



Jyothi Engineering College

Reaccredited with N A A C (Grade A) and NBA Programmes*

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



*NBA reaccredited BTech Programmes in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering valid till 2025

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Criteria 2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

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University Calendar by KTU 2022-23

 APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY Academic Calendar - August 2022 to January 2023 B.Arch S7/S5/S3, BHMCT S7, MBA S3, M.Tech S3											
Aug-22				Sep-22				Oct-22			
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Mon	1			Thu	1		14	Sat	1		32
Tue	2			Fri	2		15	Sun	2	Gandhi Jayanthi	
Wed	3			Sat	3			Mon	3	First Series test to be completed for M.Tech S3, BHMCT S7	33
Thu	4			Sun	4			Tue	4	Mahanavami	
Fri	5			Mon	5			Wed	5	Vijayadasami	
Sat	6			Tue	6			Thu	6		34
Sun	7			Wed	7	First Onam		Fri	7		35
Mon	8			Thu	8	Thiruvonam		Sat	8	Milad-i-sherif	
Tue	9	Muharram		Fri	9	Third Onam		Sun	9		
Wed	10			Sat	10	Fourth Onam		Mon	10	Second CC meeting for M.Tech S3, BHMCT S7	36
Thu	11			Sun	11			Tue	11		37
Fri	12			Mon	12		16	Wed	12		38
Sat	13			Tue	13		17	Thu	13		39
Sun	14			Wed	14		18	Fri	14		40
Mon	15	Independence Day		Thu	15		19	Sat	15		41
Tue	16	Commencement of classes for M.Tech S3, BHMCT S7	1	Fri	16		20	Sun	16		
Wed	17		2	Sat	17		21	Mon	17		42
Thu	18	Sreekrishna Jayanthi		Sun	18			Tue	18		43
Fri	19		3	Mon	19	First CC meeting for MBA S3, B.Arch S7/S5/S3	22	Wed	19	First Series test to be completed for MBA S3, B.Arch S5/S3	44
Sat	20		4	Tue	20		23	Thu	20		45
Sun	21			Wed	21	Sree Narayana Guru Samadhi		Fri	21		46
Mon	22		5	Thu	22		24	Sat	22		47
Tue	23		6	Fri	23		25	Sun	23		
Wed	24		7	Sat	24	Course Selection and Mapping Begins for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	26	Mon	24	Deepavali	
Thu	25		8	Sun	25			Tue	25	Second CC meeting for MBA S3, B.Arch S7/S5/S3 Exam Registration begins for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	48
Fri	26		9	Mon	26		27	Wed	26		49
Sat	27		10	Tue	27		28	Thu	27		50
Sun	28			Wed	28		29	Fri	28		51
Mon	29	Commencement of classes for MBA S3, B.Arch S5/S3, B.Arch S7 (Practical Training) First CC meeting for M.Tech S3, BHMCT S7	11	Thu	29	Course Selection and Mapping Ends for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	30	Sat	29	Exam Registration ends for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	52
Tue	30		12	Fri	30		31	Sun	30		
Wed	31		13					Mon	31		53



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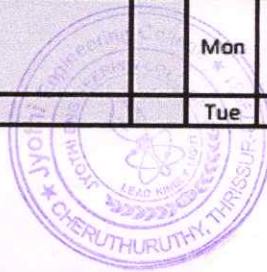
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		APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY									
		Academic Calendar - August 2022 to January 2023									
		B.Arch S7/S5/S3, BHMCT S7, MBA S3, M.Tech S3									
Nov-22			Dec-22				Jan-23				
Days	Date	Description	Days	Date	Description	Class	Days	Date	Description		
Tue	1		54	Thu	1	79	Sun	1			
Wed	2		55	Fri	2	80	Mon	2	Mannam Jayanthi		
Thu	3		56	Sat	3	81	Tue	3	Commencement of End Semester Examination for MBA S3, B.Arch S3/S5	98	
Fri	4		57	Sun	4		Wed	4		99	
Sat	5		58	Mon	5	82	Thu	5		100	
Sun	6			Tue	6	83	Fri	6		101	
Mon	7		59	Wed	7	84	Sat	7		102	
Tue	8		60	Thu	8	85	Sun	8			
Wed	9		61	Fri	9	86	Mon	9		103	
Thu	10		62	Sat	10		Tue	10		104	
Fri	11		63	Sun	11		Wed	11		105	
Sat	12			Mon	12	87	Thu	12	Commencement of End Semester Examination for M.Tech S3, BHMCT S7	106	
Sun	13			Tue	13	88	Fri	13		107	
Mon	14		64	Wed	14	89	Sat	14	Publish IA Marks for MBA S3, B.Arch S5/S3		
Tue	15		65	Thu	15	90	Sun	15	Class Ends Publish Attendance for MBA S3, B.Arch S5/S3		
Wed	16	Second Series test to be completed for M.Tech S3, BHMCT S7	66	Fri	16	91	Mon	16	Practical Training Ends for B.Arch S7	108	
Thu	17		67	Sat	17	92	Tue	17		109	
Fri	18		68	Sun	18		Wed	18		110	
Sat	19		69	Mon	19	93	Thu	19	Jury Evaluation B.Arch S7	111	
Sun	20			Tue	20	94	Fri	20		112	
Mon	21		70	Wed	21	95	Sat	21		113	
Tue	22		71	Thu	22	96	Sun	22			
Wed	23	Third CC meeting for M.Tech S3, BHMCT S7	72	Fri	23	97	Mon	23		114	
Thu	24		73	Sat	24		Tue	24		115	
Fri	25		74	Sun	25		Wed	25	Christmas	116	
Sat	26		75	Mon	26		Thu	26	Republic Day		
Sun	27			Tue	27		Fri	27		117	
Mon	28		76	Wed	28		Sat	28		118	
Tue	29	Publish IA Marks for M.Tech S3, BHMCT S7	77	Thu	29		Sun	29			
Wed	30	Class Ends Publish Attendance for M.Tech S3, BHMCT S7	78	Fri	30		Mon	30			
				Sat	31		Tue	31			



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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Academic Calendar - August 2022 to January 2023

B.Arch S7/S5/S3, BHMCT S7, MBA S3, M.Tech S3

Odd Semester(2022-2023)

Sl.No	Important Events	Important Dates
1	Commencement of classes for M.Tech S3, BHMCT S7	16-08-2022
2	Commencement of classes for MBA S3, B.Arch S5/S3	29-08-2022
3	Commencement of Practical Training for B.Arch S7	29-08-2022
4	CC Meetings for M.Tech S3, BHMCT S7	29-08-2022, 10-10-2022, 23-11-2022
5	CC Meetings for MBA S3, B.Arch S7/S5/S3	19-09-2022, 25-10-2022, 7-12-2022
6	Course Selection and Mapping Begins for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	24-09-2022
7	Course Selection and Mapping Ends for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	29-09-2022
8	First Series test to be completed for M.Tech S3, BHMCT S7	03-10-2022
9	First Series test to be completed for MBA S3, B.Arch S5/S3	19-10-2022
10	Second Series test to be completed for M.Tech S3, BHMCT S7	16-11-2022
11	Second Series test to be completed for MBA S3, B.Arch S5/S3	02-12-2022
12	Exam Registration begins for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	25-10-2022
13	Exam Registration ends for M.Tech S3, BHMCT S7, MBA S3, B.Arch S7/S5/S3	29-10-2022
14	Publish IA Marks for M.Tech S3, BHMCT S7	29-11-2022
15	Class Ends Publish Attendance for M.Tech S3, BHMCT S7	30-11-2022
16	Publish IA Marks for MBA S3, B.Arch S5/S3	14-12-2022
17	Class Ends Publish Attendance for MBA S3, B.Arch S5/S3	15-12-2022
18	Practical Training Ends for B.Arch S7	16-01-2023
19	Jury Evaluation B.Arch S7	19-01-2023
20	Commencement of End Semester Examination for M.Tech S3, BHMCT S7	12-12-2022
21	Commencement of End Semester Examination for MBA S3, B.Arch S3/S5	03-01-2023



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Sep-22				Oct-22				Nov-22			
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Thu	1			Sat	1		17	Tue	1		39
Fri	2			Sun	2	Gandhi Jayanthi		Wed	2		40
Sat	3			Mon	3		18	Thu	3		41
Sun	4			Tue	4	Mahanavami		Fri	4		42
Mon	5			Wed	5	Vijayadasami		Sat	5		43
Tue	6			Thu	6		19	Sun	6		
Wed	7	First Onam		Fri	7		20	Mon	7		44
Thu	8	Thiruvonam		Sat	8	Milad-i-sherif		Tue	8		45
Fri	9	Third Onam		Sun	9			Wed	9		46
Sat	10	Fourth Onam		Mon	10		21	Thu	10		47
Sun	11			Tue	11		22	Fri	11	First Series test to be completed for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	48
Mon	12	Commencement of classes for B.Tech S3, BHMCT S5	1	Wed	12	Course Selection and Mapping Begins for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3	23	Sat	12		
Tue	13	Commencement of classes for B.Tech S7	2	Thu	13		24	Sun	13		
Wed	14		3	Fri	14		25	Mon	14		49
Thu	15		4	Sat	15		26	Tue	15		50
Fri	16		5	Sun	16			Wed	16		51
Sat	17		6	Mon	17		27	Thu	17		52
Sun	18			Tue	18	Course Selection and Mapping Ends for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3	28	Fri	18		53
Mon	19	Commencement of classes for B.Tech S5, M.Arch S3, M.Plan S3	7	Wed	19		29	Sat	19		54
Tue	20		8	Thu	20		30	Sun	20		
Wed	21	Sree Narayana Guru Samadhi Day		Fri	21		31	Mon	21	Exam Registration begins for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	55
Thu	22	Commencement of classes for BHMCT S3	9	Sat	22		32	Tue	22	Second CC Meetings for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	56
Fri	23		10	Sun	23			Wed	23		57
Sat	24		11	Mon	24	Deepavali		Thu	24		58
Sun	25			Tue	25		33	Fri	25		59
Mon	26	Course Selection and Mapping Begins for B.Tech S7/S3, BHMCT S5	12	Wed	26		34	Sat	26		60
Tue	27	First CC Meetings for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	13	Thu	27		35	Sun	27		
Wed	28		14	Fri	28		36	Mon	28		61
Thu	29		15	Sat	29		37	Tue	29		62
Fri	30	Course Selection and Mapping Ends for B.Tech S7/S3, BHMCT S5	16	Sun	30			Wed	30	Exam Registration ends for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	63
				Mon	31		38				



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		Academic Calendar - September 2022 to January 2023					
		B.Tech S7/S5/S3, BHMCT S5/S3, M.Plan S3, M.Arch S3					
Dec-22			Jan-23				
Days	Date	Description	Days	Date	Description	Class	
Thu	1		Sun	1			
Fri	2		Mon	2	Mannam Jayanthi		
Sat	3		Tue	3	Third CC Meetings for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3 Commencement of End Semester Examination for B.Tech S3, BHMCT S5	83	
Sun	4		Wed	4	Commencement of End Semester Examination for B.Tech S7	84	
Mon	5		Thu	5		85	
Tue	6		Fri	6	Publish IA Marks for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3	86	
Wed	7		Sat	7	Class Ends Publish Attendance for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3	87	
Thu	8		Sun	8			
Fri	9	Second Series test to be completed for B.Tech S7/S3, BHMCT S5	Mon	9		88	
Sat	10		Tue	10		89	
Sun	11		Wed	11		90	
Mon	12		Thu	12		91	
Tue	13		Fri	13		92	
Wed	14	Second Series test to be completed for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3	Sat	14			
Thu	15		Sun	15			
Fri	16		Mon	16	Commencement of End Semester Examination for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3	93	
Sat	17	Third CC Meetings for B.Tech S7/S3, BHMCT S5	Tue	17		94	
Sun	18		Wed	18		95	
Mon	19		Thu	19		96	
Tue	20	Publish IA Marks for B.Tech S3, BHMCT S5	Fri	20		97	
Wed	21	Class Ends Publish Attendance for B.Tech S3, BHMCT S5	Sat	21		98	
Thu	22	Publish IA Marks for B.Tech S7	Sun	22			
Fri	23	Class Ends Publish Attendance for B.Tech S7	Mon	23			
Sat	24		Tue	24			
Sun	25	Christmas	Wed	25			
Mon	26		Thu	26	Republic Day		
Tue	27		Fri	27			
Wed	28		Sat	28			
Thu	29		Sun	29			
Fri	30		Mon	30			
Sat	31		Tue	31			





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Department Academic Calendar

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY							
SEMESTER-WISE ACADEMIC COURSE CALENDAR -DEPARTMENT OF CIVIL ENGINEERING							
4th,6th ,8th Semester B. Tech (2021 - KTU Adm.)							
Commencement of classes S8 :31 st Jan -2023				Closing of semester: 26 May-2023			
Commencement of classes S4 and S6 :6th Feb -2023				Closing of semester: 2nd May-2023			

Feb-23		Mar-23		Apr-23		May-23	
Date	Description	Date	Description	Date	Description	Date	Description
1		1		1	Thuring-Day 2		1
Wed		Wed		Sat			Mon
2		2				2	
Thu		Thu				Tue	
3		3		3		3	
Fri		Fri		Mon		Wed	
4		4		4	Department meeting	4	
Sat		Sat		Tue		Thu	
				5	Lab Cycle-1 To be completed & Completion of Module III	5	Department meeting
				Wed		Fri	
6	Commencement of B.Tech S6 S4 classes	6				6	
Mon		Mon				Sat	
7	Department meeting	7	Department meeting				
Tue		Tue					
8		8				8	Second Series Test Start
Wed		Wed				Mon	
9		9	Assignment 1 st completed			9	Completion of Module V
Thu		Thu				Tue	
10	First CC Meeting to be completed	10	Arts Day	10		10	
Fri		Fri		Mon		Wed	
11		11		11		11	Assignment 2 completed
Sat		Sat		Tue		Thu	
				12		12	
				Wed		Fri	Second Series Test End
13		13		13		13	
Mon		Mon		Thu		Sat	
14		14					
Tue		Tue					
15		15				15	
Wed		Wed				Mon	
16		16	IV PLANNED FOR S8			16	
Thu		Thu				Tue	



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28	Completion of Module I	28	Second CC Meeting to be completed	28	Completion of Module IV. Any association Talk	28
Tue		Tue		Fri		Sun
		29		29		29
		Wed		Sat	Mon	Mon
		30			30	30
		Thu			Tue	Tue
		31			31	31
		Fri	Tharang-Day I		Wed	Internal Lab Exam to be Completed Wed

	Feb-23	Mar-23	Apr-23	May-23	
Working Days	20	Working Days 23	Working Days 16	Working Days 19	Working Days
Holidays	8	Holidays 8	Holidays 14	Holidays 7	Holidays

17	Completion of Module II	17	Project Evaluation 1 to be completed	17
Fri		Fri		Mon
		18		18
		Sat		Thu
				19
				Fri
				20
				Sat
20	First Series Test Start	20	Lab Cycle-II To be completed	20
Mon		Mon		Thu
21		21		21
Tue		Tue		22
22		22		Mon
Wed		Wed		23
23	IV planned for S6	23	Model Exam	Tue
Thu		Thu		24
24	First Series Test End	24		Wed
Fri		Fri		25
25		25		Thu
Sat		Sat		26
				26
				Fri
				27
27		27		Sat
Mon		Mon		27
				Sat



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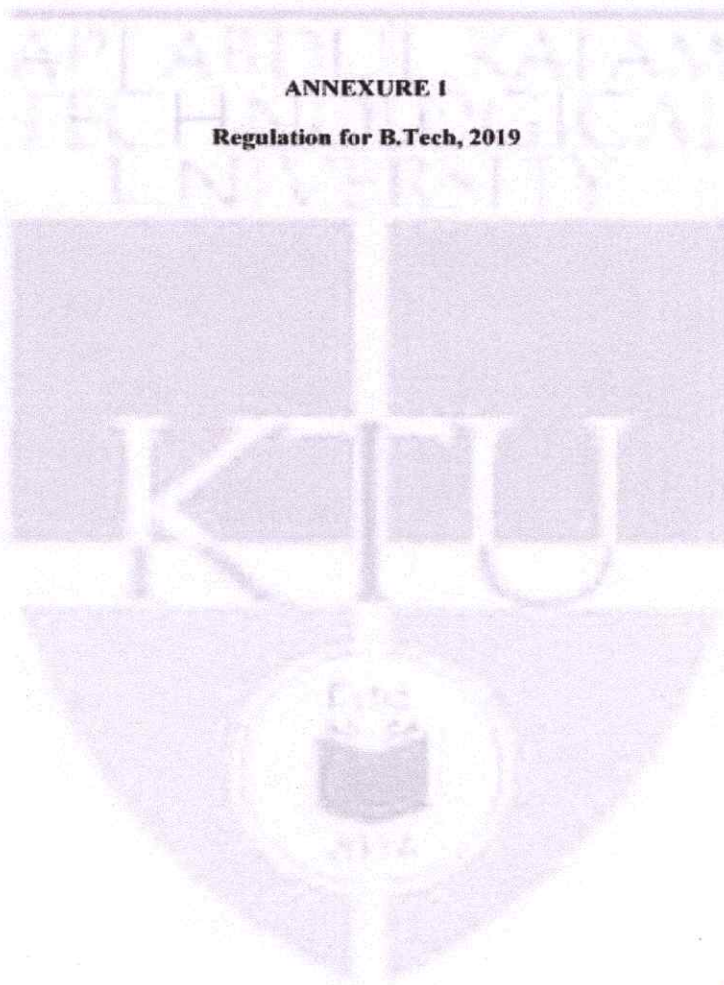
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KTU Regulations

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ANNEXURE I

Regulation for B.Tech, 2019



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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 to 9.12.
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 st July to 31 st December (Odd semester)" and "1 st January to 30 th 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





Jyothi Engineering College

Reaccredited with NAAC (Grade A) and NBA Programmes*

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 JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



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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 2. Laboratory Courses : 1 : 1 3. Project : CIE only 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" data-bbox="279 1232 1492 1377"> <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 minimum two internal evaluation tests, each of 2hrs duration. Each test shall cover 50% of the syllabus and shall be for 50marks. Retest shall be permitted to the students who could not appear for the internal tests due to genuine grounds. Three days shall be utilised for conducting the internal evaluation test.</p> <table border="1" data-bbox="279 1512 1492 1848"> <tr> <td data-bbox="279 1512 590 1848">Project work</td> <td data-bbox="590 1512 1492 1848"> a. Work assessed by the project guide – 30% b. Three member Continuous Internal Evaluation Committee – 40% (Guide shall be one member in the CIE committee) c. Final Evaluation by a three member Committee comprising of the department project coordinator, guide and an external expert. The external expert shall be an academician or from industry. The 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> </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 comprising 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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	Seminar	<p>The report and the presentation shall be evaluated by a team of internal members comprising three senior faculty members based on the style of presentation, technical content, adequacy of reference, depth of knowledge and overall quality of the report.</p> <p>a) Attendance : 10% b) Guide : 20% c) Technical content : 30% d) Presentation : 40%</p>
<p>The CIE marks for the attendance (20%) for each theory, practical and drawing shall be awarded in full, only if the candidate has secured 90% attendance or above in the subject. If a student has attendance for a subject below 90%, reduction in the marks for the attendance shall be made proportionally. The CIE marks obtained by the student for all subjects in a semester are to be published at least 5 days before the commencement of the University examinations. Duty leave shall be accounted for awarding the internal marks for attendance.</p>		
R6.5	<p>Students, who have completed a course but could not write the end semester examination, shall be awarded "I" Grade, provided they meet other eligibility criteria (R6.6). They shall register (exam registration) and appear for the end semester examination at the next opportunity and earn the credits without having to register (course registration) for the course again.</p>	
R6.6	<p>The main eligibility criteria for registering to the End Semester Examination are attendance in the course and no pending disciplinary action. The minimum attendance for appearing for the End Semester Examination is 75% in each course. Students who do not meet these eligibility criteria are awarded an FE grade.</p>	
R6.7	<p>The students with FE grade shall register for the courses during the normal semesters in which the courses are offered. However, for the seventh and eighth semester FE grade students can register for the courses in the next immediate chance, if offered by their institute.</p>	
R6.8	<p>A student who does not register for all the courses listed in the curriculum for a semester shall not be eligible to enroll for the next higher semester.</p>	
R6.9	<p>The maximum number of credits a student can register (course registration) for, in a semester is limited to 08 credits in excess of the total mandatory credits allotted in the curriculum for that semester.</p>	
R6.10	<p>A student will be eligible for the award of B. Tech. Degree of the University on satisfying the following requirements:</p> <ol style="list-style-type: none"> 1. Fulfilled all the curriculum requirements within the stipulated duration of the course. 2. Earned the required minimum credits as specified in the curriculum for the branch of study (R3.6 and R3.7). 	





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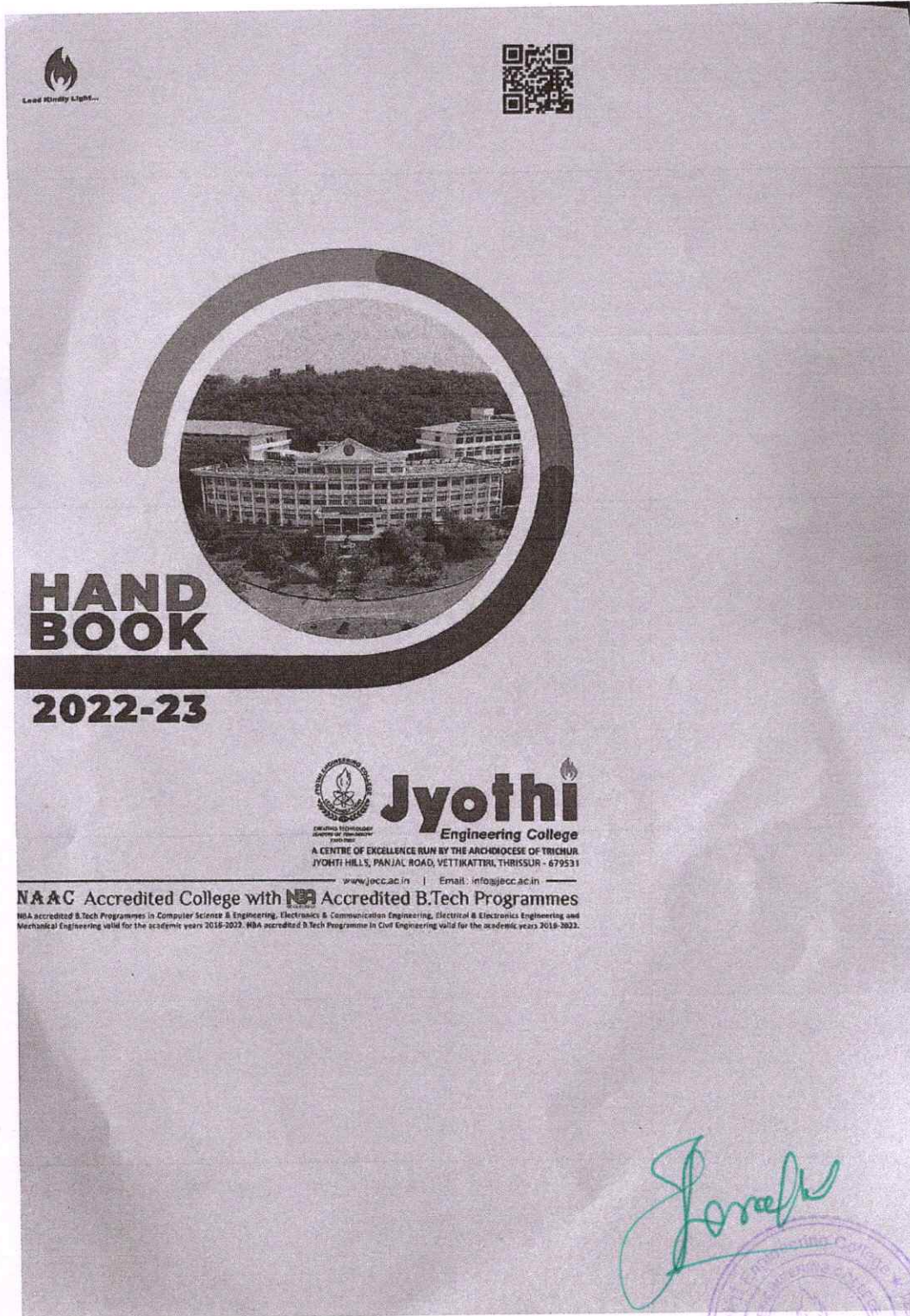
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College Handbook



HAND BOOK

2022-23



Jyothi Engineering College

A CENTRE OF EXCELLENCE RUN BY THE ARCHDIOCESE OF TRICHUR
JYOTHI HILLS, PANJAL ROAD, VETTIKATTIRI, THRISSUR - 679531

www.jecc.ac.in | Email: info@jecc.ac.in

NAAC Accredited College with NBA Accredited B.Tech Programmes

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2018-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2018-2022.

Joseph





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

Academic auditing shall cover:-

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 equipments, practical assignments, mini projects and conduct of practical classes and their evaluation.
2. Co-curricular and Extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.
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.
4. The audit shall also cover the quality criteria prescribed by NBA/NAAC.

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

R6.2 End Semester Examination. The End Semester Examinations (ESE) shall be held twice in a year – May/June session (for



Joseph



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

R6.4 Continuous Internal Evaluation (CIE): The Continuous Internal Evaluation shall be on the basis of the day-to-day work, periodic tests (minimum two in a semester) and assignments (minimum two). The faculty member (s) concerned shall carry out the Continuous Internal Evaluation (CIE) for the course allotted to him/her. The CIE marks for individual subjects shall be computed by giving weightage to the following parameters unless otherwise specified in the curriculum.

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Theory	20%	50%	30%
Drawing/ Practical	20%	40%	40%

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



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APJAKTU - Detailed Time Tables of B. Tech Part-Time S1(S,FE), S3 (S,FE), S5(S,FE), and S7(S,FE) Examinations (2015 scheme) December 2023 - Notification-reg

Friday, December 8, 2023

The Detailed Time Tables of B.Tech Part- Time S1(S,FE), S3(S,FE), S5(S,FE) and S7(S,FE) Examinations (2015 scheme) December 2023 are published herewith.

[Download Notification](#)



Research - MOOC courses for course work - modification in the Research Regulation 2023

Thursday, December 7, 2023

Permitting 8 week duration MOOC courses also as a part of the course work of Research scholars and increasing the additional credit requirement for the research scholars admitted after 4 year / 5 year UG Programme. Detailed order attached.





Jyothi Engineering College

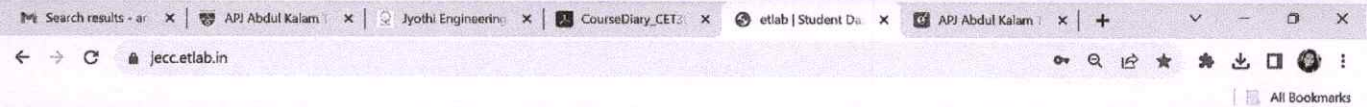
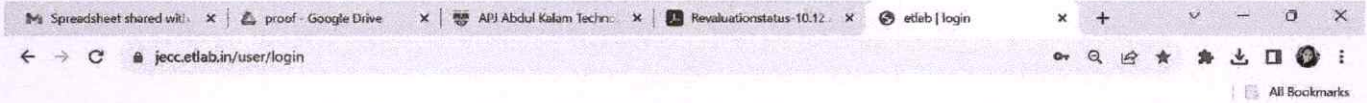
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Notifications in Campus Automation Software -ETlab



Vision of the College

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

Mission of the College

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

My Profile

Academic Analysis

Academic Fee

Activity

Allotment

Assignments

Attendance

Centralized Info

Calendar

December 2023

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Notice Board

17 Nov 2023 **Working Day for the College - Saturday , 18-11-2023**
In connection with the ongoing NBA Expert Team visit, tomorrow, 18-11-2023 will be a working day for the college with Monday's order of work. All students are directed to wear the college uniform compulsorily.
Principal





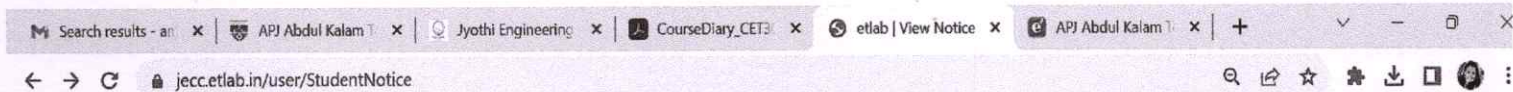
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etlab Jyothi Engineering College KRISHNAK S Messages Logout

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Notices

Displaying 61-70 of 87 results.

Title	Content	Document	Created By	Added At
Time table for First Internal Examinations - April 2023	Please find the attached time table.	View Document	VIDYA K	30th Mar '23 11:20 AM
Tharang 2023	Jyothi Engineering College is conducting its prestigious annual Techno-Cultural Fest 'THARANG-2023' on 31st March and 1st April 2023. All Staff members, Students and Parents are cordially invited to the programme. I request wholehearted support and cooperation from all students and staff members for the successful conduct of the programme. PRINCIPAL	View Document	VIDYA K	29th Mar '23 11:31 AM
World Water Day'23 Photography Contest	As a part of World Water Day '23 celebration organized by IEI students chapter, Department of Mechanical Engineering, an online photography contest will be held in our college on 05.04.2023. The topic for competition is "Accelerating Change" :ACCELERATE THE CHANGE REQUIRED TO SOLVE THE WATER AND SANITATION CRISES. Interested students can register their names and upload the photograph on or before 05.04.2023 (before 10:00 AM) through shared link below: https://docs.google.com/forms/d/e/1FAIpQLSeupaau-yOzbtAzULJ5y99XtAB5mkQZppn3paEplED-jwbsGQ/viewform?usp=sf_link PRINCIPAL	View Document	VIDYA K	28th Mar '23 03:31 PM

Q Search ENG IN 10:38 08-12-2023

Handwritten signature in green ink.





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Internal Examination - Timetable



Jyothi Engineering College

NAAAC Accredited College with NBA Accredited Programmes*

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NBA Accredited BTech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA Accredited BTech Programme in Civil Engineering valid for the academic years 2019-2022.

TIME TABLE FOR SECOND INTERNAL EXAMINATION (2019 KTU) MAY -2023

SEMESTER – VIII

CIVIL ENGINEERING

DATE	TIME	NAME OF EXAMINATION
08-05-2023	09:00am To 10:30am	CET402 QUANTITY SURVEYING & VALUATION
09-05-2023	09:00am To 10:30am	CET464 AIR QUALITY MANAGEMENT
10-05-2023	09:00am To 10:30am	CET456 REPAIR AND REHABILITATION OF STRUCTURES
11-05-2023	09:00am To 10:30am	CET458 SUSTAINABLE CONSTRUCTION

SEMESTER – VIII

COMPUTER SCIENCE & ENGINEERING

DATE	TIME	NAME OF EXAMINATION
08-05-2023	09:00am To 10:30am	CST402 DISTRIBUTED COMPUTING (DC)
09-05-2023	09:00am To 10:30am	CST464 EMBEDDED SYSTEMS
		CST444 SOFT COMPUTING
10-05-2023	09:00am To 10:30am	CST466 DATA MINING
		CST476 MOBILE COMPUTING
11-05-2023	09:00am To 10:30am	CST438 IMAGE PROCESSING
		CST458 SOFTWARE TESTING

SEMESTER – VIII

ELECTRONICS & COMMUNICATION ENGG

DATE	TIME	NAME OF EXAMINATION
08-05-2023	09:00am To 10:30am	ECTT402 WIRELESS COMMUNICATION
09-05-2023	09:00am To 10:30am	ECT434 SECURE COMMUNICATION
10-05-2023	09:00am To 10:30am	ECT456 SPEECH AND AUDIO PROCESSING
11-05-2023	09:00am To 10:30am	CET468 RENEWABLE ENERGY SYSTEMS





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IQAC guideline for examination

IQAC Guidelines for Conducting University and Internal Examinations

University Examination

Will be conducted as per the guidelines issued by the university from time to time.

Internal Examination

1. Examination time table will be published by the examination cell, 25 days before the commencement of Examination after getting approval from the principal.
2. After the publication of the Timetable, IQAC will publish the guidelines and Question paper template for the examination within 3 working days.
3. Faculty members should prepare 3 set of question papers as per the template issued by IQAC and should ensure that each Questions should be mapped with the corresponding CO and BTL
4. The 3 set of Question papers should not include more than 30% repetitive Questions
5. The 3 set of Question papers has to be submitted to IQAC within 10 working days after publishing the time table, for scrutiny.
6. A department level Scrutiny Committee will be constituted for the scrutiny of Question papers.
7. The scrutiny committee will forward the report to IQAC within 5 days.
8. IQAC will finalize the Question paper and forward it to In Examination Cell for printing 3 days before the commencement of Examinations.
9. For online Examinations the selected Question paper will be informed to the corresponding Faculty.
10. Valuation of the answer scripts should be completed within 7 working days after completion of the examination. The answer scripts are to be returned (Except those required for the course file) to the internal examination cell.
11. A common date will be announced by the Internal Examination Coordinator for returning the Answer sheets to the examination cell.
12. The internal mark has to be entered in the campus book within 10 working days after completion of the examination.





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INSTRUCTIONS ON FORMAT AND NAMING OF THE QUESTION PAPER FILES.

- There should be three question papers (A/B/C) for every subject.
- The files are to be in .pdf format.
- There must be a separate table for each section/part of the question paper. Each section should have a small header indicating the part number/name and the choice system applicable to the section. The number and structure of the sections must be in accordance with the university pattern for the relevant subject.
- Question numbering is done in the first column and numbers will run continuously from 1 to the maximum number of questions in the question paper, irrespective of the sections/parts. The numbering here must not contain alphabets or special characters. Sub-questions must be referred to as a,b,c etc. and the code must be within the cell allotted to the matter of the question. A question must not span more than a cell.
- Restriction of the size of the question paper to two pages is advised for convenience and to save trees.
- The question paper files are to be named in the following format. QP-DateofExam-Dept-Semester-Subject_Code-Subject_name-qp_code (qp_code is A,B and C respectively for the three question papers being uploaded)
(Eg: QP-05/03/19-CSE-VI-CS306-COMPUTER_NETWORKS-A).
- The question paper should contain questions covering 2 modules.

EXAM CODE: Top Left Corner: <DEPT><UG or PG><2/4/8><A/B/X><DATE><F/A>

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<DEPT>: Department which is offering the course. (Not the department of the faculty)

<2/4/8> : 2 or 4 or 8 depending on the semester

<A/B/X> : Batch : A or B and X if common to both.

<F/A> : Forenoon or

Afternoon (Eg:

CSUG2X240220F)

It is envisaged that that all the courses shall be having COs defined, mapped to the corresponding POs and in turn to the Performance Indicators. IQAC works in tandem with the Exam Cell to conduct the series examinations. IQAC is in charge of preparing the question papers for in semester exams and the logistics of conducting the exams are taken care of by the examination cell. IQAC shall receive a set of three question papers from each faculty and an expert panel set up by IQAC involving subject experts chooses a question paper from the three, to be used for the exam.

The expert committee set up by IQAC for the purpose shall look into the following aspects while scrutinizing and selecting the question paper for the exam:

1. Whether the questions are in precise accordance with the syllabus prescribed for the exam.
2. Whether the questions assess all the performance indicators mapped to the relevant COs of the portions prescribed.
3. Whether question paper contains questions from various Bloom's Taxonomy levels.
4. Whether each question is correctly mapped to the corresponding COs, PIs and BTL.
5. Whether the question paper carries the same total marks as declared in the course sheet published by the faculty.

The committee shall have the right to create a new question paper collating questions from the three submitted ones or even set a new one if it deems the submissions to be inadequate in quality.





Jyothi Engineering College

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Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University
 A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
 JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



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IQAC Scrutiny Report

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY-THRISSUR 679531							
VI Semester 1st		Internal Examina		APRIL		2023	
IQAC Scrutiny Report of Submitted Question papers				Department		ECE	
Sl	Parameter	Subject Code and Name					
		ECT 302	ECT 304	ECT 306	ECT 322	ECT 352	HUT 310
		EMT	VLSI	ITC	PE	DIP	MFE
1	Question paper follows template issued by IQAC						
a)	QP Code, Subject Code, Subject Name	YES	YES	YES	YES	YES	YES
b)	Name of examination, semester, month and year	YES	YES	YES	NO	YES	YES
c)	Total marks and duration of examination	YES	YES	YES	NO	YES	YES
d)	Mark distribution	YES	YES	YES	YES	YES	YES
2	Each question is mapped with corresponding CO's	YES	YES	YES	YES	YES	YES
3	Each question is categorized in to corresponding BTL	YES	YES	YES	YES	YES	YES
4	Duplication of questions in the same question paper	NO	NO	NO	NO	NO	NO
5	Clarity of the questions (Figures, Tables, Equations etc.)	Good	Good	Good	Good	Good	Good
Action Taken Report							
Sl	Subject Code	Decision on the Submitted Question paper					
1	ECT 302	Accepted					
2	ECT 304	Accepted					
3	ECT 306	Accepted					
4	ECT 322	Need Resubmission					
5	ECT 352	Accepted					
6	HUT 310	Accepted					
Additional Remarks (if any)							
Scrutiny Committee				IQAC			

Joseph





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Sample Question Paper

QP CODE

Roll No:

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THRISSUR, 679531

FIRST/THIRD/FIFTH/SEVENTH SEMESTER B. TECH FIRST SESSIONAL EXAMINATION, MONTH, YEAR

Department of

Course Code: Course Name

(Common to AD/CE/CSE/ECE/EEE/ME/MR/RA if applicable*)

Time: 90 Minutes

Max Marks:50

PART A

(Answer All Questions)

Qn. No	Questions	Marks	CO	BTL
1	Question 1 (Preferably from Module 1)	3		
2	Question 2 (Preferably from Module 1)	3		
3	Question 3 (Preferably from Module 2)	3		
4	Question 4 (Preferably from Module 2)	3		
5	Question 5 (Preferably from first half of Module 3)	3		

PART B

Section I- (Answer Any One Question)

Qn. No	Questions	Marks	CO	BTL
6	Question 6 with / without subdivisions (Preferably from Module 1)	14		
7	Question 7 with / without subdivisions (Preferably from Module 1)	14		

Section II- (Answer Any One Question)

Qn. No	Questions	Marks	CO	BTL
8	Question 8 with / without subdivisions (Preferably from Module 2)	14		
9	Question 9 with / without subdivisions (Preferably from Module 2)	14		

Section III- (Answer Any One Question)

Qn. No	Questions	Marks	CO	BTL
10	Question 10 with / without subdivisions (Preferably from first half of Module 3)	7		
11	Question 11 with / without subdivisions (Preferably from first half of Module 3)	7		

*All the Best *

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Answer Booklet



Jyothi Engineering College

CREATING TECHNOLOGY LEADERS OF TOMORROW ESTD 2002

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 NBA & NAAC Accredited Approved by AICTE Affiliated to KTU
 JYOTHI HILLS, P.O. VETTIKATTIRI, CHERUTHURUTHY, THRISSUR-679531

INTERNAL EXAMINATION ANSWER BOOK

Instructions to Candidates:

1. Write your answers on both sides of the sheets beginning from the second page
2. Additional sheets will not be supplied

Name of Student Hridya T.P

Subject Name Geotechnical Engineering - II Semester 5

Branch/Stream Civil Subject Code CE 905

Register No.

L	J	E	C	2	0	C	E	4	8
---	---	---	---	---	---	---	---	---	---

Signature of Student [Signature] Signature of Invigilator [Signature]

Date of Examination DD

1	6
---	---

 MM

1	1
---	---

 YYYY

2	0	2	2
---	---	---	---

 FN/AN

FN

Code No. of Question Paper CEU5X09122F

MARKS AWARDED BY THE EXAMINER (To be entered by the Examiner)

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
a	3	3	2	3	3	13		14			6						
b																	
c																	
d																	

Q. No.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
a																	
b																	
c																	
d																	

Signature of Faculty with Date: [Signature]

Total Marks



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Notice Board - Campus

EXAM NOTIFICATIONS

The image shows several documents related to exam notifications, including a large table of course details and a smaller table of course titles and venues.

Sl. No.	COURSE CODE	COURSE TITLE	VENUE
1	AD01	General Value Education and Remedial Courses	LAB 04-842111, ANANTHAPADAM
2	AD01	Computer Aided Design (CAD)	LAB 04-842111, ANANTHAPADAM DEPT.
3	AD09	CCTV Installation	LAB 04-842111, ANANTHAPADAM DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
4	AD08	Basics of Programming	LAB 04-842111, ANANTHAPADAM DEPT.
5	AD09	Programming Python (Big Data)	LAB 04-842111, ANANTHAPADAM DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
6	AD10	Full Stack Web Development - Three Pillars of Web Programming	LAB 04-842111, ANANTHAPADAM DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
7	AD11	Introduction to MATLAB	LAB 04-842111, ANANTHAPADAM DEPT.
8	AD12	Printing	LAB 04-842111, ANANTHAPADAM DEPT.
9	AD13	Excel and Word Client	LAB 04-842111, ANANTHAPADAM DEPT.



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B.Tech S4 Semester

B.Tech (B.Tech Full Time 2019 Scheme) Programme

CET204-GEOTECHNICAL ENGINEERING I Course

CIVIL ENGINEERING Branch

Regular Degree Type

Check this option if Internals are not ready:

Student Name	Attendance Percentage	Internal Marks/80	Avail Long Leave	Avail Duty Leave	Disciplinary Action	Eligible for Written Exam	Status	In-eligibility Type
AADHARSH K M - JEC21CE001	88	35				Yes	Submitted by college	
AASAD M S - JEC21CE002	93	36				Yes	Submitted by college	
ABHINAND P S - JEC21CE003	95	36				Yes	Submitted by college	
AGNA ROY - JEC21CE004	81	39				Yes	Submitted by college	
ALPHRED VARIED T P - JEC21CE005	82	35				Yes	Submitted by college	
AMAL SANAF S - JEC21CE006	93	35				Yes	Submitted by college	
ANJANA CHANDRAN V - JEC21CE007	92	47				Yes	Submitted by college	

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Progress Card



Jyothi Engineering College
 Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy Thrissur, Kerala 679531
 info@jecc.ac.in

Civil Engineering 2K20

PROGRESS REPORT

ROLL NO : 24		CE 2K20
NAME : SEETHAL ANNA KORULLA		
BRANCH : Civil Engineering 2K20		

Semester	UNIVERSITY EXAMINATION SUPPLEMENTARY DETAILS			
	Total number of Subjects	Cleared	Remaining	SGPA
Ist Semester	5	5	0	9.47
IInd Semester	6	6	0	9.79
IIIrd Semester	8	8	0	9.09
IVth Semester	8	8	0	8.91
Vth Semester	8	8	0	8.70
Total	35	35	0	CGPA: Semester : 9.15

Code	Subject	IM	SE 1	SE 2	SE 3	AM 1	AM 2	Attendance %
CET302	STRUCTURAL ANALYSIS II	0	47/50			25/25		98
CET304	ENVIRONMENTAL ENGINEERING	0	46/50			20/20		98
CET306	DESIGN OF HYDRAULIC STRUCTURES	0	47/50			40/50		96
HUT300	INDUSTRIAL ECONOMICS & FOREIGN TRADE	0	37/50			15/15	15/15	100
CEL332	TRANSPORTATION ENGINEERING LAB	0						100
CEL334	CIVIL ENGINEERING SOFTWARE LAB	0						100
ADDON 04	Python Programming	0						100
CET308	COMPREHENSIVE COURSE WORK	0						100
CET352	ADVANCED CONCRETE TECHNOLOGY	0	36/50			10/10		100
Percentage			85.2					
CLASS AVERAGE			39.17	0	0			

*IM - Internal Mark *SE - Series Exam *AM - Assignment Mark

REMARKS IF ANY :

SIGNATURE OF HOD

For any queries please contact

SIGNATURE OF FACULTY ADVISOR

