

HANDBOOK 2024-25

TECHNICAL STAFF (AH)

SL.NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Mr. Anthony Christain	Lab Instructor	Diploma	9744552725

TECHNICAL STAFF (ME)

SL.NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Fr. Abin Stantly	Workshop Superintendent	B.Tech	8129934954
2	Mr. D Anil Kumar	Trade Instructor	ITI	9495407601
3	Mr. V Nataraja Pillai	Trade Instructor	ITI	9495746053
4	Mr. Anilkumar P	Trade Instructor	ITI	9249779836
5	Mr. Justin J S	Trade Instructor	ITI	9447444696
6	Mr. S Surendran Nair	Trade Instructor	ITI	9495038277
7	Mr. Ramachandran N	Trade Instructor	ITI	9249958503
8	Mr. Amal George	Trade Instructor	ITI	9633170278
9	Mr. Sunil Kumar N D	Trade Instructor	ITI	9446202466
10	Mr. Anil Lal J	Trade Instructor	ITI	9495407601
11	Mr. S Ganesan	Trade Instructor	ITI	8848959548
12	Mr Sibi Babu	Instructor	B.Sc.	9847257840
TECHNICAL STAFF (SCIENCE)				
SL.NO	NAME	DESIGNATION	QUALIFICATION	PHONE NUMBER
1	Mr. Mickel P	Lab Assistant	SSLC	7306721206
2	Ms. Mary Shimona	Lab Assistant	M.Sc.	9074450769
LIBRARY STAFF				
GT 110		DEGECOLU		

SL.NO	NAME	DESIGNATION	PHONE NUMBER
1	Dr Unnikrishnan Namboothiri	Chief Librarian	9446474729
2	Mr. D Vijayalal	Attender	9846122643
3	Ms Suji B	Librarian Grade-IV	6282059177
4	Mr Sreejith M S	Librarian Grade-IV	7012459042

OFFICE STAFF				
SL.NO	NAME	DESIGNATION	PHONE NUMBER	
1	Mr. Jerard M	Administrative Officer	9495736757	
2	Mr. Christopher D'Silva	Finance Officer	9847771441	

IARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM HANDBOOK 2024-25				
3	Mr. George Mathew	Store Keeper	9496545336	
4	Rev. Sis. Thressiama	Student Affairs	9495676912	
5	Ms. Margie Francis	Clerk	9947293844	
6	Ms. Mary Shirly	Clerk	9847662648	
7	Ms. Limcy Alexander	Clerk(PA to Manager)	9562747090	
8	Ms. Beena N S	Clerk (PA to Principal)	9745276468	
9	Ms. Mereena Robert	Clerk (Reception)	9526118315	
10	Ms Vinitha K	Clerk	9961230224	
11	Mr. George R Pereira	Head Clerk	9497012445	
12	Mr. Sebastian Lopez	Clerk	7591981013	
13	Ms. Magline A	Clerk	9539200396	
14	Ms Rani Xavier	Store Assistant	7559815188	
15	Mr Sunny Jacob	Office Attendant/Driver	6374477083	
	DRIVERS(COLLEGE BUSES & OFFICE CARS)			
SL.NO	NAME	DESIGNATION	PHONE NUMBER	
SL.NO	NAME Mr. Rishikesa Kumar	DESIGNATION Bus Coordinator	PHONE NUMBER 9847603517	
SL.NO 1 2	NAMEMr. Rishikesa KumarMr. Francis J	DESIGNATION Bus CoordinatorBus Driver	PHONE NUMBER 9847603517 9496669386	
SL.NO 1 2 3	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh V	DESIGNATION Bus CoordinatorBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697	
SL.NO 1 2 3 4	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Shamdas S	DESIGNATION Bus CoordinatorBus DriverBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409	
SL.NO 1 2 3 4 5	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Shamdas SMr. Viju M Das	DESIGNATION Bus CoordinatorBus DriverBus DriverBus DriverBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916	
SL.NO 1 2 3 4 5 6	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N Harikumar	DESIGNATION Bus CoordinatorBus DriverBus DriverBus DriverBus DriverBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369	
SL.NO 1 2 3 4 5 6 7	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin Alex	DESIGNATIONBus CoordinatorBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151	
SL.NO 1 2 3 4 5 6 7 8	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin AlexMr. K R Gopakumar	DESIGNATIONBus CoordinatorBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151 9447696368	
SL.NO 1 2 3 4 5 6 7 8 9	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin AlexMr. K R GopakumarMr. Sucheendran B	DESIGNATIONBus CoordinatorBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151 9447696368 9447496523	
SL.NO 1 2 3 4 5 6 7 8 9 10	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin AlexMr. K R GopakumarMr. Sucheendran BMr Ratheeshkumar N J	DESIGNATIONBus CoordinatorBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151 9447696368 9447225545	
SL.NO 1 2 3 4 5 6 7 8 9 10 11	NAMEMr. Rishikesa KumarMr. Francis JMr. Ajesh VMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin AlexMr. K R GopakumarMr. Sucheendran BMr Ratheeshkumar N JMr. Blessen Mathew	DESIGNATIONBus CoordinatorBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverCar Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151 9447696368 9447225545 8848541821	
SL.NO 1 2 3 4 5 6 7 8 9 10 11 12	NAMEMr. Rishikesa KumarMr. Francis JMr. Francis JMr. Ajesh VMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin AlexMr. Franklin AlexMr. K R GopakumarMr. Sucheendran BMr Ratheeshkumar N JMr. Blessen MathewMr. Dixon Antony	DESIGNATIONBus CoordinatorBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverBus DriverCar DriverCar Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151 9447696368 9447225545 8848541821 8921407041	
SL.NO 1 2 3 4 5 6 7 8 9 10 11 12 13	NAMEMr. Rishikesa KumarMr. Francis JMr. Francis JMr. Ajesh VMr. Ajesh VMr. Shamdas SMr. Viju M DasMr. N HarikumarMr. Franklin AlexMr. Franklin AlexMr. K R GopakumarMr. Sucheendran BMr Ratheeshkumar N JMr. Blessen MathewMr. Dixon AntonyMr. Binoy Das	DESIGNATIONBus CoordinatorBus DriverBus Driver	PHONE NUMBER 9847603517 9496669386 9447341697 7034150409 9961591916 9539301369 8075244151 9447696368 9447225545 8848541821 8921407041 9846621184	

STUDENT COUNCELOR

SL.NO	NAME	DESIGNATION	PHONE NUMBER
1	Ms. Aneesha Joseph	Counsellor	8129873675

COMMITTEES AND ASSOCIATIONS

PARENT TEACHER ASSOCIATION

Parent-Teacher Association looks into all the activities of the college for the betterment of the facilities and standards. Parents are periodically informed of the academic as well as other status of their wards. As and when required they will be requested to meet the staff for personal discussion and possible improvement.

PTA Secretary: Ms.Sonia S Raj, Assistant Professor (ME) 9400913224

Treasurer : Subha P S ,Assistant Professor (ECE) 9656772914

WOMEN'S WELFARE & GRIEVANCE COMMITTEE

In order to promote a healthy working environment for all our female staff, students and faculty and to work towards building a gender-sensitized environment a women cell is functioning in the institute.

Convener:Ms.Sreedevi V V,Assistant Professor(Maths) 9895948107

ANTIRAGGING CELL

Anti-ragging Cell is in operation under the overall charge of the principal. Students are advised to bring cases of ragging (either on the college campus or at the hostel) to the notice of the principal/ members of the anti-ragging committee/teachers/hostel wardens. The offenders shall be liable for punishment with imprisonment and fine. Offenders may be expelled from the institution.

Convener:Dr.Abdul Nizar M (Principal)

KTU CELL

In order to look after all KTU related issues of students a cell is functioning in the college in Room No.105 of Sacred Heart Block.

Convener:

Prof. Sheeja Augustine Professor (CSE) Mob:9446614773

KTU EXAMINATION CELL

Examination Cell conducts all university examinations in the college.

Convener:

Mr.Kannan K, Assistant Professor (ME) 9495636362

STUDENT WELFARE COMMITTEE

Student Welfare Committee of Marian Engineering College was constituted in Oct 2018 for the general and specific well-being of students. Student Welfare Committee endeavours to help a student's educational process to advance their academic as well as personal abilities. The committee works for the overall welfare of the student in terms of student development which consists of student development program, student publication, counselling of the students, co curricular activities and many more. The committee conducts various activities to enhance the skill set of students like Talk shows, workshops, Debate and Quiz competition, Photography and Painting exhibits.

Convener: Ms.Sumitra K. Assistant Professor (EEE)8547727262

CAREER GUIDANCE AND PLACEMENT UNIT (CGPU)

The Career Guidance and Placement Unit functioning in the College take care of the On-Campus placement activities. CGPU brings students and Industrial community together in an effort to create Industry-Institution Interaction.

CGPU organizes on campus and off campus recruitments and pre-placement training programmes in Aptitude test, Group Discussions, Interviews and presentation skills. Mock interviews and GDs are conducted on a regular basis so as to equip final and pre-final students to face the challenges of the recruitment scenario.

Objectives

- To place students of our college in reputed companies in India and abroad
- To give proper career guidance and help students for achieving clear career goals
- To give information and assistance regarding higher studies in India and abroad

Staff in Charge : Dr. Manu Mohan , Asst. Professor (ME),8089251118

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

Marian Engineering College always focuses its activities to solve unemployment problem that exist in the society. We identify all possible ways by which our students can achieve a successful career. Even though a good number of students are recruited by companies through campus recruitment, we also help to mould themselves as job providers, not as job seekers. Students are encouraged to think out of the syllabus to identify problems, which can't be solved, and to develop a product as outcome of solution. They are given end to end support through which they can file a patent and market the product. Five Startup companies are functioning in the campus which is incubated in the Marian Technology Incubation Centre. Students attend lot of technology seminars and hands on trainings, through which they can improve their technical skill and sharpen their thought process. The IEDC is affiliated to Kerala Startup Mission at Technopark, Thiruvananthapuram.

Marian IEDC is selected as one among the top ten IEDC's in the state. Marian IEDC Nodal Officer, is selected as Mentor for ATAL THINKERING LAB by MHRD,Govt. of India to establish innovation culture through school level activities.

Convener: Dr. M. Manoj, Associate Professor (ECE) 9847321011

CO-CURRICULAR/EXTRA CURRICULAR ACTIVITIES

STUDENT SENATE

The student senate consists of Two class representatives from each class. It acts as an interface between the students and the management. It provides opportunities for the students to develop their social and cultural life, and focuses on the overall development of the individual. The student senate also undertakes the responsibility of bringing out the annual college magazine. Chairman, Chair person, General Secretary, Arts Secretary and Sports Secretary and Magazine editor are selected by the senate every year.

Convener: Dr. Amjith L R, Assistant Professor (ME) 9946289978

RESEARCH & DEVELOPMENT CENTRE

Marian Engineering College has given emphasis to encourage engineering innovations through research and development. All research activities need a platform to showcase the observations and findings in an ever utilizable manner. The first issue of Marian Journal of Engineering Research was released in 2013 by Padmashri M. Chandraduthan, Former Director, Liquid Propulsion Systems Centre, ISRO. The Marian Research and Development Centre takes initiatives in publishing the research work by both faculty and students through the Marian Journal.

Convener: Dr. Narayanan S, Professor (CE) 9961140744

BHOO MITHRA SENA CLUB

BhooMithra Sena club (BMC) is an initiative taken by Govt. of Kerala through Department of Environmental and climate change to strengthen the commitment of students at the college level towards environmental issues. The main objective is to appreciate environment and identify environmental issues of the locality and to involve them in addressing environmental issues of the locality. The club consists of 82 student members who are enthusiastic in environmental related issues and are ready to spend time for the club activities.

Conveners:

1)Ms.Deepthi Dennison, Assistant Professor (CE) 8281070205

2) Mr.Pramod Raj T P, Assistant Professor (ME) 9495344863

NATIONAL SERVICE SCHEME

NSS unit of MEC is very active and consists of 50 students from second year. NSS unit has actively undertaken social and humanitarian projects. The unit helps people in the wards ,near the college by sponsoring educational needs of their children. They undertake various programmes like blood donation, stem cell collection, campus cleaning etc. Every year the cell conducts NSS Camp of two weeks.

Conveners:

1)Mr. Deepak Peter, Assistant Professor (ME) 999209389

2)Ms. Minnu JayanC, Assistant Professor (ECE) 8590877410

STUDENT GRIEVANCE REDRESSAL AND APPEAL COMMITTEE

As per the ordinance from Kerala Technological University (KTU), a Student Grievance Re-dressal Cell has been constituted in this institution. Students can approach this cell to express his / her grievance. The cell considers the request and addresses genuine complaints from students. Online facility is available for submitting complaints.

Convener: Dr.Abdul Nizar M (Principal)

COMMITTEE AGAINST SEXUAL HARASSMENT OF WOMAN

A committee has been constituted for the effective enforcement of the basic human right of gender equality and as guarantee against sexual harassment and abuse to woman. Its aim is to deal with cases of sexual harassment against women in a time bound manner to ensure support services to the victimized and to terminate the harassment.

Convener: Dr.C R Berlin Selva Rex, Professor (ME), 9442304984

ETHICS COMMITTEE

The committee's work covers ethics in engineering education, ethics in practice and the issues surrounding emerging engineered technologies. Through events, publications and teaching resources, the committee has sought to enrich thinking about engineering ethics and provide materials and inspiration for engineers interested in the wider impact of their work.

Convener: Mr.Ullas Innocent Raj, Associate Professor(ME) 9207195624
ANTI NARCOTIC CELL

The Anti Narcotic Cell aims at working against the use of alcohol, tobacco and drugs. Conducting seminars in the college, arranging poster campaigns, conducting video competitions on abuse of drugs are the activities carried out to give awareness to students.

Convener: Mr.Deepu R S. Assistant Professor (EEE) 9020631911

INDUSTRY INSTITUTE INTERACTION CELL

To optimize the deployment of physical and human resources of Institutions and Industries in the pursuit of development of technical manpower & to enlist participation of industry in technical education programmes, with a view to have better interaction between Industries and Institute, Marian Engineering College has started Industry Institute Interaction Cell (IIIC).

MARIAN CENTRE FOR CONTINUING EDUCATION

Marian Centre for Continuing Education (MCCE) was established on 31st October 2017. The main aim of MCCE is to conduct Continuing technical education courses, Testing and consultancy services and Maintenance and repair services with the help of various departments of Marian Engineering College.

Convener: Dr Berlin Selva Rex C.R, Professor & Head (ME) 9442304984 PROFESSIONAL BODIES

The following student chapters of professional bodies are functioning in the campus.

Sl. No.	Professional Body	Faculty in Charge
1.	IEEE (Institute of Electrical and Electronics Engineers)	Dr. Sheeja Agustin (CSE)
2.	ISTE (Indian Society for Technical Education)	Dr. Amjith L.R.(ME)
3.	CSI (Computer Society of India)	Ms. Nitha L Rozario (CSE)
4.	IEI (The Institution of Engineers)	Dr.Manu Mohan (ME)
5.	IGS(The Indian Geotechnical Society)	Dr. Rani V. (CE)
6.	IEEE PES (IEEE Power and Energy Society)	Dr. Vijayalekshmy S. (EEE)
7.	ISHRAE (Indian Society of Heating Refrigeration and Air-conditioning Engineers)	Dr.Manumohan (ME)
8.	ASCE (American Society For Civil Engineers)	Ms.Renju C.M

DEPARTMENT ASSOCIATIONS

Sl. No.	Name	Faculty in charge
1	Civil Engineering Association	Ms.Asha Davood
2	Computer Science & Engineering Association	Ms.Mercilin Francis
3	Electrical and Electronics Engineering Association	Ms.Thangathamarai NGS
4	Electronics and communication Engineering Association	Ms Minnu Jayan C
5	Mechanical Engineering Association	Mr.Amjith L.R.
6	Artificial Intelligence & Machine Learning Association	Ms Aswathy A L



MARIAN ENGINEERING COLLEGE Academic Calendar (B-Tech <u>S1</u>) - September 2024 – January 2025

	24-SEP		24-OCT		24- NOV		24- DEC			25-JAN					
Days	Date	Description	Class	Date	Description	Class	Date	Description	Class	Date	Description	Class	Date	Description	Class
Sun	1									1	D 15 1 40 - 1	50			
Mon	2					10				2	Publish Attendance	58			
Tue Wed	3 4			2	Gandhi Jayathi	12				3		59 60	1		
Thu	5			3		13				5	Completion of	61	2	Mannam Jayandhi	
Fri	6			4		14	1	Publish Attendance	35	6	Completion of 4	62	3	Exam - 2	
Sat	7			5	Friday's Timetable	15	2	Monday's Timetable	36	7	Modules		4		
Sun	8			6			3			8	Series Test II Day 1		5		
Mon	9	Commencement of Classes	1	7		16	4		37	9	(KTU Syllabus Coverage - Survey 2)	63	6	Exam - 3	
Tue	10		2	8	Semester Enrolment Ends	17	5		38	10	Series Test II - Day 2	64	7		
Wed	11		3	9		18	6		39	11	Series Test II - Day 3	65	8	Exam - 4	
Thu	12		4	10	Course Selection and Mapping Begins	19	7	Publish Series Test 1 marks	40	12		66	9		
Fri	13	Final Date for the First Year Induction Program	5	11		20	8		41	13		67	10	Exam - 5	
Sat	14	Second Saturday (First Onam)		12	Second Saturday (Mahanavami)		9	Second Saturday (PTA Meeting)		14	Second Saturday		11	Second Saturday Commencement of KTU valuation	
Sun	15	Thiruvonam		13	Vijayadasami		10			15	Publish Series Test 2		12	Camb	
Mon	16	Third onam		14		21	11		42	16	marks	68	13		
Tue	17	Fourth Onam		15	Course coloction and	22	12	Second Course	43	17	Fred Someston Students	69	14		
Wed	18			16	mapping Ends	23	13	Committee Meeting	44	18	Feedback (mandatory)	70	15		
Thu	19			17		24	14	Second Advisory Meeting	45	19	Committee Meeting	71	16		
Fri	20			18		25	15		46	20	Class Ends - Publish Attendance & IA marks	72	17	KTU Annual Athletic Meet	
Sat		Sree Narayana Guru Samadhi Day		19	Last date for corrections related to course selection & mapping (Thursday's Timetable)	26	16			21			18	KTU Annual Athletic Meet	
Sun	22		c	20	Exam Registration	07	17		477	22			19	Commencement	
	23		0	21	begins	21	18		47	23	Last Datte for entering Attendance, Internal		20	of S2 Classes	
Tue	24		7	22		28	19		48	24	marks, Submission of Activity Points on KTU Portal		21		
Wed	25	Semester Enrollment begins	8	23	Completion of Assignment 1	29	20		49	25	Christmas		22		
Thu	26		9	24	Completion of 2 modules	30	21		50	26			23		
Fri	27	First Class/Course Committee meeting	10	25	Exam Registration Ends (Student level)	31	22		51	27	Lest Data for		24		
Sat	28			26	Annual Sports meet		23			28	Attendance and Internal Marks Correction in KTU Portal		25		
Sun	29			27	Annual Sports meet		24			29	1.01.01		26	Republic Day	
Mon	30	First Advisory meeting	11	28	Series Test I- Day 1 (KTU Mid Term Survey Syllabus Coverage)	32	25		52	30			27		
Tue				29	Series Test I - Day 2	33	26		53	31	Commencement of End Semester Examination		28		
Wed				30	Series Test I - Day 3	34	27		54				29		
Thu				31	Deepavali		28		55				30		
Fri Sat							29 30	Wednesday's Timetable	56 57				31		



	1. Administrative Block
	2. Department of Electronics & Communication Engineering
	3. Department of Mechanical Engineering
	4. Department of Computer Science & Engineering , Central Library
	5. Department of Civil Engineering
	6. Department of Electrical & Electronics Engineering
	7. Basic Workshop
	8. Geo Technical Lab
	9. Football Ground
	10. Basketball & Volleyball Courts
	11. Canteen
	12. Auditorium
A CONTRACTOR OF	13. Boy's Hostel
	14. Girl's Hostel
	15. Generator Room

Marian Engineering College

Approved by AICTE and affiliated to APJ Abdul Kalam Technological University Managed by Latin Archdiocese of Trivandrum

- KAZHAKUTTOM, THIRUVANANTHAPURAM- 695582
- www.marian.ac.in
- 🔊 mail@marian.ac.in
- 94957 07111, 94957 07222