

## **INDEX**

## 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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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR. PIN-679531 PH: +91-4884-259000, 274423 FAX: 04884-274777



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

## University Calendar by KTU 2021-22

		K		Ac	ade	emic Calendar - No	ven	nber	202	1 to March 2022	
		6)	В.7	Fech S1/5	\$3/85	, B.Arch S1/S3/S5, B.Des S1/S M.Tech S1, M	3, Bl	MCT S	1/S3 Plan	, MCA S3, MBA S3, Int MCA S S1	53,
		Nov-21				Dec-21				Jan-22	
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class
Mon	1		1	Wed	1	First CC Meeting	25	Sat	1		44
Tue	2		2	Thu	2	Course Selection and Mapping Ends(B.Arch S3, B.Tech S3,MCA S3, MBA S3,Int MCA S3,B.Arch S5)	26	Sun	2		
Wed	3		3	Fri	3		27	Mon	3		45
Thu	4	Deepavali		Sat	4		28	Tue	4		46
Fri	5		4	Sun	5			Wed	5		47
Sat	6		5	Mon	6	Course Selection and Mapping Begins(51 BHMCT/ B.Arch/ B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	29	Thu	6		48
Sun	7			Tue	7		30	Fri	7	First Series test to be completed(S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5, B.Tech S5)	49
Mon	8	Commencement of classes(B.Des S3)	6	Wed	8		31	Sat	8		
Tue	9		7	Thu	9	Student Enrollment of all first semester UG & PG Programmes Ends.	32	Sun	9		
Wed	10		8	Fri	10	Course Selection and Mapping Ends(S1 BHMCT/ B.Arch/ B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	33	Mon	10		50
Thu	11		9	Sat	11			Tue	11		51
Fri	12		10	Sun	12			Wed	12		52
Sat	13			Mon	13		34	Thu	13		53
Sun	14			Tue	14		35	Fri	14	First Series test to be completed (S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/ M.Tech)	54
Mon	15	Commencement of classes (B.Arch S3, B.Tech S3, MCA S3, MBA S3,Int MCA S3, B.Arch S5)	11	Wed	15		36	Sat	15		55
Tue	16		12	Thu	16		37	Sun	16		
Wed	17		13	Fri	17		38	Mon	17		56
Thu	18	Commencement of classes (B.Tech S5,BHMCT S3)	14	Sat	18			Tue	18		5
Fri	19		15	Sun	19			Wed	19		5

Facility 1

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Dr. JOSE P THERATTIL

Principal
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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
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THE LINE	Table St
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## APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

## Academic Calendar - November 2021 to March 2022

B.Tech S1/S3/S5, B.Arch S1/S3/S5, B.Des S1/S3, BHMCT S1/S3, MCA S3, MBA S3, Int MCA S3, MT Toch S1, M Arch S1, M Plan S1

		M.Tech S1, M.Arch S1, M.Plan S	M. Tech S1, M. Arch S1, M. Plan S1					
		Events						
l. No.		Odd Semester(2021-22)	Important Dates					
	Commencement of classes and r	egistration (B.Des S3 )	08-Nov					
	Commencement of classes(B.Arc	h S3, B.Tech S3,MCA S3, MBA S3,Int MCA S3,B.Arch S5)	15-Nov					
1	Commencement of classes (B.Te	ch S5,BHMCT S3)	18-Nov					
	Commencement of classes (BHN	MCT S1 , B.Arch S1,B.Des S1 , B.Tech S1)	22-Nov					
	Commencement of classes(M.Ar	29-Nov						
2	Student Enrollment of all first se	30 Nov - 9 Dec						
	Course Selection and Mapping (	23 Nov - 25 Nov						
3	Course Selection and Mapping (	3.Arch S3, B.Tech S3,MCA S3, MBA S3,Int MCA S3,B.Arch S5)	26 Nov - 2 Dec					
	Course Selection and Mapping B	egins(S1 BHMCT/ B.Arch/ B.Des/ B.Tech/ M.Arch/M.Plan/M.Tech)	6 Dec - 10 Dec					
4	CC Meetings		Dec 1, Jan 28, Feb 23, Mar 3					
5	First Series test to be completed B.Tech S5)	(S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch SS,	07-Jan					
	First Series test to be completed	(S1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	14-Jan					
6	Exam Registration		Feb 1 - Feb 10					
7	Second Series test to be comple B.Tech S5)	ted(S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5,	19-Feb					
8	Publish IA Marks (S3 B.Des/B.Arc	ch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch SS, B.Tech SS)	25-Feb					
9	Class Ends Publish Attendance (S B.Tech SS)	S3 B.Des/B.Arch/ B.Tech/BHMCT/MCA/MBA/Int MCA, B.Arch S5,	28-Feb					
10	Second Series test to be comple	26-Feb						
11	Publish IA Marks(S1 BHMCT/B.A	rch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	07-Mar					
12	Class Ends Publish Attendance(S	1 BHMCT/B.Arch/B.Des/ B.Tech/M.Arch/M.Plan/M.Tech)	09-Mar					



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## **Academic Calendar by College 2021-2022**

SEMESTER-WISE (2021-22) ACADEMIC CALENDAR			The state of the s							
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (\$4,\$6,\$8 EVEN)  Apr-22  Apr-22  May-22  Jun-22  I Last Date Description  Project Internal Evaluation to be Sat completed  Sun (\$2,\$4,\$6,\$8 EVEN)  Thu Evaluation to be Sat completed  3  Second CC Meeting Sun (\$2,\$4,\$6,\$8 Class ends 4  Second CC Meeting Sun (\$2,\$4,\$6,\$9,\$9 Even (\$2,\$4,\$6,\$9)  Tue Department meeting Sun (\$2,\$4,\$6,\$9,\$9 Even (\$2,\$4,\$6,\$9)  Tue	Second Series	9531	Nba Mogr. 498 Thincipal Cr. 190th Engineering Cr. 190th Engineering - 67		Sports Day	0		0		c
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (\$4,\$6,\$8 EVEN)  Apr-22  Apr-22  May-22  Jun-22  I Last Date for Final Project Report Submission  Sat  Sat  Sat  Sat  Mon  Mon  Date  Description  Date  Description  Date  Description  Date  Description  Date  Description  Date  Description  Date  Project Internal Evaluation to be completed  Sat  Sat  Project Internal Evaluation to be completed  Sat  Project Internal Sat  Sat  Project Internal Evaluation to be completed  Sat  Project Internal Sat  Sat  Project Internal Evaluation to be completed  Sat  Project Internal Sat  Sat  Project Internal Evaluation to be completed  Sat  Sat  Publish Attendance  Mon  Sat  Sat  Publish Attendance  Mon  Sat  Sat  Sat  Sat  Sat  Sat  Sat  Sa		Tue	DTHERATT	Sun	& Completion of Module I (\$6,\$4,\$2)	Thu		Tue		Sat
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  Apr-22  I st Assignment to be completed  I last Date Description  Project Report Final Submission  2 Last Date for Final Project Internal Evaluation to be completed  Sat  Sat  Sun  Tue  (S2,S4,S6)  Fri  Sat  Project Internal Evaluation to be completed  Sun  Second CC Meeting Sun  Second CC Meeting Sun  Second CC Meeting Sun  A Department meeting Sat  Publish Attendance Mon		S		5	Completion of Module IV(S8)	S		S		Un
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  Apr-22  Apr-22  I st Assignment to be completed  I st Assignment to be completed  Sat  Sat  Thu  Sat  Thu  (S2,S4,S6)  Time  (S2,S4,S6)  Thu  A Department meeting  A SR Class ends  A Department meeting  A SR Class ends  A Department meeting  A SR Class ends  A A Department meeting		Mon		Sat				Mon		Fn:
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  Apr-22  Apr-22  Apr-22  I st Assignment to be completed  Sat  Sat  Tue  Sat  Tue  Second CC Meeting (S2,S4,S6)  Titing (S2,S4,S6)  Tit		4	S8 Class ends	4	Department meeting	-		4		4
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  May-22  Jun-22  I st Assignment to be completed  Thu Evaluation to be completed  Thu Evaluation to be Completed  Sat Seminor Cale Date (S4,S6,S8 EVEN)  Jun-22  Jun-22  Jun-22  Jun-22  Jun-22  Last Date for Final Project Report Submission  Thu Evaluation to be Sat Completed		Sun Sun	Second CC Meeting (S2,S4,S6)	Fi. 3	First CC Meeting (S2,S4,S6)	Tue		Sun 3	Commencement of B. Tech S8 classes	100
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  May-22  Jun-22  I st Assignment to be completed  Date Description  Date Description  Date Description  Date Description  Last Date for Final Project Report Submission  2 Last date for 2  Project Internal		Sat	Evaluation to be completed	Thu	T-S-M-HARIKONICHO			Sat		Wcd
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  May-22  Jun-22  1		2	Last date for Project Internal	2				2		2
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)  Apr-22  Apr-22  May-22  Date Description  Date Description  Date Description	Third CC M (S2,S4,S	Fi	Last Date for Final Project Report Submission	Wed	4 % Day		1st Assignment to be completed	Fri -		
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (\$4,86,88 EVEN)  Apr-22  May-22  Jun-22	Description	Date	Description	Date	Description	Date	Description	Date	Description	Date
SEMESTER-WISE (2021-22) ACADEMIC CALENDAR DEPARTMENT OF CIVIL ENGINEERING (S4,S6,S8 EVEN)	Jul-22		Jun-22		May-22		Apr-22		Mar-22	
			LENDAR S6,S8 EVEN)	(S4,	121-22) ACADEMIO L ENGINEERING	SE (20 CIVI	SEMESTER-WIS	D		





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16	Tue	15	Mon	14 Fi	Sun	13	Sat	12	Fri	11	Thu	10	Wed	9	Tue	8 Depa	Mon	7		Sun
			(S8)	First CC Meeting												Department meeting				
					Wed	13	Tue	12	Mon	=	Sun	10	Sat	9	Fi.	000	Thu	7		Wed
					be Completed (S8)	First Sprips Tost to	B.Tech S6 classes	Commencement of							Evaluation 1 to be completed	Project/Jury		Naac Moc Audit		
16	Sun	15	Sat	14	끍.	13	Thu	12	Wed	=	Tue	10	Mon	9	Sun	00	Sat	7		Fri
2nd Assignment to																	Alto Day	Aude Dan		
16	Wed	15	Tue	14	Mon	13	Sun	12	Sat	11	Fri	10	Thu	9	Wed	000	Tue	7		Mon
2nd Assignment to 176											Module III (S6,S4,S2)	Completion of						Department meeting		
E.	Fi.	15	Thu	14	Wed	13	Tue	12	Mon	=	Sun	10	Sat	9	F.	00	Thu	7		Wed
Wothi Engline - 675	(S2, Sopincipal Col	Completion of	completed (S4,S6)	Lab Cycle 2 to be	Exam to be completed (S2)	Internal Lab									completed (S2)	Tab Cuals 3 to be			Departme nt meeting	Completed (S6,S4,S2)



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## **KTU Notice Board**

ANNEXURE 1

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



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6

		6. Asses	ssment	
R6.1	prescribed under the re 2 semesters. The End	spective curricul Semester Exam be completed at	lum, except the inations shall b	every semester for all courses as Lab/ workshops courses for 1 & the conducted by the University before the commencement of the
R6.2	session (for even sem	esters) and Nov mester Examina	vember/Decemb	d twice in a year - May/June er session (for odd semesters) II and VIII Semesters shall be
R6.3		ester Examination of Semester Examination : 1 : 2	ons (ESE). The	Continuous Internal Evaluation ratio of Continuous Interna shall be as below:
R6.4		valuation (CIE))	: The Continuou	is Internal Evaluation shall be or
	assignments (minimus Continuous Internal E	m two). The fact valuation (CIE) its shall be con	riodic tests (mi culty member (s for the course all nputed by givir	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marks ag weightage to the following to the following to the following the contract of the contr
	assignments (minimus Continuous Internal E for individual subject	m two). The fact valuation (CIE) its shall be con	riodic tests (mi culty member (s for the course all nputed by givir	nimum two in a semester) and ) concerned shall carry out the otted to him/her. The CIE marks ag weightage to the following
	assignments (minimus Continuous Internal E for individual subject parameters unless other	m two). The factivaluation (CIE) if its shall be concernise specified in	riodic tests (mi culty member (s for the course all nputed by givin in the curriculum	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marks ag weightage to the following a.  Assignment/ Class work/
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course	m two). The factivaluation (CIE) if its shall be concerwise specified in Attendance	riodic tests (mi culty member (s for the course all nputed by givin in the curriculum Tests	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following a.  Assignment/ Class work/ Course project.
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course  Theory Drawing/ Practical There shall be minimus	n two). The fact valuation (CIE) it is shall be concerwise specified in Attendance  20% 20% num two internal	riodic tests (mi culty member (s for the course all nputed by givin in the curriculum Tests 50% 40% all evaluation tests	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following a seminary course project.  30% 40% ts, each of 2hrs duration. Each
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course Theory Drawing/ Practical There shall be minimus test shall cover 500	n two). The fact valuation (CIE) it is shall be conserwise specified in Attendance  20% 20% num two internation of the syllability.	riodic tests (mi culty member (s for the course all nputed by givin in the curriculum Tests  50% 40% all evaluation tests and shall be	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following.  Assignment/ Class work/ Course project.  30% 40% ts, each of 2hrs duration. Each for 50marks. Retest shall be
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course  Theory Drawing/ Practical There shall be minimatest shall cover 509 permitted to the study	n two). The fact valuation (CIE) if the shall be conserwise specified in Attendance  20% 20%  num two internate of the syllability who could	riodic tests (mi culty member (s for the course all nputed by givin in the curriculum Tests  50% 40% all evaluation tests and shall be not appear for the curriculum tests and shall be not appear for the culty members and shall be not appear for the culty members and shall be not appear for the culty members and shall be not appear for the culty members and shall be not appear for the culty members are shall be not appear for the culty members and shall be not appear for the cul	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following.  Assignment/ Class work/ Course project.  30% 40% ts, each of 2hrs duration. Each for 50marks. Retest shall be the internal tests due to genuine
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course  Theory Drawing/ Practical There shall be minimatest shall cover 509 permitted to the study	Attendance  20% 20% num two internation two internations of the syllabulants who could shall be utilised	riodic tests (mi culty member (s for the course all nputed by givin in the curriculum Tests  50% 40% all evaluation test us and shall be not appear for the for conducting the culty members.	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following.  Assignment/ Class work/ Course project.  30% 40% ts, each of 2hrs duration. Each for 50marks. Retest shall be the internal tests due to genuine the internal evaluation test.
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course  Theory Drawing/ Practical There shall be mining test shall cover 50% permitted to the study grounds. Three days	n two). The fact valuation (CIE) if the shall be comerwise specified in the Attendance  20% 20%  20%  num two internation of the syllabilities who could shall be utilised a. Work as b. Three Committee CIE committee.	riodic tests (mi culty member (sfor the course all nputed by givin in the curriculum Tests 50% 40% all evaluation tests and shall be not appear for the for conducting the seessed by the promember Contract (Gunmittee) Evaluation by	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following.  Assignment/ Class work/ Course project.  30% 40% ts, each of 2hrs duration. Each for 50marks. Retest shall be ne internal tests due to genuine ne internal evaluation test. oject guide – 30% tinuous Internal Evaluation ide shall be one member in the
	assignments (minimus Continuous Internal E for individual subject parameters unless other Course  Theory Drawing/ Practical There shall be minimatest shall cover 509 permitted to the study	n two). The fact valuation (CIE) if the shall be comerwise specified in the specified in th	riodic tests (mi culty member (set for the course all inputed by giving in the curriculum.  Tests  50% 40% all evaluation tests and shall be not appear for the for conducting the sessed by the promember Contact and the conduction of the department of the course of the conduction of the department of the course	nimum two in a semester) and concerned shall carry out the otted to him/her. The CIE marking weightage to the following.  Assignment/ Class work/ Course project.  30% 40% ts, each of 2hrs duration. Each for 50marks. Retest shall be the internal tests due to genuine the internal evaluation test.

Dr. JOSE P THERATTIL
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Dyothi Engineering 679531



# Jyothi Engineering College NAAC Accredited College with NEW Accredited Programmes\*

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	Seminar	The report and the presentation shall be evaluated by a team of internal members comprising three senior faculty members based on the style of presentation, technical content, adequacy of reference, depth of knowledge and overall quality of the report.  a) Attendance : 10% b) Guide : 20% c) Technical content : 30% d) Presentation : 40%					
	awarded in full, o subject. If a studen the attendance sha for all subjects i commencement of awarding the intern	the attendance (20%) for each theory, practical and drawing shall be nly if the candidate has secured 90% attendance or above in the t has attendance for a subject below 90%, reduction in the marks for ll be made proportionally. The CIE marks obtained by the student n a semester are to be published at least 5 days before the f the University examinations. Duty leave shall be accounted for the marks for attendance.					
R6.5	Students, who have completed a course but could not write the end semested examination, shall be awarded "I' Grade, provided they meet other eligibility criteria (R6.6). They shall register (exam registration) and appear for the end semested examination at the next opportunity and earn the credits without having to registed (course registration) for the course again.						
R6.6	for appearing for do not meet these	ity criteria for registering to the End Semester Examination are course and no pending disciplinary action. The minimum attendance the End Semester Examination is 75% in each course. Students who eligibility criteria are awarded an FE grade.					
R6.7	The students with which the courses students can regis institute.	FE grade shall register for the courses during the normal semesters in are offered. However, for the seventh and eighth semester FE grade ter for the courses in the next immediate chance, if offered by their					
R6.8	A student who d semester shall not	oes not register for all the courses listed in the curriculum for a be eligible to enroll for the next higher semester.					
R6.9	The maximum number of credits a student can register (course registration) for, in semester is limited to 08 credits in excess of the total mandatory credits allotted in the curriculum for that semester.						
R6.10	satisfying the foll  1. Fulfilled a course.  2. Earned th branch of	e eligible for the award of B. Tech. Degree of the University on owing requirements:  all the curriculum requirements within the stipulated duration of the required minimum credits as specified in the curriculum for the study (R3.6 and R3.7).  In g disciplinary action.					

From 18

Dr. JOSE P THERATTIL

Principal

Jyothi Engineering 679531

Cheruthuruhy - 679531



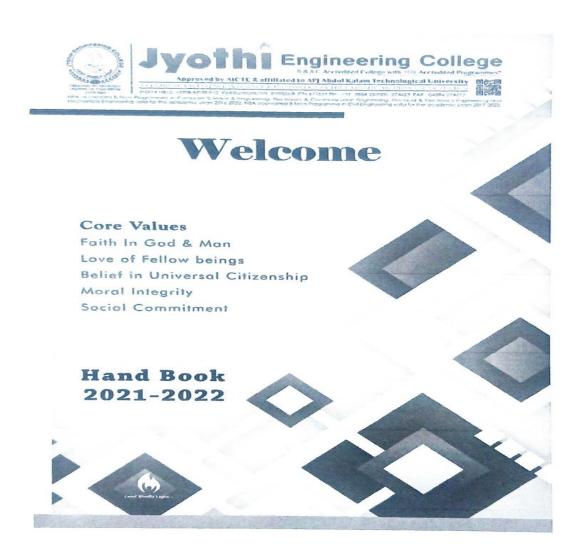
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## **College Hand Book**



Poralid

Dr. JOSE P THERATTIL Principal Jyothi Engineering College Cherumuruhy - 679531



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

30 JYOTHI ENGINEERING COLLEGE

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Forate

Dr. JOSE P THERATTIL

Principal

Oyoth Engineering College
Cheruthuruthy 679531



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



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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:-

- 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.
- Co-curricular and Extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.
- Academic functioning of the college encompassing students, faculty and college administration covering punctuality, attendance, discipline, academic, environment, learning ecosystem, academic accountability, academic achievements and benchmarking.
- The audit shall also cover the quality criteria prescribed by NBA/NAAC.

#### 6. Assessment

- 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

34 IVUTHI ENGINEERING COLLEGE 2021-22 HAND BOOK 0

Dr. JOSE P THERATTIL
Principal

Jyothi Engineering College
Cheruthuruthy - 679531

Formation



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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.

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.

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

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

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JYOTHI ENGINEERING COLLEGE 2021 - 22 HAND BOOK Pare Hall



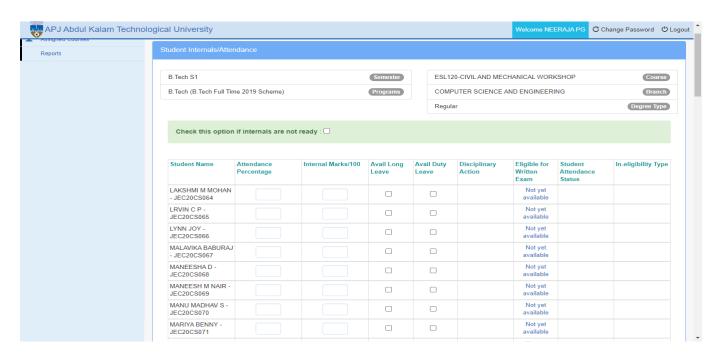
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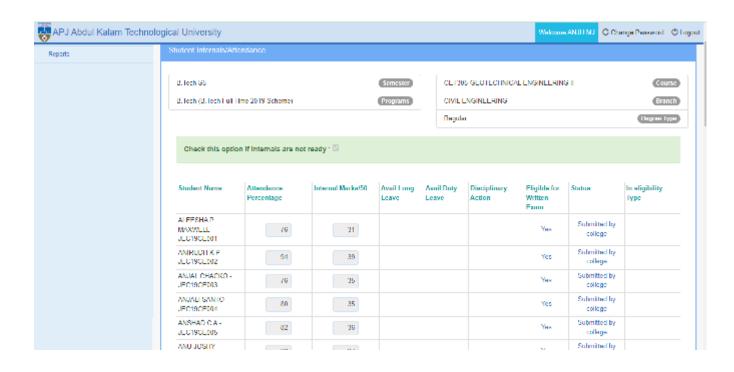
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## Web portal of KTU Mark entry







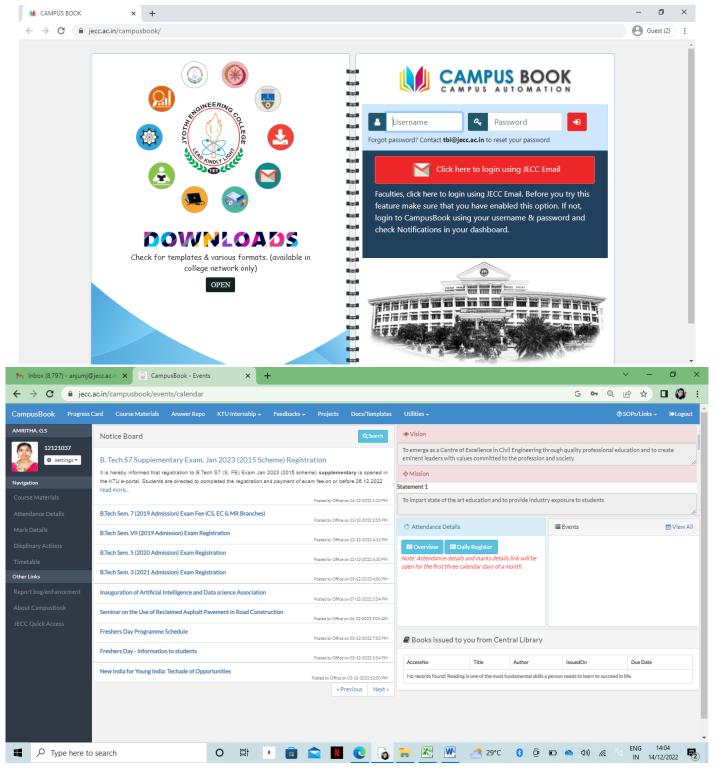
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## **Examination details published in Campus book**







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#### TIME TABLE FOR EIGHTH SEMESTER B.TECH. EXAMINATION (2015 KTU)

## Second Internal Examination, May-2022 CIVIL ENGINEERING

DATE	TIME	NAME OF EXAMINATION
26-05-2022	09:00am. To 10:30am	CE 402 Environmental Engineering II
	07.000	CE 404 Civil Engineering Project Management
30-05-2022	09:00am. To 10:30am	CE 474 Municipal Solid Waste Management
31-05-2022	09:00am. To 10:30am	NON DEPARTMENTAL ELECTIVE

#### COMPUTER SCIENCE & ENGINEERING

DATE	TIME	NAME OF EXAMINATION
26-05-2022	09:00am. To 10:30am	CS 402 Data Mining and Warehousing
27-05-2022	09:00am. To 10:30am	CS 404 Embedded System
30-05-2022	09:00am. To 10:30am	CS 472 Principles of Information Security
31-05-2022	09:00am. To 10:30am	NON DEPARTMENTAL ELECTIVE

#### ELECTRONICS & COMMUNICATION ENGINEERING

DATE	TIME	NAME OF EXAMINATION
26-05-2022	09:00am. To 10:30am	EC 402 Nano Electronics
27-05-2022	09:00am. To 10:30am	EC 404 Advanced Communication Systems
30-05-2022	09:00am. To 10:30am	EC 468 Secure Communication
31-05-2022	09:00am. To 10:30am	NON DEPARTMENTAL ELECTIVE



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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**

- Examination time table will be published by the examination cell, 25 days before the commencement of Examination after getting approval from the principal.
- After the publication of the Timetable, IQAC will publish the guidelines and Question paper template for the examination within 3 working days.
- 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
- The 3 set of Question papers has to be submitted to IQAC within 10 working days after publishing the time table, for scrutiny.
- 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.
- IQAC will finalize the Question paper and forward it to In Examination Cell for printing 3 days before the commencement of Examinations.
- 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.

13.



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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:

- Whether the questions are in precise accordance with the syllabus prescribed for the exam.
- 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.
- 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.

1 | Page



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#### IQAC Scrutiny Report of the Question Paper

		Details of Que	stion Paper						
1.	Course Code			3. D	uratio	on			
2.	Course Name			4. N	1ax M	larks			
		Faculty Details	(Scrutiny)						
1.	Name of Verifying faculty								
2.	Designation & Department								
3.	Name of Approving faculty								
4.	Designation & Department								
5.	Date of scrutiny								
	Fill the following details after	completing the	verification of	Onesti	on Pa	ner &	Sche	me	
	,	completing the	verification of	Questi	OII I U	iper ce	Denie	inc	
Sl.	Parameters		Verified and		If N	ot, wi	ite th	ie req	uired
N			found Correc	ct /		co	rrect	ions	
0			Not Correct						
1.	Course code & Course Name								
2.	Max Marks & Duration								
4.	Pattern of Question Paper	C1 : 0							
4.	Marking of Compulsory Questio Instructions	ns, Choices &							
	( like - Use of Tables, Graph She	etc etc )							
5.	Module wise distribution of Mar		Module	I	II	III	IV	V	VI
٥.	Wisc distribution of War	KS	Marks	1		***	11	-	7.1
			Percentage	1					
6.	Clarity of the Questions: Yes/No								
7.	Duplication of Questions: Yes/N								
8.	Whether distribution of question	s are as per							
	particular syllabus covering anal	ytical /							
	numerical / descriptive/Design ty								
9.	Whether one third of the question								
	is application/design oriented as	per the format							
	supplied by KTU: Yes/No								
10	Sufficiency of Duration of Time:								
11	Recommendation: QP Can		Accepted with		r	*)			
	be		ions"/ Rejecte						
	**) Suggested Corrections (either	r on the Questio	n Paper itself o	r attac	h add	itional	page	)	
	***) Reasons for Rejection:								
12	Whether the Scheme of Evaluation	on is sufficient f	or Valuation, if	not,					
	give suggestions:								
13	Whether the scheme of Evaluation	on can be Accept	ted/Rejected						

IQAC, Jyothi Engineering College- Thrissur 2021-2022

1 | Page



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14	I hereby certify that, I have so required corrections as mention	rutinized the Question Paper and scheme of evaluation and made oned above.
		Signature of the verifying faculty
15	I hereby certify that; I have cr	oss checked all details as mentioned above.
		Signature of the approving faculty
	Counter signed	
	H	ead of the department



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## **Sample Question Paper**

12/9/22, 2:29 PM

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QP CODE

Roll No:....

## JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY FIRST/THIRD/SEVENTH SEMESTER B.TECH FIRST/SECOND SESSIONAL EXAMINATION MONTH, YEAR

Department of

<Course Code: Course Name> (KTU 2019 Scheme) (Common to <Branches> if applicable)

Time: 90 minutes

Max Marks: 50

#### INSTRUCTIONS

Answer Two Sections Separately

#### Section1

## PART A (Answer All Questions)

Qn. No	Questions	Mark s	C	BT L
1	Question 1 with subdivisions < M1/M3*>	10		
2	Question 2 with subdivisions < F.H of M2/S. H of M2*>	5		

#### PART B (Answer Any One)

Qn. No	Questions	Mark s	C	BT L
3	Question 3 with subdivisions <m1 m3*=""></m1>	10		
4	Question 4 with subdivisions < M1/M3*>	10		

#### Section2

#### PART C (Answer All Questions)

Qn. No	Questions	Mark	C	BT
5	Question 5 with subdivisions < M4/M6*>	10		
6	Question 6 with subdivisions < F.H of M5/S. H of M5*>	5	,	1

PART D

Dr. JOSE P THERATTIL

Principal

Jyothi Engineering College

Cheruthuruthy - 679531

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LEADIES OF TOMORISON LINE STEP 2002.

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#### (Answer Any One)

Qn. No	Questions	Mark s	C	BT L
7	Question 7 with subdivisions < M4/M6*>	10		
8	Question 8 with subdivisions < M4/M6*>	10		

All The Best

\* Module Number, F H: First Half, S H: Second Half

Forth

Dr. JOSE P THERATTIL

principal

Jyothi Engineering College
Charuthuruthy - 879531





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## **Sample Answer Sheet**



#### INTERNAL EXAMINATION ANSWED BOOK

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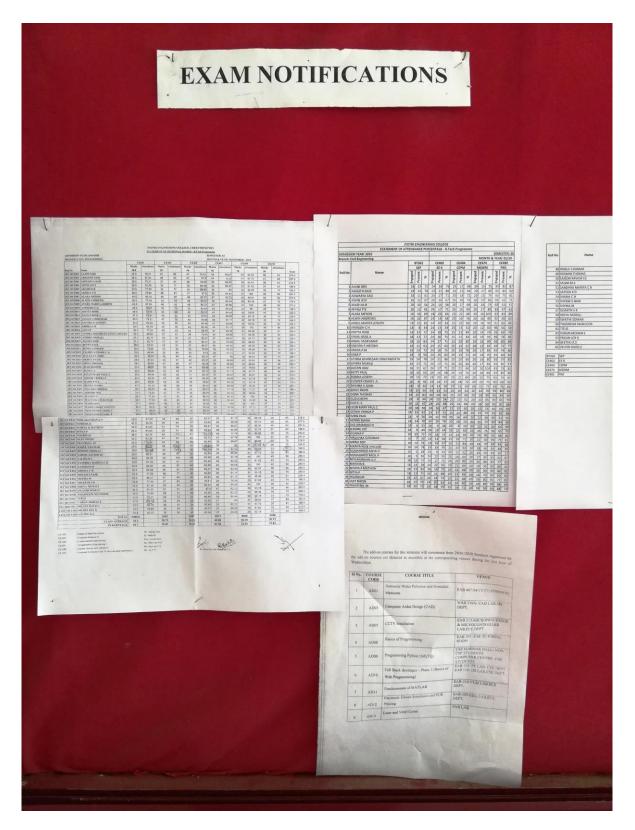
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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



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

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## Department of Electronics and Communication Engineering(A)

#### Attendance & Progress Report

Date: 10-01-2022

Dear Sir/Madam,

The attendance and progress of your ward Ms. RESHMI B studying in S7 BTech in Electronics and Communication Engineering(A) is noted below.

#### The marks obtained in First Sessional

Sub Code	Subject Name	Marks Obtained	Class Average	Attendan ce%	Remarks
1-0-20-00-00-00-00-00-00-00-00-00-00-00-0		(out of)			
EC401	INFORMATION THEORY & CODING	46 (50)	25.85	78.72	
EC403	MICROWAVE & RADAR ENGINEERING	30 (50)	20.12	75	
EC405	OPTICAL COMMUNICATION	44 (50)	19.4	70.59	
EC407	COMPUTER COMMUNICTAION	40 (50)	27.18	76.92	
EC409	CONTROL SYSTEMS	42 (50)	21.58	75.68	

The general progress of your ward is: Excellent / Good / Average / Poor

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