



# AWH ENGINEERING COLLEGE

## KUTTIKKATTOOR, KOZHICODE -673 008

### MANDATORY DISCLOSURE

AICTE ID	1-43662537898
Period of last approval	2024-2025

1. Name of the Institution	
Name of the Institution	AWH Engineering College
Address of the Institution	Pattayilkunnu, Kuttikkattor post, Kozhikode, 673008
State / UT	Kerala
Telephone No.	0495 2352552
Mobile No.	9446516393
Email ID	<a href="mailto:info@awhengg.org">info@awhengg.org</a>
Website	<a href="https://awhengg.org/">https://awhengg.org/</a>
Nearest Railway Station	Kozhikode
Nearest Airport	Calicut international airport

2. Name and address of the Trust/Society/Company and the Trustees	
Name of the Trust	Association for Welfare of the Handicapped
Address of the Trust/Society/Company and the Trustees	TV Mammooty, Court Appointed Receiver, Association for Welfare of the Handicapped, 17/194 A, M'SQUARE Complex, Pavamani Road, Kozhikode, Ph.: 0495 2720434

3. Name and Address of Principal	
Name of the Principal	Dr. Sabeena MV
Address of the Principal	Principal AWH Engineering College, Kozhikode - 673008 Ph: 9446516393, E-mail - <a href="mailto:principal@awhengg.org">principal@awhengg.org</a>

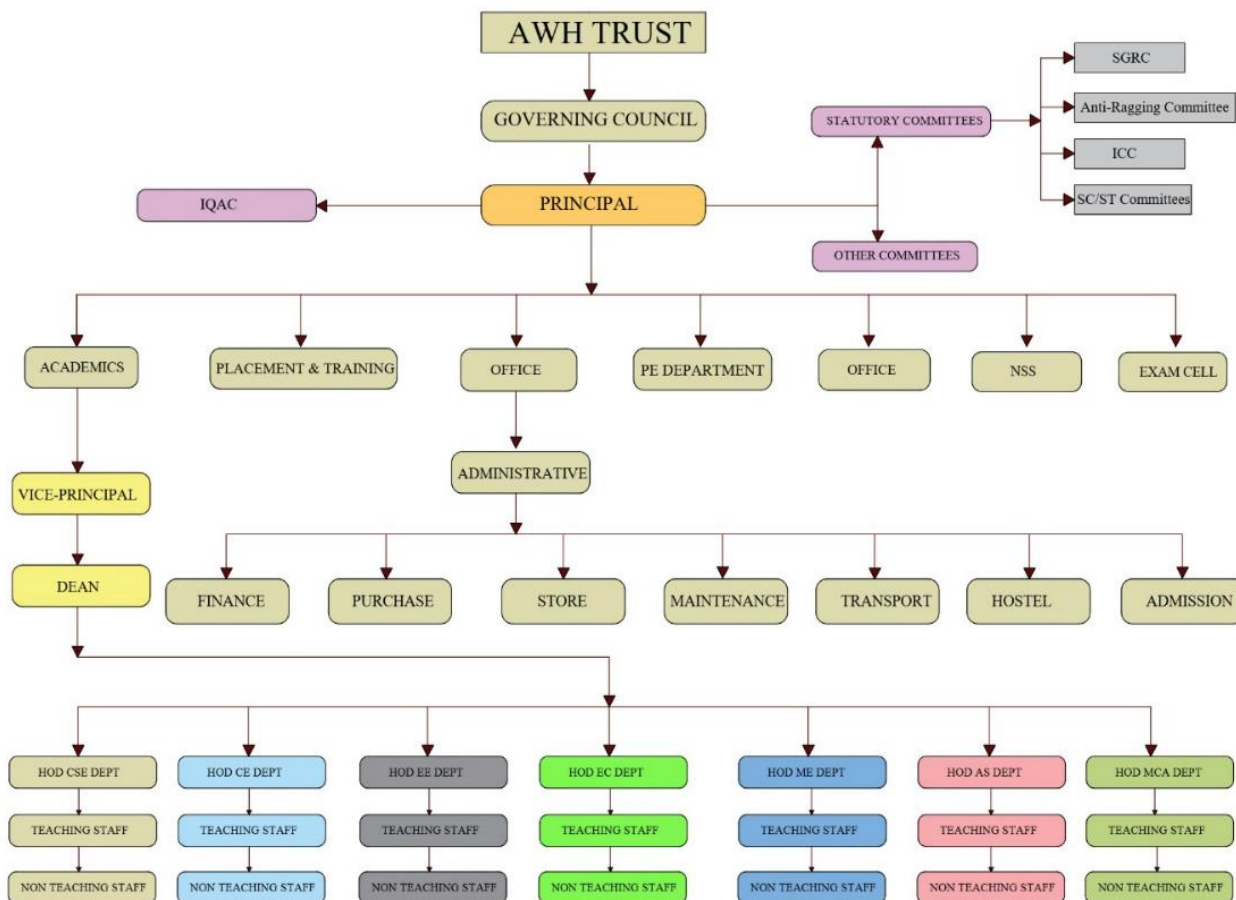


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4. Name of the affiliating University	
Name of the affiliating University	Dr. APJ Abdul Kalam Technological University
Address	CET Campus, Thiruvananthapuram Kerala -695016
Website	<a href="http://www.ktu.edu.in">www.ktu.edu.in</a>
Latest affiliation period	2024-25

5. Governance	
Governing Board Members	<a href="https://awhengg.org/about/#gov-council">https://awhengg.org/about/#gov-council</a>
Academic Advisory Body	<a href="https://awhengg.org/subpage-details/5/">https://awhengg.org/subpage-details/5/</a>
Frequency of meetings	Once in a semester
Organizational chart	





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Grievance Redressal mechanism for Faculty, staff and students	Through grievance redressal cell and appeal the students and staff club could register their grievances. Mechanisms both online and offline for students, through staff club for staff, ICC, WDC is also functioning for the welfare of women. <a href="https://awhengg.org/grievance-redressal-appeal-committee/">https://awhengg.org/grievance-redressal-appeal-committee/</a>
Establishment of Anti Ragging Committee	The Anti-Ragging Committee plays an active role in sensitizing the students, especially first years, and provides an accessible forum for any student to openly speak up against ragging. In addition, a dedicated cell has been setup to look into complaints relating to ragging. <a href="https://awhengg.org/view-committee/7/">https://awhengg.org/view-committee/7/</a>
Establishment of Online Grievance Redressal Mechanism	Online mechanism provided through college portal. <a href="https://awhengg.org/grievance-redressal-appeal-committee/">https://awhengg.org/grievance-redressal-appeal-committee/</a>
Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University	Grievance Redressal Committee is available. <a href="https://awhengg.org/view-committee/8/">https://awhengg.org/view-committee/8/</a>
Establishment of Internal Complaint Committee (ICC)	Internal Complaint Committee (ICC) is available. <a href="https://awhengg.org/view-committee/14/">https://awhengg.org/view-committee/14/</a>
Establishment of Committee for SC/ST	SC/ST Committee is available. The committee administers and makes decisions concerning SC/ST student welfare, taking up issues reported by students and resolves them. The committee meets on a monthly basis to discuss the problems and probable ways of improvement and solutions with respect to facilities and their likes. <a href="https://awhengg.org/view-committee/18/">https://awhengg.org/view-committee/18/</a>
Internal Quality Assurance Cell	Internal Quality Assurance Cell is available. Internal Quality Assurance Cell is to enhance the effectiveness of University's core activities relating to teaching, learning, research, training and development of skills. It also seeks to help improve the quality of deliverables through better administration and management. <a href="https://awhengg.org/internal-quality-assurance-celliqac/">https://awhengg.org/internal-quality-assurance-celliqac/</a>



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6. Programmes				
Total number of Courses		11		
Status of Accreditation of the Courses		ON-GOING NBA Accreditation process for Civil Engineering and Computer Science & Engineering		
Under Graduate Programmes				
Name of Programmes approved by AICTE	Number of seats	Duration of Programme (In Year)	Tuition Fees (Government Quota)	Status of Accreditation of the Courses
1. Civil Engineering	60	4	50000	Applied for Accreditation
2. Computer Science & Engineering	120	4	50000	Applied for Accreditation
3. Mechanical Engineering	60	4	50000	Not Applied
4. Electrical & Electronics Engineering	30	4	50000	Not Applied
5. Electronics & Communication Engineering	30	4	50000	Not Applied
6. Artificial Intelligence and Data Science	60	4	50000	Not Applied
Post Graduate Programmes				
Name of Programmes approved by AICTE	Number of seats	Duration of Programme (In Year)	Tuition Fees	Status of Accreditation of the Courses
7. VLSI Design	09	2	50000	Not Applied
8. Structural Engineering	18	2	50000	Not Applied
9. Computer Science &Engineering	09	2	50000	Not Applied
10. Power Electronics	09	2	50000	Not Applied
11. Master in Computer Applications	60	2	50000	Not Applied

7. Faculty		
Sl No	Department	Staff Profile
1.	Civil Engineering	<a href="https://awhengg.org/department-details/2/">https://awhengg.org/department-details/2/</a>
2.	Computer Science & Engineering	<a href="https://awhengg.org/department-details/3/">https://awhengg.org/department-details/3/</a>
3.	Mechanical Engineering	<a href="https://awhengg.org/department-details/6/">https://awhengg.org/department-details/6/</a>
4.	Electrical & Electronics Engineering	<a href="https://awhengg.org/department-details/5/">https://awhengg.org/department-details/5/</a>
5.	Electronics & Communication Engineering	<a href="https://awhengg.org/department-details/4/">https://awhengg.org/department-details/4/</a>
6.	Artificial Intelligence and Data Science	<a href="https://awhengg.org/department-details/8/">https://awhengg.org/department-details/8/</a>
7.	Applied Science	<a href="https://awhengg.org/department-details/1/">https://awhengg.org/department-details/1/</a>
8.	Master in Computer Applications	<a href="https://awhengg.org/department-details/7/">https://awhengg.org/department-details/7/</a>



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LIST OF FACULTIES					
Faculty Id	Name	Designation	Department	DOJ	Qualification
KTU-F40976	Dr DEVIKA BABU	Associate Professor	Civil Engineering	18-11-2020	M.Tech (Traffic And Transportation Engineering), B.Tech (Civil Engineering), Ph.D (Transportation Engineering)
KTU-F15317	Mrs PRIYANKA DILIP P	Assistant Professor	Civil Engineering	24-06-2014	M.Tech (Structural Engineering), B.Tech (Civil Engineering)
KTU-F28038	Ms JITHMA T	Assistant Professor	Civil Engineering	10-08-2018	Me (Structural Engineering), B.Tech (Civil Engineering), Diploma (Civil Engineering)
KTU-F32032	Mr NIKHIL KUMAR E	Assistant Professor	Civil Engineering	03-01-2017	Msc Tech (Mathematics & Scientific Computing )
KTU-F33275	Mrs ANILA S	Assistant Professor	Civil Engineering	02-08-2017	M.Tech (Structural Engineering), B.Tech (Civil Engineering)
KTU-F17065	Ms FASEELATH VALAYANKADAN	Associate Professor	Civil Engineering	11-03-2008	M.Sc (Chemistry),Set, Bed (Physical Science), B.Sc (Chemistry)
KTU-F44590	Ms RISHANA ISMAIL	Assistant Professor	Civil Engineering	29-08-2022	M.Tech (Construction Engineering & Management), B.Tech (Civil Engineering)
KTU-F47627	Ms MUFEEDA NK	Assistant Professor	Civil Engineering	23-02-2024	M.Tech (Environmental Engineering), B.Tech (Civil Engineering)
KTU-F48581	Mr RISHAD M	Assistant Professor	Civil Engineering	26-07-2024	Master Of Technology (Structural Engineering), Bachelor Of Technology (Civil Engineering)
KTU-F48582	Ms SUMEERA K	Assistant Professor	Civil Engineering	05-08-2024	Master Of Technology (Structural Engineering), Bachelor Of Technology (Civil Engineering)
KTU-F17716	Dr SABEENA M V	Professor	Civil Engineering	12-01-2005	Ph.D (Structural Engineering), M.Tech (Structural Engineering And Construction Management), B.Tech (Civil Engineering)
KTU-F22464	Mr SACHINLAL C	Asst Professor	Civil Engineering	12-01-2015	M.Tech (Geotechnical Engineering), B.Tech (Civil Engineering), Diploma (Civil Engineering)
KTU-F45064	Mrs SRUTHI V BALAGOPALAN	Asst Professor	Civil Engineering	11-01-2023	Msc Tech (Mathematics And Scientific Computing), Bsc Mathematics



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KTU-F17333	Mrs JISHA P	Associate Professor and HOD	Civil Engineering	20-06-2007	ME (Structural Engineering), B.Tech (Civil Engineering)
KTU-F17349	Mr GIREESH TK	Associate Professor	Computer Science & Engineering	21-06-2004	M.Tech (Computer Science & Engineering), B.Tech (Computer Science & Engineering)
KTU-F17709	Mrs DIVYA M	Associate Professor	Computer Science & Engineering	30-08-2010	M.Tech (Computer Science & Engineering), B.Tech (Computer Science & Engineering), Diploma (Computer Engineering)
KTU-F27292	Ms AMEETHA JUNAINA T K	Associate Professor	Computer Science & Engineering	02-09-2024	Ph.D (Artificial Intelligence) M.Tech (Digital Signal Processing), B.Tech (Electronics & Communication Engg),
KTU-F45102	Dr Ajmal T S	Associate Professor	Computer Science & Engineering	01-11-2022	Post Doc (Materials Engineering) Ph.D (Material Science And Engineering), M.Tech (Manufacturing Technology), BE (Mechanical Engineering).
KTU-F15427	Mrs DILNA VC	Assistant Professor	Computer Science & Engineering	10-01-2013	M.Tech (Computer Science & Engineering), B.Tech (Computer Science & Engineering)
KTU-F39495	Mrs ASHIKA RAJ	Assistant Professor	Computer Science & Engineering	27-02-2024	M.Tech (Computer Science & Engineering), BE (Computer Science & Engineering)
KTU-F40398	Ms Anjana P	Assistant Professor	Computer Science & Engineering	27-08-2023	M.Tech (Computer Science And Engineering), B.Tech (Computer Science And Engineering)
KTU-F45025	Ms ANUSREE C	Assistant Professor	Computer Science & Engineering	01-12-2022	M.Tech (Computer Science), B.Tech (Computer Science & Engineering)
KTU-F47626	Ms RAHANA SULTHANA AP	Assistant Professor	Computer Science & Engineering	23-02-2024	M.Tech (Computer Science), B.Tech (Computer Science)
KTU-F48872	Ms FAHMIDHA M P	Assistant Professor	Computer Science & Engineering	23-09-2024	Masters (English Literature), Bachelor Of Arts (English Literature)
KTU-F48993	Ms VISMAYA P	Assistant Professor	Computer Science & Engineering	04-10-2024	Masters (Mathematics), Bachelor Of Science (Mathematics)
KTU-F49036	Ms NIDAFATHIMA P P	Assistant Professor	Computer Science & Engineering	23-09-2024	Masters (Chemistry), Bachelor Of Science (Chemistry)
KTU-F49693	Ms RAFA P IBRAHIM	Assistant Professor	Computer Science & Engineering	20-01-2025	M.Tech- Computer Science And Engineering B.Tech - Computer Science And Engineering
KTU-F16674	Dr KAVITHA S MURUGESAN	Professor	Computer Science & Engineering	21-08-2023	Ph.D Computer Science And Engineering), MS (Software Technology), B.E (Electronics & Communication Engg)
KTU-F17324	Ms SHABANA VANNANTAVIDA	Asst Professor	Computer Science & Engineering	24-06-2005	B.Tech (Computer Science & Engineering), M.Tech (Computer Science & Engineering)





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KTU-F48652	Ms GOPIKA P	Asst Professor	Computer Science & Engineering	29-07-2024	Master Of Technology (Computer Science & Engineering), Bachelor Of Technology (Computer Science & Engineering)
KTU-F49089	Ms SHAMEEMA C	Assitant Professor	Computer Science & Engineering	28-10-2024	M.Sc (Mathematics), B.Sc (Mathematics),B.Ed (Mathematics)
KTU-F17375	Mrs JASMINE P	Associate Professor	Electrical And Electronics Engineering	13-08-2007	M.Tech (Digital Signal Processing), B.Tech (Electrical And Electronics Engineering)
KTU-F17707	Mrs FATHIMA SAPNA P	Associate Professor	Electrical And Electronics Engineering	16-08-2005	M.Tech (Power Systems), B.Tech (Electrical Engineering)
KTU-F15319	Mrs BABITHA P	Assistant Professor	Electrical And Electronics Engineering	21-06-2008	M.Tech (Digital Signal Processing), B.Tech (Electrical And Electronics Engineering)
KTU-F17652	Mr ROHITH K	Assistant Professor	Electrical And Electronics Engineering	18-06-2012	M.Tech (Power Electronics), B.Tech (Electrical And Electronics Engineering)
KTU-F17722	Mrs SHALET P ABRAHAM	Assistant Professor	Electrical And Electronics Engineering	11-08-2008	M.E (Power Systems), B.Tech (Electrical Engineering), Pg Diploma (Vlsi Design)
KTU-F17388	Mrs RAJANI VR	Asst Professor	Electrical And Electronics Engineering	20-10-2008	M.Tech (Digital Signal Processing), B.Tech (Electrical And Electronics Engineering)
KTU-F22316	Mrs PUNITHA V	Associate Professor	Electronics & Communication Engg	25-08-2006	M.Tech (Embedded Systems Design), BE (Electronics & Communication Engg), Diploma (Computer Science & Engineering)
KTU-F15892	Mr MURALI KRISHNAN KAILAS	Assistant Professor	Electronics & Communication Engg	02-09-2013	M.Tech (Power And Energy Engineering), B.Tech (Electrical And Electronics Engineering)
KTU-F17301	Ms APARNA K C	Assistant Professor	Electronics & Communication Engg	11-08-2008	ME (Applied Electronics), B.Tech (Electronics & Communication Engg), Diploma (Electronics)
KTU-F21765	Ms AMRITHA P	Assistant Professor	Electronics & Communication Engg	20-03-2013	M.Tech (Digital Signal Processing), B.Tech (Electronics & Communication Engg)
KTU-F24488	Mrs NUSRATH ALI TK	Assistant Professor	Electronics & Communication Engg	01-03-2007	M.Tech (Communication Engineering), B.Tech (Electronics & Communication Engg)
KTU-F46850	Dr Najlah C P	Professor	Electronics & Communication Engg	03-10-2023	M.Tech (Telecommunication), B.Tech (Electronics And Communication), Ph.D (Electronics And Communication)



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KTU-F17371	Mr MANU PRASAD	Asst Professor	Electronics & Communication Engg	12-03-2012	M.Tech (Vlsi And Embedded Systems), B.Tech (Electronics & Communication Engg)
KTU-F23700	Mrs ANUJA K	Associate Professor and HOD	Electronics & Communication Engg	04-03-2024	ME (Power Electronics And Drives), B.Tech (Electronics And Instrumentation)
KTU-F17724	Mr JIBI R	Associate Professor	Mechanical Engineering	04-12-2012	M.Tech (Production And Industrial Engineering), B.Tech (Mechanical Engineering), Diploma (Tool And Die Making)
KTU-F15324	Mr NIKHIL K V	Assistant Professor	Mechanical Engineering	02-05-2014	M.E (Production Engineering), B.Tech (Mechanical Engineering)
KTU-F17054	Mr ARUNLAL V	Assistant Professor	Mechanical Engineering	18-09-2019	M.E (Manufacturing Engineering), B.Tech (Mechanical Engineering), GME (Marine Engineering)
KTU-F17075	Mr SAFEER M	Assistant Professor	Mechanical Engineering	20-10-2014	M.Tech (Manufacturing Engineering), B.Tech (Mechanical Engineering),
KTU-F17685	Mr ISMAIL OK	Assistant Professor	Mechanical Engineering	07-02-2012	M. Phil (Economics), M.A (Economics), B.A (Economics), B.Ed (Economics)
KTU-F24076	Ms NEHA SIVADAS T N	Assistant Professor	Mechanical Engineering	01-01-2021	M.Sc (Physics), B.Sc (Physics), B.Ed (Physics)
KTU-F26564	Mr MUHAMMED MUSTHAFA	Assistant Professor	Mechanical Engineering	03-02-2016	Masters in Physical Education (Volleyball), BSc Physics (Physical Education)
KTU-F39191	Mr Kiran Murali P	Assistant Professor	Mechanical Engineering	27-02-2023	M.Tech (Energy Systems Analysis And Design), B.Tech. (Mechanical Engineering)
KTU-F40634	Mr ABHIRAM K	Assistant Professor	Mechanical Engineering	03-10-2023	M.Tech (Automotive Engineering), B.Tech (Mechanical Engineering)
KTU-F43682	Mrs SUDHEELA MOL M S	Assistant Professor	Mechanical Engineering	17-05-2022	Masters (Economics), Bachelor Of Arts (Economics), B. Ed. (Social Science)
KTU-F17721	Dr SHAHIR VK	Professor	Mechanical Engineering	01-11-2001	Ph.D (Mechanical Engineering), M.Tech (Thermal Engineering), B.Tech (Mechanical Engineering)
KTU-F17655	Dr SREERAM DHARMARAJ	Professor And HOD	Mechanical Engineering	17-02-2010	Ph.D(Mechanical Engineering), M.E. (Thermal Engineering), B Tech In Mechanical Engineering
KTU-F47449	Ms Anjana Babu	Assistant Professor	Master Of Computer Applications	12-02-2024	MCA (Comuter Science And Engineering), BCA (Computer Sceince & Engineering)
KTU-F48931	Mrs AISWARYA N	Assistant Professor	Master Of Computer Applications	03-10-2024	Masters (Computer Application), Bachelor Of Science (Computer Science)





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KTU-F48934	Mr MUHAMMED MUHSIN K	Assistant Professor	Master Of Computer Applications	24-09-2024	MCA, B. Sc (Computer Science), UGC Net (Computer Sceince & Engineering)
KTU-F17403	Mrs SRUTI SUDEVAN	Associate Professor and HOD	Master Of Computer Applications	08-06-2007	Masters - Computer Application, B Com (Commerce)

## 8. Profile of the Principal

Name	Dr SABEENA M V			
Date of Birth	20-05-1969			
AICTE Unique Id	1-2667064906			
Educational Qualification	Ph.D (Structural Engineering), M.Tech (Structural Engineering), B.Tech (Civil Engineering)			
Work Experience	Teaching	Research	Industry	Other
	17	4	10	-
Area Of Specialization	Structural Engineering			
Research Guidance				
No. of Paper/ Journal Published	National Journal/ International Journals/ Conferences		34	
Research Projects Guided	UG		12	
	PG		26	
	Ph. D			

## 9. Fees

APPROVED FEE STRUCTURE					
BRANCH/ QUOTA	B.Tech Mechanical Engineering Per Year	B.Tech Civil Engineering Per Year	B.Tech Electrical & Electronics Engineering Per Year	B.Tech Electronics & Communication Engineering Per Year	B.Tech Computer Science & Engineering Per Year
Government	50000	50000	50000	50000	50000
Management	40000	40000	40000	40000	60000
NRI	50000	50000	50000	50000	80000
Lateral Entry	25000	25000	25000	25000	25000
	Master in Computer Applications(MCA) 50000 Per Year	M.Tech VLSI Design Per Year 50000	M.Tech Structural Engg Per Year 50000	M.Tech Computer Science Per Year 50000	



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Time schedule for payment of fee for the entire programme	Fees to be paid every year
No. of Fee waivers granted with amount and name of students	Tuition fees are waived off for the students selected under the TFW scheme and the meritorious SC/ST/OEC students selected under the merit list by the government.
Number /Details of scholarship offered by the Institution, duration and amount	Management will provide scholarships to meritorious students based on their KEAM score and Plus Two marks. The scholarship will be continued in subsequent years only if the candidate maintains satisfactory academic Performance.

## 10. Admission

SI No	Name of Programme	Year of Inception	Sanctioned Intake	
B.Tech (4 year)				
1	Computer Science and Engineering	2001	120	
2	Electronics and Communication Engineering	2001	30	
3	Electrical and Electronics Engineering	2002	30	
4	Civil Engineering	2004	60	
5	Mechanical Engineering	2004	60	
6	Artificial Intelligence & Data Science	2024	60	
M.Tech (2 year)				
1	Structural Engineering	2012	18	
2	VLSI Design	2012	09	
3	Computer Science and Engineering	2013	09	
4	Power Electronics	2013	09	
MCA (2 year)				
1	Master of Computer Applications	2004	60	
Number of Students admitted under various categories each year in the last three years.		2022-23	2023-24	2024-25
		177	184	218
Number of applications received during last year for admission under Management Quota and number admitted.		Year	Application Received	Admitted
		2022-23	122	99
		2023-24	142	130
		2024-25	153	115



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11. Admission Procedure		
Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)	<p>B. Tech admissions under the government and management quotas are conducted based on the Kerala Engineering Entrance Examination (KEAM). Website: <a href="http://www.cee-kerala.org/">http://www.cee-kerala.org/</a></p> <p>B. Tech admission under NRI quota are conducted on the basis of PCM marks scored in the Plus two examinations.</p> <p>B. Tech LET (Lateral Entry) admission LET exam, conducted by Directorate of Technical Education, Kerala. Website: <a href="http://www.dtekerala.gov.in/">www.dtekerala.gov.in/</a></p>	
Number of seats allotted to different Test Qualified candidate separately (AIEEE//JEE/ CET (State conducted test/ University tests/ CMAT)/ Association conducted test etc.)	Students can be admitted to various B. Tech courses under the management quota based on their JEE score as well.	
Calendar for admission against Management quota seats	Admission against Management quota seats will starts from June to August of every year.	
	Last date of request for applications	20 <sup>th</sup> July 2024
	Last date of submission of applications	25 <sup>th</sup> July 2024
	Release of admission list (main list and waiting list)	1 <sup>st</sup> August 2024
	Date for acceptance by the candidate	24 <sup>th</sup> August 2024
	Starting of the Academic session	13 <sup>th</sup> September 2024
	Last date for closing of admission	15th September 2024
The waiting list shall be activated only on the expiry of date of main list		
The policy of refund of the Fee, in case of withdrawal.	As per the directions published by AICTE & State Government.	

12. Criteria and Weightages for Admission	
Describe each criterion with its respective weightages i.e., Admission Test, marks in qualifying examination etc.	The admission process for the B.Tech. programme adheres strictly to the guidelines set forth by the Government of Kerala, the Government of India, and esteemed statutory bodies like AICTE and APJ Abdul Kalam Technological University.
<b>Eligibility Criterion:</b> <b>1. B.Tech First Year</b> A pass in higher secondary or equivalent examination, with 50% marks in Mathematics separately, and with at least 50% of the total marks for Physics, Chemistry & Mathematics put together. Candidates should qualify	



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KEAM (Kerala engineering and medical entrance exam) exam conducted by CEE (Common Entrance Examination). Applications from NRI quota does not need KEAM score.

**Eligibility Criteria for Admission in Management Quota:** The applicant should have completed Higher Secondary Examination of the Board of Higher Secondary Education of Kerala or an examination recognized equivalent thereto with at least 45% marks in Mathematics, Physics and Chemistry/equivalent subjects put together or equivalent grade. Rounding off the percentage of marks to the nearest whole number is not permitted.

**Entrance Examination:** Candidates should qualify (a minimum of 10 marks each in Paper I and Paper II) in the Engineering Entrance Examination conducted by the Commissioner of Entrance Exams, Govt. of Kerala (KEAM) and should be listed in KEAM Rank List. Candidates qualified in JEE are also eligible for admission in management quota.

**Admission Procedure for NRI Students:** The Management is entitled to fill up 15% seats in the NRI category (NRI) by admitting qualified students who are dependents of Non-Resident Indians. These students are exempted from qualifying in any Entrance Test and can be admitted based on their academic eligibility as stipulated by AICTE, Govt of Kerala and APJ Abdul Kalam Technological University (KTU).

**Academic Requirements for NRI Quota:** The applicant should have completed Higher Secondary Examination of the Board of Higher Secondary Education of Kerala or an examination recognized equivalent thereto with at least 40% marks in Mathematics, Physics and Chemistry/equivalent subjects put together or equivalent grade. Rounding off the percentage of marks to the nearest whole number is not permitted.

## 2. B.Tech Second Year (Lateral Entry)

Candidates who have passed Diploma in Engineering Technology awarded by State Board of Technical Education or Institutions under Govt of India after undergoing regular course with at least 45% marks. Candidates should also qualify LET exam, conducted by DTE.

## 3. M.Tech

The M.Tech. Degree courses affiliated to A.P.J Abdul Kalam Technological university under the semester scheme of studies comprises two years (four semesters). Admission to the M.Tech. programme, admission policy and procedure shall be decided from time to time based on the guidelines issued by the Government of Kerala and the Government of India and other statutory bodies such as AICTE, KTU etc.

Candidates should have completed their BE/B.Tech graduation from an institution approved by AICTE/Deemed University in India with minimum aggregate marks of 60% in the qualifying examination. For SEBC students, a minimum of 55% aggregate marks in the Engineering Degree examination is mandatory. Candidates should also qualify GATE exam. There is also the option to apply through non-GATE category.

## 4. MCA

### **Eligibility for Admission (MCA)**

Passed any graduation degree (e.g.: B.E. / B.Tech./B.Sc / B.Com. / BCA etc.,) preferably with Mathematics at 10+2 level or at Graduation level. Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination. (for students having no Mathematics background compulsory bridge course will be framed by the respective University/ Institution and additional bridge courses related to computer subjects as per the norms of the concerned University).

## 13. List of Applicants

List of candidates whose applications have been received along with percentile/percentages core for each of the qualifying examinations in separate categories for open seats.



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## 14. Results of Admission Under Management seats/Vacant seats

Composition of selection team for admission under Management Quota	<p>The admission committee handles the admission of students to various undergraduate and graduate programmes. The committee grants admission to the students to pursue their chosen course of study in accordance with the students' credentials and performance on entrance exams. The Chairperson of Admission committee is Dr. Sabeena MV (Principal).</p> <p>Admission Committee Members:  <a href="https://awhengg.org/view-committee/9/">https://awhengg.org/view-committee/9/</a></p>		
List of candidate who have been offered admission last year	Merit	Management	NRI
	60	115	43

## 15. Information of Infrastructure and Other Resources Available

- Number of Class Rooms and size of each
- Number of Tutorial rooms and size of each
- Number of Laboratories and size of each
- Number of Computer Centres with capacity of each
- Central Examination Facility, Number of rooms and capacity of each

### Administrative Area

Room No.	Room type (mention Classroom /Laboratory/Toilet, etc.)	Carpet area (m <sup>2</sup> )	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
100	Other	25.214	Ready	Ready	Ready
101	Office All Inclusive	61.89	Ready	Ready	Ready
102	Principal Directors Office	72.15	Ready	Ready	Ready
102A	Reception Area	52.151	Ready	Ready	Ready
104A	Cabin for Head of Dept	20	Ready	Ready	Ready
107A	Cabin for Head of Dept	20	Ready	Ready	Ready
115-A	Faculty Room	20	Ready	Ready	Ready
118	Housekeeping	24.55	Ready	Ready	Ready
119	Central Store	30	Ready	Ready	Ready
121	Faculty Room	23.56	Ready	Ready	Ready
122	Faculty Room	11.5	Ready	Ready	Ready
124	Faculty Room	28.48	Ready	Ready	Ready
125	Faculty Room	23.44	Ready	Ready	Ready



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127	Maintenance	22.91	Ready	Ready	Ready
202	Exam Control Office	88.62	Ready	Ready	Ready
202A	Cabin for Head of Dept	20	Ready	Ready	Ready
207A	Faculty Room	20	Ready	Ready	Ready
215	Faculty Room	80.98	Ready	Ready	Ready
218A	Placement Office	92.33	Ready	Ready	Ready
224	Cabin for Head of Dept	23.44	Ready	Ready	Ready
226A	Faculty Room	20	Ready	Ready	Ready
310A	Faculty Room	20	Ready	Ready	Ready
315	Faculty Room	60.98	Ready	Ready	Ready
315A	Cabin for Head of Dept	20	Ready	Ready	Ready
318	Cabin for Head of Dept	20	Ready	Ready	Ready
318A	Faculty Room	72.22	Ready	Ready	Ready
327	Maintenance	25	Ready	Ready	Ready
A22	Board Room	45.78	Ready	Ready	Ready
M04	Faculty Room	13.52	Ready	Ready	Ready
M10	Reception Area	46.95	Ready	Ready	Ready
M11	Principal Directors Office	143.22	Ready	Ready	Ready
M12	Office All Inclusive	209.66	Ready	Ready	Ready
M13	Office All Inclusive	93.2	Ready	Ready	Ready
S1	Security	20	Ready	Ready	Ready

### Amenities Area

Room No.	Room type (mention Classroom /Laboratory/Toilet, etc.)	Carpet area (m <sup>2</sup> )	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
119	Stationery Store	30	Ready	Ready	Ready
128	First aid cum Sick Room	24.32	Ready	Ready	Ready
17	Toilet	697	Ready	Ready	Ready
206	Auditorium	269.1	Ready	Ready	Ready
227A	Boys Common Room	100	Ready	Ready	Ready
308A	Girls Common Room	100	Ready	Ready	Ready
323	Sports Club	23.44	Ready	Ready	Ready
C1	Cafeteria	250	Ready	Ready	Ready
G1	Girls' Hostel	6132	Ready	Ready	Ready





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## Instructional Area

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpet area (in m <sup>2</sup> )	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
104	Laboratory	88.621	Ready	Ready	Ready
106	Laboratory	269.1	Ready	Ready	Ready
107	Laboratory	102.72	Ready	Ready	Ready
108	Laboratory	160.2	Ready	Ready	Ready
109	Workshop	113.87	Ready	Ready	Ready
110	Laboratory	169.05	Ready	Ready	Ready
111	Classroom	80.98	Ready	Ready	Ready
112	Laboratory	108.35	Ready	Ready	Ready
113	Laboratory	167.263	Ready	Ready	Ready
115	Laboratory	60.98	Ready	Ready	Ready
116	Classroom	80.5	Ready	Ready	Ready
117	Classroom	80.98	Ready	Ready	Ready
120A	Laboratory	150	Ready	Ready	Ready
120B	Laboratory	148.38	Ready	Ready	Ready
123	Laboratory	372.47	Ready	Ready	Ready
126	Laboratory	372.47	Ready	Ready	Ready
129	Laboratory	298.62	Ready	Ready	Ready
200	Seminar Hall	134.5	Ready	Ready	Ready
201	Laboratory	81.89	Ready	Ready	Ready
203	Classroom	81	Ready	Ready	Ready
204	Laboratory	108.62	Ready	Ready	Ready
207	Laboratory	102.2	Ready	Ready	Ready
208	Computer Laboratory	160.2	Ready	Ready	Ready
211	Classroom	80.98	Ready	Ready	Ready
212	Laboratory	108.35	Ready	Ready	Ready
213	Computer Laboratory	167.26	Ready	Ready	Ready
214	Tutorial Room	80.5	Ready	Ready	Ready
216	Tutorial Room	80.5	Ready	Ready	Ready
217	Classroom	80.98	Ready	Ready	Ready
219	Laboratory	148.21	Ready	Ready	Ready
220	Classroom	146.95	Ready	Ready	Ready
221	Tutorial Rooms - PG	33	Ready	Ready	Ready
222	Tutorial Rooms - PG	33	Ready	Ready	Ready
223	Tutorial Rooms - PG	33	Ready	Ready	Ready
225	Laboratory	146.92	Ready	Ready	Ready



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226	Laboratory	131.348	Ready	Ready	Ready
300	Workshop	134.5	Ready	Ready	Ready
301	Classroom	81.89	Ready	Ready	Ready
302	Classroom	108.62	Ready	Ready	Ready
303	Tutorial Room	81	Ready	Ready	Ready
304	Laboratory	108.62	Ready	Ready	Ready
305	Laboratory	67.43	Ready	Ready	Ready
305A	Laboratory	65	Ready	Ready	Ready
306	Classroom	80.1	Ready	Ready	Ready
307	Classroom	80.1	Ready	Ready	Ready
308	Classroom	80.1	Ready	Ready	Ready
309	Laboratory	105.02	Ready	Ready	Ready
310B	Laboratory	156.72	Ready	Ready	Ready
311	Classroom	80.98	Ready	Ready	Ready
312	Classroom	108.35	Ready	Ready	Ready
313	Drawing Hall	167.26	Ready	Ready	Ready
314	Tutorial Room	80.5	Ready	Ready	Ready
316	Classroom	80.5	Ready	Ready	Ready
317	Classroom	80.98	Ready	Ready	Ready
319	Classroom	148.83	Ready	Ready	Ready
320	Classroom	146.95	Ready	Ready	Ready
321	Tutorial Room	23.44	Ready	Ready	Ready
322	Tutorial Room	23.44	Ready	Ready	Ready
324	Tutorial Room	23.44	Ready	Ready	Ready
325	Classroom	146.95	Ready	Ready	Ready
326	Drawing Hall	148.83	Ready	Ready	Ready
328	Additional Workshop	400	Ready	Ready	Ready
A21	Guest Room	140.44	Ready	Ready	Ready
M01	Laboratory	119.03	Ready	Ready	Ready
M03	Computer Laboratory	30	Ready	Ready	Ready
M14	Seminar Hall	132	Ready	Ready	Ready
M21	Seminar Hall	130.74	Ready	Ready	Ready
M23	Classroom	119.03	Ready	Ready	Ready
M24	Classroom	88.41	Ready	Ready	Ready
M25	Classroom	88.82	Ready	Ready	Ready
M26	Seminar Hall	130.74	Ready	Ready	Ready
Online Examination Facility		Available			
Number of Nodes		300			
Internet Facility		Available			



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Internet Bandwidth	A 1000 Mbps Kerala vision 2 connections and a BSNL connection of 40 Mbps are provided in the campus.
Occupancy Certificate	Available
Fire and Safety Certificate	Available
Hostel Facilities	Hostel facility available separately for both boys and girls <a href="https://awhengg.org/facilities_details/3/">https://awhengg.org/facilities_details/3/</a>
Number of Library books/ e-books/ Titles/ Journals available	The main Library is functioning from 8am to 6pm on every working day. The Automated Library of AWH Engineering College has an excellent collection of books and magazines on engineering science and related topics. Around 27000 volumes of technical books and several national and international journals are provided to widen the perspective of the students of the college. The collection comprises printed books, CD-ROMs, Audio and video cassettes. The E-Learning Centre (ELC) subscribes to over 5000 electronic resources along with 200 full-text journals accessible due to INDEST subscription. ELC provides access to DELNET also. <a href="https://awhengg.org/view-facilities/5/">https://awhengg.org/view-facilities/5/</a>
List of online National/International Journals subscribed	DELNET (Developing Library Network): <a href="https://delnet.in/index.html">https://delnet.in/index.html</a> J Gate: <a href="https://jgatenext.com/">https://jgatenext.com/</a> MAT Journals: <a href="https://matjournals.net/engineering/">https://matjournals.net/engineering/</a>

List of Major Equipment/Facilities in each Laboratory/Workshop	
List of Laboratories and Workshops	<a href="https://awhengg.org/view-facilities/6/">https://awhengg.org/view-facilities/6/</a>
Department	Labs and Facilities
Applied Science	<a href="https://awhengg.org/department-details/1/">https://awhengg.org/department-details/1/</a>
Civil Engineering	<a href="https://awhengg.org/department-details/2/">https://awhengg.org/department-details/2/</a>
Computer Science & Engineering	<a href="https://awhengg.org/department-details/3/">https://awhengg.org/department-details/3/</a>
Electronics & Communication Engineering	<a href="https://awhengg.org/department-details/4/">https://awhengg.org/department-details/4/</a>
Electrical & Electronics Engineering	<a href="https://awhengg.org/department-details/5/">https://awhengg.org/department-details/5/</a>
Mechanical Engineering	<a href="https://awhengg.org/department-details/6/">https://awhengg.org/department-details/6/</a>
Artificial Intelligence and Data Science	<a href="https://awhengg.org/department-details/8/">https://awhengg.org/department-details/8/</a>
Master of Computer Applications	<a href="https://awhengg.org/department-details/7/">https://awhengg.org/department-details/7/</a>

Innovation Cell	
IEDC	The Innovation and Entrepreneurship Development Cell (IEDC) at AWH Engineering College is dedicated to fostering a culture of innovation and entrepreneurship among students. Our mission is to help students transform their creative ideas into successful startups by providing mentorship, resources, and funding opportunities. IEDC aims to equip



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	<p>students with the skills and confidence needed to navigate the entrepreneurial journey and make a positive impact on society.</p> <p>Our key objectives include inspiring innovation, developing entrepreneurial skills, and connecting students with mentors, industry professionals, and investors. IEDC organizes a range of programs such as Entrepreneurship Awareness Camps, Startup Workshops, and Idea to Prototype Challenges, helping students refine their ideas and build real-world solutions. Our Pitching Competitions offer students a platform to present their business ideas to investors and industry leaders, providing valuable feedback and funding opportunities.</p> <p>Through these initiatives, IEDC has successfully incubated student startups, earning national recognition and supporting students in launching their ventures. Whether you're looking to start your own business or develop entrepreneurial skills, IEDC at AWH Engineering College provides the resources and support to turn your ideas into reality.</p>
IIC	<p>The Institution's Innovation Council (IIC) at AWH Engineering College fosters a culture of innovation and entrepreneurship, aiming to transform creative ideas into impactful solutions. Under the Ministry of Education's MHRD Innovation Cell, IIC provides a platform for students and faculty to explore new ideas, develop innovative projects, and collaborate with industry experts.</p> <p>Through innovation challenges, hackathons, workshops, and entrepreneurship programs, IIC encourages students to enhance their skills, work on startup ventures, and engage in research and development. The council also offers incubation support and mentorship, helping students turn their ideas into successful businesses.</p> <p>Joining IIC provides opportunities for networking, skill-building, and gaining recognition for innovative work, making it the perfect platform for students to bring their ideas to life and make a meaningful impact.</p>

Social Media Cell	
<p>The AWH Engineering College Social Media Cell is dedicated to fostering a vibrant online community and enhancing the college's digital presence. Comprised of a dynamic team, including Mr. Rasheed KT, Mr. Musthafa, Mr. Abdul Samad, Mr. Safeer M, and Mr. Manu Prasad, the cell manages and curates content across various social media platforms.</p>	
Activities of social media Cell	<p>The Social Media Cell is responsible for:</p> <ul style="list-style-type: none"> <li>• Creating and sharing engaging content, including photos, videos, and updates.</li> <li>• Managing the college's official social media accounts.</li> <li>• Monitoring social media trends and implementing effective strategies.</li> <li>• Responding to inquiries and comments from the online community.</li> <li>• Promoting college events and announcements.</li> </ul>



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Compliance of the Academic Bank of Credit (ABC), applicable to PGCM/ PGDM Institutions and University Departments	Available
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List Of Facilities Available	
Games and sports facilities	Play grounds available for football, cricket, volleyball and other sports activities. A 200 m track is laid for this purpose. Special coaching programs are conducted for the students to participate in inter college/University level sports competition.
Physical education	Available
Extra-curricular activities	<ol style="list-style-type: none"><li>1. Arts fest – Saaya: <a href="https://awhengg.org/website-social-view/1/">https://awhengg.org/website-social-view/1/</a></li><li>2. Tech fest - Athma <a href="https://awhengg.org/website-activity-view/7/">https://awhengg.org/website-activity-view/7/</a></li><li>3. Professional Bodies/Clubs <a href="https://awhengg.org/website-activity-view/12/">https://awhengg.org/website-activity-view/12/</a></li><li>4. Department Associations <a href="https://awhengg.org/website-activity-view/10/">https://awhengg.org/website-activity-view/10/</a></li><li>5. National Service Scheme <a href="https://awhengg.org/website-social-view/2/">https://awhengg.org/website-social-view/2/</a></li></ol>
Soft skill development facilities	Language lab facility available, Soft skill training provided by placement cell

Video links	
Infrastructure and facilities	<a href="https://www.youtube.com/watch?v=2eWFj2Oyv0A">https://www.youtube.com/watch?v=2eWFj2Oyv0A</a>
Courses offered	<a href="https://www.youtube.com/watch?v=spxHL3cX1lY">https://www.youtube.com/watch?v=spxHL3cX1lY</a>



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Teaching Learning Process	
Curriculum and syllabus for each of the programmes as approved by the University	<p><b>Curriculum and Syllabus</b></p> <p><b>S1, S2 (all Branches)</b>            B.Tech curriculum 2019 APJAKTU: <a href="#">curriculum_S1_S2_2019.pdf - Google Drive</a>            B.Tech curriculum 2024 APJAKTU: <a href="#">B. Tech. Curriculum 2024.pdf - Google Drive</a></p> <p><b>Civil Engineering</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p> <p><b>Computer Science &amp; Engineering</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p> <p><b>Electronics &amp; Communication Engineering</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p> <p><b>Electrical &amp; Electronics Engineering</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p> <p><b>Mechanical Engineering</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p> <p><b>Artificial Intelligence and Data Science</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p> <p><b>Master of Computer Applications</b>  <a href="#">Curriculum and Syllabus - Google Drive</a></p>
Academic Calendar	<a href="https://www.ktu.edu.in/academics/academic_calendar">https://www.ktu.edu.in/academics/academic_calendar</a>
Academic Time Table with the name of the Faculty members handling the Course	<p>Academic Time Table with the name of the Faculty members handling the Course: Displayed in Notice Board and E-Campus Management system (awh.etlab)</p> <p><b>Teaching Load of each Faculty/Weekly</b>            Principal-4 Hours, HOD – 8 Hours            Professor – 10 Hours, Associate Professor-10Hours            Assistant Professor – 12 Hours  <a href="https://awh.etlab.app/user/login">https://awh.etlab.app/user/login</a></p>
Internal Continuous Evaluation System	Available
Student's assessment of Faculty System	<p>An online feedback mechanism is provided in E- campus management system (awh.etlab), done in each semester for all individual subjects.  <a href="https://awh.etlab.app/user/login">https://awh.etlab.app/user/login</a></p>





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## Internal Continuous Evaluation System and B.Tech Regulations

### The A. P. J. Abdul Kalam Technological University Academic Regulations for B. Tech, 2019

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

#### 1. Preamble

R1.1	The University has the right to modify the regulations from time to time.
R1.2	In all matters related to the regulations, the decision of the University and its interpretation given by the BOG shall be final and binding.

#### 2. Admission

R2.1	Admission policy, eligibility for admission and admission procedure shall be decided by the University or the competent statutory authority for admissions from time to time.
R2.2	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.
R2.3	No student shall be permitted, under any circumstances, to change the branch/stream to which he/she is admitted by the competent authority for admission.
R2.4	A student admitted to a particular institute shall continue studying in that institute till the completion of the course, unless he/she is permitted an inter college transfer as per R9.1-12.

#### 3. Structure of B.Tech. Program.

R3.1	The duration of the B.Tech. Program shall be 4 years (8 semesters)
R3.2	The maximum duration shall be six academic years spanning 12 semesters.
R3.3	Every academic year shall have two semesters “1 <sup>st</sup> July to 31 <sup>st</sup> December (Odd semester)” and “1 <sup>st</sup> January to 30 <sup>th</sup> June (Even semester)”. Each semester shall have minimum of 72 working days. The vacation of the faculty and staff shall be as per the Government orders from time to time.
R3.4	Every branch of the B.Tech Program shall have a curriculum and syllabi for the courses approved by the Academic Council. Syllabus for any course shall be normally modified / updated once in four years. However, innovative elective courses can be included as and when required, on the recommendations of the respective Board of Studies and subject to the approval of the Academic Council. All revisions shall be based only on the recommendations of the Board of Studies concerned.



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R3.5	The academic programs of the University follow the credit system. The general pattern is as below:			
	1 Hr. Lecture (L) per week	1 credit		
	1 Hr. Tutorial (T) per week	1 credit		
	1 to 2 Hours Practical(P) per week	1 credit		
	3 to 4 Hours Practical(P) per week	2 credit		
	The workload of a faculty member shall be the actual number of hours engaged by the faculty member.			
R3.6	The curriculum of any branch of the B.Tech. Program shall have a total of 160 academic credits and 2 additional pass/fail credits.			
R3.7	Every course of B. Tech. Program shall be placed in one of the nine categories as listed in table below.			
	SI No.	Category	Code	Breakup of Credits
	1	Humanities and Social Sciences including Management courses	HSMC	08
	2	Basic Science courses	BSC	26
	3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc.	ESC	22
	4	Professional core courses	PCC	66
	5	Professional Elective courses relevant to chosen specialization/branch	PEC	19
	6	Open subjects – Electives from other technical and /or emerging subjects ` as specified in the curriculum concerned.	OEC	09
	7	Project work, seminar and internship in industry or elsewhere	PROJ	10
	8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge]	MC	Non credit
	9	Mandatory Student Activities (Pass/Fail)	SA	2
	Total Credits			162



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R3.8	No semester shall have more than six lecture-based courses and two laboratory and/or drawing/seminar/project courses in the curriculum. Credit per semester shall not be less than 15 or greater than 25 and cumulative credits shall not be less than 162.
R3.9	The medium of instruction shall be English. All examinations, project/seminar reports and presentations shall be in English.

## 4. Academic Monitoring and Student Support.

R4.1	Advisory System: There shall be one Senior Faculty Advisor (SFA) for a class and a faculty advisor (FA) each for 25 to 35 students in the class. The Principal shall assign a regular faculty member with minimum five years of experience as the Senior Faculty Advisor (SFA) in discussion with the Head of Department concerned.
R4.2	The documents regarding all academic and non academic matters of students under an advisory group shall be kept under the custody of Faculty Advisor/Senior Faculty Advisor.
R4.3	All requests/applications from a student or parent to higher offices are to be forwarded/recommended by his/her Faculty Advisor/Senior Faculty Advisor. Students and parents shall first approach their Faculty Advisor/ Senior Faculty Advisor for all kinds of advice, clarifications and permissions on academic matters. It is the official responsibility of the institution to provide the required guidance, clarifications and advice to the students and parents strictly based on the prevailing academic regulations.
R4.4	<p>The SFA shall arrange separate or combined meetings with advisors; course faculty, Parents and students as and when required and discuss the academic progress of students under their advisory group. The Senior Faculty Advisor/ Faculty Advisor shall also offer guidance and help to solve the issues on academic and non-academic matters including personal issues of the students in their advisory group. Advisory meetings shall preferably be convened:</p> <ol style="list-style-type: none"> <li>1. Immediately after the commencement of the semester.</li> <li>2. Immediately after announcing the marks of the first internal evaluation test.</li> </ol> <p>The internal marks, activity points earned during the semester and eligibility of attendance shall be uploaded in the University portal only after displaying the same in the department notice board at least for two working days. This is for the information and feedback of the students. Any concerns raised by the students regarding attendance and internal marks and activity points shall be looked into in the combined meetings of advisors, course faculty and the students concerned. The principal/ HoD shall ensure the proper redressal of the concerns raised by the students regarding internal assessment and attendance. The FA/SFA shall be the custodian of the minutes and action taken reports of the advisory meetings.</p>
R4.5	The SFA shall get the minutes and action taken reports of advisory meetings approved by the Head of Department and the Principal. It shall be the duty of the HoD and the Principal to produce it before the University as and when required.



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R4.6	The FA/SFA shall keep a hard copy of the consolidated statement of attendance, activity points and internal marks of the students in their advisory group. It shall be kept with the HoD without fail for all sorts of inspections.
R4.7	Regular communication with the parents of students in respect of progress in academic matters and other general issues shall be the responsibility of the Senior Faculty Advisor/ Faculty Advisor.
R4.8	The Principal shall inform/forward all regulations, guide lines, communications, announcements etc issued by the University regarding student academic and other matters to the HoDs/ Senior Faculty Advisors for information and timely action.
R4.9	It shall be the official responsibility of the Principal to arrange necessary orientation programmes to the HoDs, SFAs and SAs regarding student counselling, the prevailing University norms, regulations, guidelines and procedures on all academic and other University related matters.

## 5. Academic Auditing of affiliated institutions.

R5.1	<p>There shall be academic auditing in each affiliated college at stipulated intervals. The academic auditing shall be conducted jointly by an Internal Quality Assurance Cell (IQAC) within the college and external academic auditor(s) appointed by the University. The Internal Quality Assurance Cell (IQAC) in each college shall oversee and monitor all the academic activities including all internal evaluations and examinations. This cell shall prepare academic audit statements in the formats prescribed by the University for each semester at regular intervals. These reports shall be presented to the external academic auditor(s), who shall use it as reference for independent auditing. The external auditor(s) shall submit the final audit report to the University in the prescribed format.</p> <p>Academic auditing shall cover:-</p> <ol style="list-style-type: none"><li>1. Course delivery and adherence to the course plan, syllabus coverage, quality of question papers used for internal examinations, internal evaluation, maintenance of laboratory experimental set ups and equipment, practical assignments, mini projects and conduct of practical classes and their evaluation.</li><li>2. Co-curricular and Extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.</li><li>3. Academic functioning of the college encompassing students, faculty and college administration covering punctuality, attendance, discipline, academic, environment, learning ecosystem, academic accountability, academic achievements and benchmarking.</li><li>4. The audit shall also cover the quality criteria prescribed by NBA/NAAC.</li></ol>
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## 6. Assessment

R6.1	There shall be End Semester Examinations (ESE) in every semester for all courses as prescribed under the respective curriculum, except the Lab/ workshops courses for 1 & 2 semesters. The End Semester Examinations shall be conducted by the University. Semester classes shall be completed at least ten days before the commencement of the End Semester Examination.																		
R6.2	The End Semester Examinations (ESE) shall be held twice in a year – May/June session (for even semesters) and November/December session (for odd semesters). However, the End Semester Examinations of the VII and VIII Semesters shall be conducted in both the sessions.																		
R6.3	Candidates in each semester shall be evaluated both by Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE). The ratio of Continuous Internal Evaluation (CIE) to End Semester Examinations (ESE) shall be as below : 1. Theory Courses : 1 : 2                      3. Project : CIE only 2. Laboratory Courses : 1 : 1                      4. Seminar : CIE only																		
R6.4	<p>Continuous Internal Evaluation (CIE)): The Continuous Internal Evaluation shall be on the basis of the day-to-day work, periodic tests (minimum two in a semester) and assignments (minimum two). The faculty member (s) concerned shall carry out the Continuous Internal Evaluation (CIE) for the course allotted to him/her. The CIE marks for individual subjects shall be computed by giving weightage to the following parameters unless otherwise specified in the curriculum.</p> <table border="1"> <thead> <tr> <th>Course</th><th>Attendance</th><th>Tests</th><th>Assignment/ Class work/ Course project.</th></tr> </thead> <tbody> <tr> <td>Theory</td><td>20%</td><td>50%</td><td>30%</td></tr> <tr> <td>Drawing/ Practical</td><td>20%</td><td>40%</td><td>40%</td></tr> </tbody> </table> <p>There shall be a minimum of two internal evaluation tests, each of 2 hrs duration. Each test shall cover 50% of the syllabus and shall be for 50 marks. Retest shall be permitted to the students who could not appear for the internal tests due to genuine grounds. Three days shall be utilised for conducting the internal evaluation test.</p> <table border="1"> <tbody> <tr> <td>Project work</td><td colspan="3">           a. Work assessed by the project guide – 30%            b. Three member Continuous Internal Evaluation Committee – 40% ( Guide shall be one member in the CIE committee)            c. Final Evaluation by a three member Committee composed of the department project coordinator, guide and an external expert. The external expert shall be an academician or from industry. The industry expert is preferred : 30%            d. One third of the project credit shall be completed in VII semester and two third in VIII semester.         </td></tr> </tbody> </table>			Course	Attendance	Tests	Assignment/ Class work/ Course project.	Theory	20%	50%	30%	Drawing/ Practical	20%	40%	40%	Project work	a. Work assessed by the project guide – 30% b. Three member Continuous Internal Evaluation Committee – 40% ( Guide shall be one member in the CIE committee) c. Final Evaluation by a three member Committee composed of the department project coordinator, guide and an external expert. The external expert shall be an academician or from industry. The industry expert is preferred : 30% d. One third of the project credit shall be completed in VII semester and two third in VIII semester.		
Course	Attendance	Tests	Assignment/ Class work/ Course project.																
Theory	20%	50%	30%																
Drawing/ Practical	20%	40%	40%																
Project work	a. Work assessed by the project guide – 30% b. Three member Continuous Internal Evaluation Committee – 40% ( Guide shall be one member in the CIE committee) c. Final Evaluation by a three member Committee composed of the department project coordinator, guide and an external expert. The external expert shall be an academician or from industry. The industry expert is preferred : 30% d. One third of the project credit shall be completed in VII semester and two third in VIII semester.																		



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R6.11	Students registered for a course have to attend the course regularly and undergo the Continuous Internal Evaluation (CIE) and appear for the End Semester Examinations (ESE). Credits for the course are deemed to be earned only on getting at least a pass grade ‘P’ or better in the composite evaluation.		
R6.12	Pass minimum for a course shall be 40% for the End Semester Examination and 50% of CIE and ESA put together. Letter grade ‘F’ will be awarded to the student for a course if either his/her mark for the End Semester Examination (ESE) is below 40 % or the overall mark [Continuous Internal Evaluation (CIE) + End Semester Examination (ESE)] is below 50 %.		
R6.13	Students who received F grade in an End Semester Examination shall have to appear for the End Semester Examination at the next opportunity and earn the credits. They shall not be permitted to register for the course again.		
R6.14	Continuous Internal Evaluation mark percentage shall not exceed 30% over the End Semester Examination mark %. CIE marks awarded to a student shall be normalised accordingly. For example if the end semester mark % is 40, then the maximum eligible. CIE mark % is 40+30 = 70 %.		
R6.15	Grading is based on the overall % marks obtained by the student in a course, as given in 6.16. The grade card shall only give the grades against the courses the student has registered. Semester grade cards shall give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).		
R6.16	Grade 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%
	B+	8.0	75% and above but less than 80%
	B	7.5	70% and above but less than 75%
	C +	7.0	65% and above but less than 70%
	C	6.5	60% and above but less than 65%
	D	6.0	55% and above but less than 60%
	P (Pass)	5.5	50% and above but less than 55%
	F (Fail)	0	Below 50% (CIE + ESE) / Below 40 % for ESE
	FE	0	Failed due to lack of eligibility criteria (R6.6)
	I	0	Could not appear for the end semester examination but fulfills the eligibility criteria.
	Classification of B.Tech Degree.	First Class with Distinction	CGPA 8.0 and above
		First Class	CGPA 6.5 and above
Equivalent percentage mark shall be = 10 * CGPA – 2.5			





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R6.17	<b>Minimum Cumulative Credit Requirements for Registering to Higher Semesters</b>				
	<b>Semester</b>	<b>Allotted Credits</b>	<b>Cumulative Credits</b>	<b>Minimum cumulative Credits required for B. Tech</b>	<b>Minimum Cumulative Credits required for B. Tech LET.</b>
	First	17	17	Not Applicable	Not Applicable
	Second	21	38	Not Insisted	Not Insisted
	Third	22	60	Not Insisted	Not Insisted
	Fourth	22	82	Not Insisted	Not Insisted
	Fifth	23	105	21 Credits from S1&S2	Not Insisted
	Sixth	24	129	Not Insisted	Not Insisted
	Seventh	15	144	47 Credits from S1 to S4	09 Credits from S3 to S4
	Eight	16	160	Not Insisted	Not Insisted
R6.18	There is no provision for improving the grade. However, the student is permitted to check the answer books of the End Semester Examination after the results are declared, on payment of the prescribed fee. Any discrepancy in evaluation could be brought to the notice of the Controller of Examination, who shall initiate appropriate action as per the University Examination Manual.				
R.6.19	The students can apply for revaluation of the answer books of the end semester examination after the results are declared. The final mark awarded will be the better of the two marks. If the difference in marks obtained in revaluation and the original valuation is more than 15% of the maximum marks, it shall be sent for third valuation. The final mark shall then be the average of the closer of the two marks obtained in the three valuations to the advantage of the student or the mark obtained in the original valuation whichever is higher. The Controller of Examination shall examine such cases and conduct proper enquiry to see whether any of the examiners is responsible for negligent valuation of answer script and initiate suitable action as per the University Examination Manual.				
R6.20	Grade cards shall be made available in the student login for the registered courses, in every semester. On earning the required credits for the degree, the University will issue the final consolidated grade sheet for the B. Tech program including CGPA.				



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R6.21	<p style="text-align: center;"><b>Calculation of SGPA/CGPA</b></p> <p>Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.  <math>SGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}</math>, where 'C<sub>i</sub>' is the credit assigned for a course and 'GP<sub>i</sub>' is the grade point for that course. Summation is done for all courses specified in the curriculum of that semester. The failed and incomplete courses shall also be considered in the calculation.  <math>CGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}</math>, where 'C<sub>i</sub>' is the credit assigned for a course and 'GP<sub>i</sub>' is the grade point for that course. Summation is done for all courses specified in the</p>
	<p>curriculum up to that semester for which the 'CGPA' is needed. Here the failed courses shall also be accounted for.          CGPA for the B. Tech programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.          For students admitted under lateral entry scheme, credits for the first and second semester courses shall not be accounted for in the calculation of CGPA.          Equivalent percentage mark shall be = <math>10 * CGPA - 2.5</math></p>
R6.22	<p>Any act of violation of University directions, indiscipline, misbehavior, or unfair practice in examinations from the part of students, faculty members, staff, institution, management or any other source shall be viewed very seriously. It is the legal responsibility of the principal and the college management to see that the examinations are conducted strictly as per the directions of the University and as specified in the examination Manual. Malpractices in examinations observed or reported by an official employed by the University, faculty member, invigilator or anybody shall be immediately reported to the Principal. The principal shall in turn conduct a preliminary enquiry giving the student concerned a chance to explain his/her case. The Principal shall then forward the case with his/her preliminary enquiry report and remarks to the Controller of Examinations along with all related documents and evidence within two working days. The Controller of examination shall decide the course of action on the issue as per the prescribed norms in the University Examination Manual.</p>
R6.23	<p>A student shall earn 2 credits by actively participating in co – curricular and extra – curricular activities as per the guidelines issued by the University from time to time. On getting minimum 100 activity points the student passes the course and earns the two credits which shall not be counted for the calculation of CGPA but mandatory for the award of the Degree. For the students admitted under lateral entry scheme the 2 credits shall be considered to be earned on getting 75 activity points. The students are required to keep a file containing documentary proofs of activities done by him/her attested by the Senior Faculty Advisor/ Faculty Advisor.</p>



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### 7. Break of Study

R7.1

A student is permitted to avail break of study:

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

For break of study due to illness, students shall submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back, the student should submit the fitness certificate from the doctor who treated him. Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the college Principal. The Principal shall evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and take an appropriate decision based on the team's recommendation. The break of study for the start up shall be permitted only after the 4<sup>th</sup> semester for a maximum duration of two semesters. This is however permitted only on successfully completing the courses listed out in the first two semesters.

Students who require a break in study due to personal reasons shall convince the Principal of the genuine need for it by giving authentic evidence for the same. Students who require a break in study for 'internship leading to employment' shall produce the offer letter obtained from the employer concerned. The principal shall verify the authenticity of the offer and submit his recommendation to the University sufficiently in advance for approval. Only campus placed students with an annual compensation more than 6 lakhs are eligible to avail this facility. In the semester system followed by the University, break of study for an academic year is the preferred option than break of study for a semester. The student can avail the break of study only with the prior approval of the University. The Principal shall upload the request of the student with all relevant documents to the University portal for the approval with his/her recommendations. Students shall have to rejoin on the first working day of the same semester on which he/she had started availing the break of study.



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## 8.Attendance

R8.1	<p>Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances they are permitted to avail leave. Total leave of absence shall not exceed 25% of the academic contact hours for a course and 75% attendance is mandatory for registering to the end semester examination.</p> <p>On medical ground the college Principal can relax the minimum attendance requirement to 60%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal shall keep all records which led to his decision on attendance, for verification by the Academic Auditors/ University officials. This provision is applicable only to any two semesters during the entire program period.</p> <p>In case of prolonged illness, break of study is permitted as per R7.1.</p>
R8.2	<p>The Principals are authorised to grant attendance relaxation (duty leave) to the students in officially sponsored national level competitions/championships/ tournaments when called upon to do so, up to a maximum of 10%. Such students should produce the participation certificate countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extracurricular activities: within ten days of the event. The participation certificate thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the principal shall not consider the certificate if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account. The student shall get official prior permission from the University for representing the University.</p>

8.3	<p>The Principals are authorised to grant attendance relaxation (duty leave) to the students for organising extra/ co-curricular activities, up to a maximum of 0.5%. Such students should produce the required documents countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extra/ co-curricular activities: within ten days of the events. The documents thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the principal shall not consider the documents, if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.</p>
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## 9.Inter College Transfer

R9.1	Inter college transfer shall be applicable only for regular B. Tech students.
R9.2	The transfer shall be permitted just before the commencement of third semester.
R9.3	The transfer shall be with effect from the first working day of the third semester.
R9.4	The transfer shall be only within the sanctioned strength of the receiving college.



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R9.5	The following Category of students shall not be eligible for inter college transfer <ol style="list-style-type: none"> <li>1. Govt. of India Nominee.</li> <li>2. Management Quota in Aided colleges.</li> <li>3. Management Quota in private Self Financing Colleges</li> <li>4. Students admitted under NRI/PIO quota.</li> <li>5. Lateral Entry students.</li> <li>6. Students admitted under TFW Scheme.</li> <li>7. Students admitted in any supernumerary seats.</li> <li>8. Any other category which are ineligible as per the conditions for admission prescribed by Govt. of Kerala/Govt. of India.</li> </ol>
R9.6	The transfer shall be permitted: <ol style="list-style-type: none"> <li>1. Between Govt/ Govt. Aided Colleges.</li> <li>2. Between Self – Financing Colleges. (Including Govt. Controlled SFC).</li> </ol>
R9.7	Notification inviting application for inter college transfer shall be issued by the University just before the commencement of the third semester.
R9.8	The candidate should fulfill the academic eligibility requirement for promotion to the third semester.
R9.9	If the number of applicants is more than the vacant seats available, the transfer may be based on the Kerala Engineering Entrance Rank.
R9.10	The students shall opt only one college for inter college transfer.
R9.11	The selected candidates shall remit a fee of Rs 3000/- (No fee for SC/ST students) within the stipulated date to the University. However, this rule is not applicable to the students transferred to other institutes under “Shift College” University order.
R9.12	The College transfer once approved by the receiving college will be final and binding on the applicant. No student will be permitted, under any circumstances, to refuse the change of college once offered.

## 10.Migration from other Universities

R10.1	Migration to the University from other Universities shall be permitted only if the parent University and the APJ Abdul Kalam Technological University enters into a bipartite agreement/ MoU for this purpose. However, this condition is not applicable to the students in any of the Engineering colleges/ institutions, which, before the commencement of KTU Act, remained affiliated to Universities except Deemed to be Universities in the State of Kerala.
R10.2	The student shall be permitted to migrate only if he/she fulfills the University eligibility criteria for admission to the course applied for migration.
R10.3	The migration shall be permitted only up to the fifth semester of the B. Tech program and half the duration of the program in the case of other programs.



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R10.4	The admission shall be offered on migration basis through lateral transfer of credits. Lateral credit transfer shall be as recommended by the concerned Board of Studies.
R10.5	The students shall be allowed to migrate to the University subject to satisfying the rules and regulations of the University as regards to, maximum number of backlogs, grade points, minimum credit requirement for promotion to higher semesters, etc.
R10.6	The student shall be offered admission in any of the affiliated colleges/institutions of the University subject to availability of seats. The student shall produce no objection certificate from the concerned college/institute in this regard.
R10.7	The students offered admission shall have to take transitory courses/ additional courses of the previous semesters to satisfy the program requirement as recommended by the concerned board of studies.
R10.8	The students offered admission shall pay the migration fees and the University fees as prescribed by the University. The application processing fee (University fee) shall be Rs 5000/- (Rupees five thousand only) and the migration fees shall be Rs 20000/- (Rupees twenty thousand only). The migration fee is charged for the meeting expenses of the concerned Board of studies to decide on the student suitability for migration and to recommend the transitory courses/ additional courses to be done by the student to fulfill the academic requirement of the University. The processing fee shall be paid along with the application, and the migration fee shall be paid to the University at the time of offering admission. The fee once paid shall not be refunded under any circumstances. The students in any of the Engineering colleges / institutions, which, before the commencement of KTU Act remained affiliated to Universities except Deemed to be Universities in the State of Kerala, are exempted from paying the processing fee and the migration fee.
R10.9	The migrated students shall follow the rules and regulations of the University.
R10.10	The students offered admission shall produce a migration certificate from the parent University at the time of admission.
R10.11	The student offered admission shall produce a character certificate from the parent institute/University at the time of admission.
R10.12	Regulations, Scheme and Syllabus of the respective specialization attested by the Registrar of the parent University or equivalent authority shall be submitted to the University along with the application seeking migration to the University.
R10.13	Attested copies of all certificates and mark lists from 10 <sup>th</sup> onwards shall be submitted along with the application for migration (Original certificates and mark lists shall be produced as and when required by the University).
R10.14	Assessment of the student suitability for migration in terms of programs, backlogs, grade points, credit requirements, etc shall be done by the concerned Board of Studies.





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R10.15	Assessment of the transitory courses/ additional courses to be done by the student as per the academic requirement of the University shall be as recommended by the concerned Board of Studies.
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## 11. Minor in Engineering.

R11.1	All B. Tech students shall be eligible to register for Minor in Engineering.
R11.2	The Minor in Engineering registration shall be along with the registration of the 3 <sup>rd</sup> semester.
R11.3	If a student fails in any course of the minor, he/she shall not be eligible to continue the B.Tech Minor. However, the additional credits and grades thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.
R11.4	The student shall earn additional 20 credits to be eligible for the award of B. Tech Degree with Minor.
R11.5	Out of the 20 Credits, 12 credits shall be earned by undergoing a minimum of three courses, during the specified period. The total number of contact hours for these courses shall be 126 Hrs (42 Hrs/course). The duration of a course shall be a minimum of 14 weeks. The remaining 8 credits could be acquired through two MOOCs recommended by the Board of studies and approved by the Academic Council.
R11.6	Curriculum and the syllabus of the four courses shall be approved by the Board of studies and the Academic Council.
R11.7	The assessment of the courses other than MOOCs and earning of credits shall be as per R6.1 to R6.23. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.
R11.8	Undergraduate Degree with minor shall be issued by the University to the students who fulfil all the academic eligibility requirements for the B. Tech program and Minor in Engineering.

## 12. B. Tech (Honours)

R12.1	All B. Tech students are eligible to register B.Tech (Honours). However, their mandatory CGPA at the end of eighth semester shall be 8.5 or higher to be eligible for the award of B. Tech (Honours).
R12.2	The B. Tech (Honours) registration shall be along with the registration of the 4 <sup>th</sup> semester.
R12.3	If a student fails in any course including the course chosen for B. Tech (Honours), he/she shall not be eligible to continue the B.Tech(Honours). However, the additional credits thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.
R12.4	The student shall earn additional 20 credits to be eligible for the award of B. Tech (Honours) Degree.



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R12.5	Out of the 20 Credits, 12 credits shall be earned by undergoing minimum three specified B. Tech (Honours) Elective courses of the respective stream. Credits for the B. Tech (Honours) Elective courses are deemed to be earned only on getting at least a grade 'C' or better in the composite evaluation. A student shall not be permitted to select the normal elective courses of the respective B. Tech programs for attaining the credit requirements of B. Tech (Honours). The remaining 8 credits could be acquired through two MOOCs of the respective streams recommended by the Board of studies and approved by the Academic Council.
R12.6	The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.
R12.7	The institutions offering B. Tech Honours programs shall not charge any additional fee from the students.
R12.8	B. Tech (Honours) Degree shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B. Tech and B. Tech (Honours) programs.

## 13. Grace Marks for Sports /Arts Competitions.

R13.1	Only bona-fide, regular candidates are eligible for the award of Grace Marks.
R13.2	The criterion for the award of Grace Marks is representing the University in officially sponsored national level competitions/championships/ tournaments when called upon to do so. The student shall get official prior permission from the University for representing the University.
R13.3	The maximum grace marks that can be awarded to a candidate in a particular semester for all activities put together shall be 5% of the aggregate maximum End Semester Examination marks of all theory courses for which the University conducts End Semester Examinations.
R13.4	The maximum grace marks that can be awarded to a student for a theory course in a particular semester for all activities put together shall not exceed 10% of the maximum aggregate marks of End Semester Examination of the course.
R13.5	The Grace Marks shall not be awarded to a student for Practical/ Lab/ Viva Voce/ internal assessment/ Seminar etc even though she/he fails for the same.
R13.6	Eligible Grace Marks shall be distributed equally on all theory papers/courses of an examination. However, re – distribution of Grace Marks shall be allowed only in the case of those courses of an examination for which the candidate has passed. Re- distribution is possible from passed courses to failed courses only. Re-distribution of Grace Marks is not permissible from failed courses to other courses for a pass.
R13.7	The Grace Marks shall be awarded for all theory papers/courses/subjects in a semester.
R13.8	Re- distribution shall be done only for enabling a candidate to obtain the minimum marks required for a pass.



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R13.09	Grace Marks shall not be re – distributed from one semester to another semester.
R13.10	If the candidate does not secure the minimum marks required for a pass even after effecting re-distribution, eligible moderation fixed by the respective board, if any, shall be awarded to that candidate in addition to the Grace Marks for a pass.
R13.11	Eligible Grace Marks shall be awarded for the regular examination of the performing semester only. Grace Marks shall not be awarded for supplementary examinations.

R13.12	The performing semester shall be considered from 1 <sup>st</sup> July to 31 <sup>st</sup> December (Odd semester) and 1 <sup>st</sup> January to 30 <sup>th</sup> June (Even Semester).
R13.13	Grace Marks shall be awarded on the basis of performance in the respective semester.
R13.14	The request for Grace Marks shall be submitted to the Controller of Examinations through the principal along with all relevant documents, within the time limit prescribed by the University. The request for Grace Marks received after the time limit shall not be entertained on any account.
R13.15	Only a single highest achievement during the period of a semester shall be considered for awarding the grace marks.

## 14. Grace Marks for Persons With Disability (PWD)

R14.1	A person with disability means a person suffering from not less than 40% of any disability as certified by the District Medical Board. To be eligible for the grace marks, the certificate of disability specifying the percentage of disability shall be produced before the Principal at the time of admission.
R14.2	The Grace Marks that can be awarded for PWD candidates shall be 25% of the marks scored by the candidate in each course at the time of finalization of the results.
R14.3	Transfer of marks from one paper to another shall not be permitted. Fractions of marks if any, while computing the Grace Marks shall be rounded off to the next higher integer.
R14.4	PWD candidates who are eligible for Grace Marks shall be awarded Grace Marks for regular and supplementary chances until they pass the whole examination.
R14.5	Grace Marks shall be awarded only for the marks of the End Semester Examinations conducted by the University.
R14.6	The request for Grace Marks shall be submitted to the Controller of Examinations through the principal along with all relevant documents, within the time limit prescribed by the University. The request for Grace Marks received after the time limit shall not be entertained on any account.



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## 15. Transitory provision.

- 15.1 Notwithstanding anything contained in these regulations, the Vice-Chancellor shall, for a period of two years from the date of coming into force of these regulations, has the power to provide by order that these Regulations shall be applied to any B. Tech program with such modifications as may be necessary.

## Post Graduate Courses

SI No	Name	No. Of Seats	Duration
1	M.Tech.-Computer Science & Engineering	9	2 Years
2	M.Tech.-Structural Engineering	18	2 Years
3	M.Tech.-Power Electronics	09	2 Years
4	M.Tech VLSI	09	2 years
5	MCA	60	2 Years

Laboratory facilities exclusive to the Post Graduate Course:

PG laboratories and research laboratories are available.

Academic Calendar and framework for PG courses

<https://ktu.edu.in/eu/acd/academicRegulationsCalendar.html>



# AWH ENGINEERING COLLEGE

## 16. Enrolment and placement details of students in the last 3 years

### Year : 2023-24

Sl no	Name	Designation	Company Name
1.	Harigovind T	Engineer Trainee	Exult
2.	Hiran Sidharth	Engineer Trainee	Finedge
3.	Sreerag T	Mechanical Engineer Trainee	Forbes Marshall
4.	Athul Pe	Assistant Executive In Production	Vkc
5.	Nived Ck	Assistant Executive In Production	Walkaroo
6.	Rinil	Trainee Research And Development Department	Eta Technologies
5.	Aswin Vk	Staff In Charge Trainee	Rapture India Footcare Company Pvt Ltd
6.	Shaham Ahammed K	Jr. Engineer Trainee	Kairali Tmt
7.	Krishna Priya Ck	Engineer Trainee	Creative Zone Llc
8.	Niranjana Babu	Jr Engineer Trainee	Posibolt Solutions Pvt Ltd
9.	Abhishek P	Shift Engineer	Mark Radiant Moulds Compounds Pyt.Ltd.
10.	Varna Vinod	Jr Engineer Trainee	Nucore Software Solutions
11.	Abhijith Babu	Jr. Engineer Trainee	Kairali Tmt Steel Bars
12.	Akash Sreejith	Instrumentation Trainee	Forbes Marshall
13.	Gopika Gireesh	Instrumentation Trainee	Forbes Marshall
14.	Fathima Farha Mp	Instrumentation Trainee	Forbes Marshall
15.	Sreekanth S	Trainee Engineer	Trogon Media Pvt Ltd
16.	Dibin C	Jr Engineer Trainee	Amerigo Structural Engineers
17.	Faseeh Pk	Jr Engineer Trainee	Amerigo Structural Engineers
18.	Sneha Prakash	Jr Engineer Trainee	Aarbee Structures Pvt Ltd
19.	Hridishma Dev	Jr Engineer Trainee	Aarbee Structures Pvt Ltd
20.	Abhijith Babu	Engineer Packaging	Cee Kay Multi-Services.

### Year: 2022-23

21.	Jithu K	Trainee Application Engineer	Technologies Global Private Limited
22.	Abhinand R S	Computer Aided Engineering Trainee	Scale Up Mission, Calicut
23.	Anumythy T	CAE Analyst Engineer	L&T Technology Services
24.	Rohan Prakash	Assistant Executive In Production	Walkaroo International Pvt Ltd
25.	Jithin Raj K	Computer Aided Engineering	Scale Up Mission, Calicut



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		Trainee	
26.	Vishak Mk	Computer Aided Engineering Trainee	Scale Up Mission, Calicut
27.	Sucheth K Brown	Computer Aided Engineering Trainee	Scale Up Mission, Calicut
28.	Anugrah M	Computer Aided Engineering Trainee	Scale Up Mission, Calicut
29.	Adithya Sukumaran	Lab Assistant	Awh Polytechnic College
30.	Arjun V	Joined Mtech	Nit Calicut
31.	Jithu K	Lab Assistant	Awh Polytechnic College
32.	Harshak Cp	Team Leader	Bharti Airtel Limited
33.	Giyad M	Mechanical Engineer	Jal Engineering Services, Muscat.
34.	Faris Bin Basheer	Marketing Manager	Wabco Shipping Company Ltd.
35.	Vishak M K	CAE Modeler.	Cadferm India Pvt Ltd
36.	Jithin P	CAE Analyst	Satyam Venture Engineering Services Pvt Ltd
37.	Sreekath K	Structural Designer	Preline Structural Engineers
38.	Abhishek Pc	Business Executive	Vittore Corsetti Global Pvt Ltd
39.	Naveen Krishna M	Java Full Stack Course Trainee	Pentagon Space Pvt Ltd, Bangalore
40.	Ajul Raj Kc	Office Assistant	Berger Paints Calicut
41.	Abhinad PT	Mechanical Engineer	Excel Kitchen Llc, Dubai
42.	Muhammad Iqbal	Quality Engineer	Balaji Industries Ltd, Chennai
43.	Abhishek O	Quality Engineer	Balaji Industries Ltd Chennai
44.	Junak Vs	Trainee Engineer	Autobahn Trucking Corporation Pvt. Ltd
45.	Nithin P	Product Designer	Rotechedu Services & Solutions Llp
46.	Mohith Dinesh	Research Intern	Maverix Pro
47.	Abdul Murshid Vp	Software Developer	Qizo Technologies
48.	Abel Thomas	Ui/Ux Developer -L1	Zeron Consulting
49.	Alok Sk	Marketing Associate	Stader Labs
50.	Anshida Sherin M	Trainee	Litmus7 Systems Consulting Private Ltd
51.	Anu Nourin Ep	Business Promoter	Xylem
52.	Arathi Pp	Ui/Ux Designer	Sigosoft Pvt Ltd
53.	Deepna	Trainee	Trasorze Solutions
54.	Fathima Mariya Ak	Pursuing M Tech	Amritha
55.	Hazra Pp	Consultant	Aufit Technologies
56.	Hudha M	Junior Front End Developer	Arab Industries Pvt Ltd
57.	Indulekha Mt	Trainee	Easy Cources
58.	Jasna Ali	Project Management	Accend
59.	Jelva Nazrin	System Engineer	Infosys
60.	Majesty Raj	Machine Learning Engineer ,	Cybrosys Technologies Pvt Ltd
61.	Nevil Prakash Tp	Robotic Trainer	Indian Public School,Trichy
62.	Ninu P V	Software Developer	Lestora



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63.	Rajath K	Software Developer	Finobase
64.	Sigma Manoj	Assistant System Engineer	Tcs, Ibm
65.	Sradha P Naick	Ui/Ux Designer	Habintu Technologies
66.	Haritha Ym	Structural Engineer	Preline Structural Engineers
67.	Rithika	Business Analyst	Web And Crafts
68.	Fathima Insha	Front End Developer Trainee	Brain Tech
69.	Ayisha P	Front End Developer Trainee	Brain Tech
70.	Amalnath S	Jr. Software Developer	Maverix Pro
<b>Year: 2021-22</b>			
71.	Sreedevi K	Software Engineer	Software Associates
72.	Amal K P	Automation Trainee	Bexq Solutions
73.	Fareeda P	Apprentice Trainee	220 Kv Substation Kseb Nallalam
74.	Sathyardh Sankar C	Production Assistant	Spectron Engineers Pvt Ltd
75.	Muhammed Abdul Salam	CADD Engineer	Cadd Center ,Calicut
76.	Abhinand Pt	Graduate Engineering Trainee	Staqual Precision Private Limited
77.	Smruthi Kv	Jr Structural Engineer	Jithesh Engineers Pvt Ltd
78.	Anshida Sherin M	Trainee	Litmus7 Systems Consulting Private Limited
79.	Alok Sk	Marketing Associate	Stader Labs
80.	Anu Nourin Ep	Business Promoter	Xylem Learning
81.	Arathi Pp	Ui/Ux Designer	Sigosoft Pvt Ltd
82.	Hazra Pp	Consultant	Aufit Technologies
83.	Hudha M	Junior Front End Developer	Arab Industries Pvt Ltd
84.	Indulekha Mt	Trainer	Easy Cources
85.	Jasna Ali	Project Management	Accend
86.	Ninu P V	Software Developer	Lestora
87.	Rajath K	Software Developer	Finobase
88.	Sradha P Naick	Ui/Ux Designer	Habintu Technologies
89.	Sigma Manoj	Assistant System Engineer,	Tcs
90.	Jelva Nazrin	System Engineer	Infosys
91.	Majesty Raj	Engineer	Tata Elsi
92.	Fathima Nuha	Junior Software Programmer	Ontash India Technologies
93.	Abel Thomas	Ui/Ux Developer -L1	Zeron Consulting
94.	Abdul Murshid Vp	Software Developer	Qizo Technologies
95.	Nevil Prakash Tp	Robotic Trainer	Indian Public School, Trichy
96.	Akshay Kumar J	Project Management Trainee	Hilite Builders
97.	Nuwaid Moideen	Site Engineer	Hilite Builders
98.	Arathi E	Junior Engineer	Alam Architectural Studio
99.	Mufeeda N M	Architectural Draftsman Civil	View Plan And Estimate
100.	Sreehari	Site Engineer	View Plan And Estimate





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101	Vrinda Mohanan	Project Coordinator	Active Designs Pvt Ltd.
102	Sruthi Krishna M K	Project Management Trainee	Hilite Builders
103	Hanna Shirin B M	Support Associate Trainee	Dli System (P) Ltd.
104	Naveen Krishna M	Technical Sales Assistant	Idealink Ventures Llp.
105	Amjada M T	Software Developer Trainee,	Infinite Open Source Solutions LLP,
106	Anagha V K	Application developer	Invenics Services India PvtLtd
107	Anjana Babu	Software Associate	Bluegen Solutions
<b>Year: 2020-21</b>			
108	Akshay. A	Software Engineer Trainee	Coddle Technologies
109	Afrah	Software Engineer Associate	Technaureus Info Solutions
110	Sreedevi K	Junior Iot Engineer	Software Associates
111	Abdul Majid K	Civil Engineer Trainee	Hilite Builders
112	Adhil P P	Trainee - Detailer	Dgs Technical Services Pvt. Ltd.
113	Rashwan KV	Trainee Civil Engineer	Skyline Builders
114	Ridwan	Information Security Consultant	Prime Guardian Security Services
115	Hridya	Junior Software Developer	Nexus Technologies
116	Rameesa	Flutter Trainee	Emdot Mincetech Pvt Ltd
117	Athul MV	Asst Software Engineer	Drd India, Smart City, Kochi
118	Athul T	Full Stack Developer	Luzidcraft Business Solutions Llp
119	Hina	Graphic Designer	Eduincept
120	Jishad	SSC intern(temporary)	Tryzens India pvt Ltd
121	Nasba	Software engineer	Zeeve, Noida ,UP
122	Raiza	Graphic designer	Al Mulla group,Fujairah,UAE
123	Shilpa	Implementation Engineer	6d technologies
124	Varun Prabhu	Software engineer	Accenture
125	Abdulla Adil C	Student-IGNOU	Master of Science
126	Ubaid E	Engineer	SHOW SEC-Abdubabi
127	Nikhin TK	Site engineer	Partner
128	Irfan Habeeb	Supervisor	Red line solutions
129	Remin Mahabood	CADD Engineer	CADD centre
130	Prajeesh K P	Site Reliability Engineer	CareStack

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## List of Research Projects/Consultancy Works

### Journal /Conference Publications

#### 2024-25

1. Developing a Sequential Pneumatic Circuit for Sheet Metal Operations Using Multiple Pneumatic Actuators, IRJET) e-ISSN: 2395-0056 , Volume: 12 Issue: 03, ISSN: 2395-0072 , 2025
2. “SELF-OPERATING SMART TELESCOPIC FORK ASSEMBLY”, Indian Patent/Design No.: 432386-001, Date: 01/10/2024, Date of Issue: 11/12/2024, Controller General of Patents, Design and Trade Marks, The Patent Office, Government of India.
3. “Sisal fiber reinforced PLA Nanocomposites with improved Mechanical Thermal and Morphological Properties” Nanotechnology Perceptions 20 No. 6 (2024) 1383-1398, November 2024.
4. “Enhancing the Flow Accelerated Corrosion Resistance of X70 API Steel Through Laser Surface Melting in Synthetic Oilfield Water”, Materials and Corrosion, 2024; 1–13
5. Smart Electric Bike Stand, IRJET - e-ISSN: 2319-8753, p-ISSN: 2347-6710 - Volume 13, Issue 8, August 2024

#### 2023-24

6. “Automated Wheel Alignment And Puncture Detection System Enhancing Vehicle Safety And Performance”, Indian Patent Application No.202441036988 A, Date of Publication: 17/05/2024, Controller of Patents, The Patent Office, Chennai
7. The Self-Balancing Electric Motorcycle With Adaptive Aerodynamics, IJARST - e-ISSN: 2395-0056, p-ISSN: 2395-0072 - Volume 11, Issue 5, May 2024
8. “Optimization of Process Parameters for Drilling Sisal Fiber-Reinforced Polyester Composites” International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET) Volume 7, Issue 5, May 2024.
9. “Parametric Optimization of TIG welding and Defect Identification using Non-Destructive Testing Methods” International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET) Volume 7, Issue 5, May 2024.
10. “Failure and Rectification of Double Stage Double Acting Reciprocating Air Compressor” International Research Journal of Engineering and Technology (IRJET) Volume, 11 Issue, 05 May 2024.
11. “A Comprehensive Examination of Defect in Continuous Cast Billet and Analysis Using Quality Control Tool” International Research Journal of Engineering and Technology (IRJET) Volume: 11 Issue: 04 Apr 2024.
12. “Mechanical Characterization of Banana Fiber Reinforced Polymer Matrix Composites” International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET) Volume 7, Issue 4, April 2024.
13. “Investigation of Vibration and Damping Characteristics of Sisal Based Natural Fiber Reinforced Polyester Composites” International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET) Volume 7, Issue 4, April 2024.
14. “Mechanical Properties of Jute Fiber Reinforced Polymer Matrix Composites” International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET) Volume 7, Issue



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4, April 2024.

15. "Design Simulation and Development of Sequential Pneumatic Circuit for Industrial Applications" International Research Journal of Engineering and Technology (IRJET) Volume: 11 Issue: 03 March 2024.
16. "Design and Simulation of Electro-Pneumatic Sequential System Using Fluid Sim Software" International Research Journal of Engineering and Technology (IRJET) Volume: 11 Issue: 03 March 2024.
17. A Machine Learning Framework for Early-Stage Detection of Autism Spectrum Disorders - IJAR SCT - ISSN (Online) 2581-9429 - Volume 3, Issue 4, December 2023 - Impact Factor: 7.301
18. An Overview of Deep Learning Models for Prediction of MPOX Disease - IJAR SCT - ISSN (Online) 2581-9429 - Volume 3, Issue 4, December 2023 - Impact Factor: 7.301
19. Review of Deep Learning Models for Predicting Communicable Disease: A Comprehensive Framework - IJSREM - ISSN: 2582-3930 - Volume: 07 Issue: 11 | November - 2023 - SJIF Rating: 8.176
20. "PNEUMATIC LIFTER", Indian Patent/Design No.: 387246-001, Date: 29/05/2023, Date of Issue: 13/09/2023, Controller General of Patents, Design and Trade Marks, The Patent Office, Government of India.
21. The Big Data Paradox: Challenges and Opportunities in Analytics - IJAR SCT - ISSN (Online) 2581-9429 - Volume 3, Issue 4, December 2023 - Impact Factor: 7.301

## 2022-23

22. A Smart Mobile App for the Detection of Diabetic Retinopathy using Artificial Intelligence - IJAR SCT - ISSN (Online) 2581-9429 - Volume 2, Issue 3, November 2022 - Impact Factor: 6.252
23. "Effect of hydrodynamics and laser surface melting on erosion-corrosion of X70 steel pipe elbow in oilfield slurry", International Journal of Pressure Vessels and Piping, 199 (2022), 104687.
24. Hepato Web App for Classification and Segmentation of Liver Lesions in CT Scans Using EFF Net - IJAR SCT - ISSN (Online) 2581-9429 - Volume 2, Issue 3, November 2022 - Impact Factor: 6.252
25. "Development of Boring Fixture for Lathe Machine Tool and Application of Flow Process Chart" International Journal of Engineering and Innovative Technology (IJEIT) Volume 11, Issue 10, April 2022.
26. "Effect of process parameters on machining of Al-TiC metal matrix composites using RSM" ELSEVIER SCIENCE DIRECT.
27. Cache Utilization Using A Router Buffer, IRJCS - ISSN: 2393-9842 - Issue 06, Volume 09 (June 2022)

## 2021-22

28. An Efficient Approach Of Predicting Communicable Disease Using Datamining Classification Based On Fuzzy - Mukd Shabd Journal - ISSN NO : 2347-3150 - Volume XI, Issue VI, April 2022.
29. "Modeling and Process Parameter Optimization of Electrical Discharge Machining of Composite Materials" DESIGN ENGINEERING.
30. "Prediction of response surface roughness in electrical discharge machine for al6063 by RSM-PSO approach" KALAHARI JOURNALS.
31. Comparative Study Of Aodv, Dsr, And Dsdv Routing Protocols In A Wireless Network - Ijrmets - e-ISSN: 2582-5208 Volume:03/Issue:11/November-2021 - Impact Factor-6.752.
32. Implementation And Analysis Of Page Replacement Algorithms- Ijrmets - e-ISSN: 2582-5208 - Volume:03/Issue:11/November-2021 - Impact Factor-6.752



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33. "Review of types of biodiesels for use in internal combustion engines" International Conference on Sustainable Technology Applications for Green Engineering Solutions (STAGE) 2020. ISBN: 978-93-5406-794-5, Volume-I, Issue-I, July 2020 NSS CE Palakkad.
34. "Designing and analysis of lifting eye bolt for various geometry" International Journal of Engineering and Innovative Technology (IJEIT) Volume 10, Issue 3, September 2020.
35. "Designing and Modeling of Gating System and Feeder for Brass Flange Casting" International Journal of Engineering and Innovative Technology (IJEIT) Volume 9, Issue 11, May 2020.
36. "Design Analysis and Development of Draw Die for Cylindrical Cup formation" International Journal of Engineering and Innovative Technology (IJEIT) Volume 9, Issue 11, May 2020.
37. "Integrating CAD/CAE Design Technology for Design and Analysis of Bending Tool" International Journal of Engineering and Innovative Technology (IJEIT) Volume 9, Issue 10, April 2020.
38. "Application of Conceptual Design for Modeling and Analysis of Leaf Jig" International Journal of Engineering and Innovative Technology (IJEIT) Volume 9, Issue 10, April 2020.
39. "Experimental investigation on performance and emission characteristics of a common rail direct injection engine using tyre pyrolytic biofuel" Journal of King Saud University – Engineering Sciences. 32 (2020) 78–84.

## MoUs with Industries

Our college is committed to providing students with valuable real-world experiences and industry connections. To this end, several departments, including Civil Engineering (CE), Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), and Mechanical Engineering (ME), have established Memorandums of Understanding (MoUs) with leading organizations.

Sl No.	Name of the industry	Type	Dept.
1	Talent sprint	Skill development company	TPC
2	EDX	Mooc Course	TPC
3	ASAP	Skill development company	Placement cell
4	Lapic structures	Construction	CE Dept.
5	Edify Educational Services Pvt Ltd,	Skill development company	Placement cell
6	Glyonz Technologies	Skill development company	ECE Dept.



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7	Finedge	Skill development company	EEE Dept/CS dept
8	Infosys Springboard	Skill courses	TPC
9	Shajil KP's prabha enterprises	Electrical contracting	EEE Dept.
10	Talrop	Skill development company	CSE Dept
11	Foreir Technologies	Placement assistance	TPC
12	Textbook edu solution pvt. ltd (Skill academy)	Skill development company	TPC
13	SMEC automation	Skill development company	ECE Dept
14	Red team hacker academy	Skill development company	MCA Dept
15	Scale up mission	CAE Design company	ME Dept
16	CADD Centre	Skill development company	CGTPC
17	Exult Global	Software Power automation Company	CGTPC
18	ASAP Kerala	Skill Development Company	CGTPC
19	Tech Shore inspection services	Inspection services/ skill development company	ME

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