

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY-THRISSUR 679531

SUBJECT COVERAGE REPORT- November 2021

Branch & Batch		Computer Science & Engineering - B	Semester					V	Year of Admission			2019	
Sl.	Subject Code	Subject Name	Module Wise Report (in %)					Total hours Engaged till date	Number of Hrs as per KTU syllabus	Number of Assignments	Number of class tests (If any)	Number of Tutorial classes (if any)	Number of Remedial classes (if any)
			M1	M2	M3	M4	M5						
1	CST 301	Formal Languages and Automata Theory	80					9	45	-	-	1	-
2	CST 303	Computer Networks	60					7	45				
3	CST 305	System Software	100					12	45	1	1	0	2
4	CST 307	Microprocessor and Microcontrollers	60					7	52				
5	CST309	Management of Software Systems	100							1	1	0	0
6	MCN 301	Disaster Management	15					1		0	0	0	0
7	CSL 331	System Software and Microprocessors Lab	2 Experiments completed										
8	CSL 333	Database Management Systems Lab	2 Experiments completed										

[Signature]
Group Tutors

[Signature]

Dr. JOSE P THERAPIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



[Signature]
HOD

Dr. S. S. S. P. S. S.



Shaiju Paul <paulson@jecc.ac.in>

FIRST internal examinations of B Tech S2,S4,S6 & M Tech S2 : QP Submission

Reg:-

3 messages

Tue, May 24, 2022 at 10:57 PM

IQAC, Jyothi Engineering College <iqac@jecc.ac.in>

To: Teaching Staff <teaching@jecc.ac.in>

Cc: Dr Sunny Joseph Kalayathankal <principal@jecc.ac.in>, "Rev. Dr. Jose Kannampuzha" <frkjose@jecc.ac.in>, "Chief Information Officer (CIO)" <cio@jecc.ac.in>, Internal Exam <internalexam@jecc.ac.in>

Dear all,

The **FIRST** internal examinations of B Tech S2,S4,S6 & M Tech S2 will commence from 6th June 2022

1. Faculty members are requested to prepare **2** sets of question papers as per the template issued by IQAC and should ensure that no single question is repeated. Each question should be mapped with the corresponding CO and BTL.
2. There will be a scrutiny of the question papers submitted.
3. Faculty members are requested to prepare common question paper for common subjects (eg: Constitution of India , Life Skill, Professional Communication etc.. Departments with double batches are also advised to follow the same QP for a single subject. [For a common Course code there should be a unique Question paper]

Faculty members are requested to submit the question papers on or before 30-05-2022

Question Paper Code

Question paper code should be written in the following format.

Eg: - BSHU1X221221F

Dept.	UG/PG	SEM	Class A or B else put X	Date Of Examination	FN/AN
BSH	U	1	X	22-12-21	F/A

Question Paper Naming

Eg: MAT101-Linear Algebra and Calculus-CE-**CSA**-ME-22-12-21-F-Set A

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

Subject Code	Subject Name	Applicable Branches	Date of Examination	FN/AN	QP SET
--------------	--------------	------------------------	---------------------------	-------	--------

MAT 101	Linear Algebra and Calculus	CE, CSA, ME	22-12-21	F	Set A/Set B
---------	-----------------------------	-------------	----------	---	-------------

Kindly Use the below links to submit the Question Papers 📌

Question Paper submission _S2_B Tech [2021 Admissions]

Question Paper Submission _S2_M Tech [2021 Admissions]

Question paper Submission _S4_B Tech [2020 Admissions]

Question Paper Submission _S6_B Tech [2019 Admissions]

Regards

Dr. Anoop.V
Coordinator-IQAC

3 attachments

 QP_Template_PG_2015.docx
19K

 QP_Template_UG_2019_Combined Courses.docx
20K

 QP_Template_UG_2019.docx
19K

shaiju <paulson@jecc.ac.in>
To: "IQAC, Jyothi Engineering College" <iqac@jecc.ac.in>

Mon, May 30, 2022 at 10:25 PM

Sir,

There is no option for selecting the dept. for which the corresponding Question paper is applicable in the S4 QP Upload Form (Screenshot attached !)
We have set a common question paper for S4 CST204: Database Management systems (for CSE and AD branches).



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

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

PART A
(Answer All Questions)

Qn. No	Questions	Marks	CO	BTL
1	Question 1 with subdivisions <M1/M4*>	10		
2	Question 2 with subdivisions <M2/M5*>	10		
3	Question 3 with subdivisions <F.H of M3/S. H of M3*>	10		

PART B
(Answer Any One)

Qn. No	Questions	Marks	CO	BTL
4	Question 4 with subdivisions <M1/M4*>	10		
5	Question 5 with subdivisions <M1/M4*>	10		

PART C
(Answer Any One)

Qn. No	Questions	Marks	CO	BTL
6	Question 5 with subdivisions <M2/M5*>	10		
7	Question 6 with subdivisions <M2/M5*>	10		

All The Best

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

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

CSEU6X090622F

Roll No:.....

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY
SIXTH SEMESTER B.TECH FIRST SESSIONAL EXAMINATION JUNE, 2022

Department of Computer Science & Engineering
CST 362: Programming in Python
(KTU 2019 Scheme)

Time: 90 minutes

Max Marks: 50

Section 1

PART A
(Answer All Questions)

Qn. No	Questions	Marks	C O	BT L
1	Compare tuples, lists, and dictionaries with examples	10	3	3
2	a. Explain the concept of scope and lifetime of variables in Python programming language, with a suitable example. b. Implement stack using list functions	10	1,3	2,3
3	Write a Python code to implement Caesar cipher	10	2	3

PART B
(Answer Any One)

Qn. No	Questions	Marks	C O	BT L
4	Write a Python program to find the value for $\sin(x)$ up to n terms using the series. Define functions to find power and factorial $\sin(x) = \frac{x}{1!} - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} + \dots$ where x is in degrees.	10	2	3

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

5	Illustrate the following Set methods with an example. i. intersection() ii. Union() iii. discard() iv. difference() v. update()	10	3	2
---	---	----	---	---

PART C
(Answer Any One)

Qn. No	Questions	Marks	C O	BTL
6	a. Write a Python code to check whether a given year is a leap year or not	5	2	3
	b. Write python program to print list elements in different ways using loop statements.	5	3	3
7	a. Write a Python code to create a function called list_of_frequency that takes a string and prints the letters in non-increasing order of the frequency of their occurrences. Use dictionaries.	7	3	3
	b. Explain how functions are defined in python with an example	3	1	2

All The Best

Jose P

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

JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY-THRISSUR 679531

VI Semester 1st Internal Examination JUNE 2021

IQAC Scrutiny Report of Submitted Question papers

Department

CSE

Sl	Parameter	Subject Code and Name				
		CST 302	CST 304	CST 306	CST 362	HUT 300
		CD	CG	DAA	Python	IEFT
1	Question paper follows template issued by IQAC					
	a) QP Code, Subject Code, Subject Name	YES	YES	YES	YES	YES
	b) Name of examination, semester, month and year	YES	YES	YES	YES	YES
	c) Total marks and duration of examination	YES	YES	YES	YES	YES
	d) Mark distribution	NO	YES	YES	NO	NO
2	Each question is mapped with corresponding CO's	YES	YES	YES	YES	YES
3	Each question is categorized in to corresponding BTL	NO	YES	NO	YES	YES
4	Duplication of questions in the same question paper	NO	NO	NO	NO	NO
5	Clarity of the questions (Figures, Tables ,Equations etc..)	Good	Good	Fair	Good	Good

Action Taken Report

Sl	Subject Code	Decision on the Submitted Question paper
1	CST302	Need Resubmission
2	CST 304	Accepted
3	CST 306	Need Resubmission
4	CST 362	Accepted with Minor Corrections
5	HUT 300	Accepted
6		

Additional Remarks (if any)



Scrutiny Committee



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



IQAC




HOD

Dr. Sajin P Johny



A.P.J Abdul Kalam Technological University

Center: JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THRISSUR-679531

Academic Audit Report (Internal): Department of Mechatronics

Date: 4/6/22

Key Aspects	Rating	Auditor Remarks	Response
Class/course committee meetings and action taken report (B)	4	—	
Advisory meetings and action taken report (B)	4	—	
Result analysis of previous semester (A)	5	—	
Syllabus coverage as per course plan (A)	4	—	
Platform used for LMS/ Course materials and lectures uploaded (A)	4	—	
Conduct of minor/honours classes (A)	5	—	
NPTEL/SWAYAM course materials recommended, for reading (B)	—	—	
Conduct of Internal assessments for theory and lab classes (A)	5	—	
The mechanisms for taking feedback as to whether the classes are effective (B)	5	—	
Conduct of series tests (A)	5	—	
Maintenance of course diary (A)	4	—	
Register showing Activity points (B)	4	—	
Conduct of laboratory classes with relevant details (A)	5	—	
Online Faculty evaluation and remarks of the HoD (A)	—	—	



Amara

Please make rating on a 5-point scale: Excellent-5, Very Good-4, Good-3, Fair-2, Poor -1



A.P.J. Abdul Kalam Technological University

Center: JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THRISSUR-679531

Academic Audit Report (Internal): Department of MR

Date:

Remarks / Comments by the Auditor

- * HOD's signature is mandatory for all the documents.
- * Need to have proper arrangements.
- * Separate file is required for activity points.

Christy V Varkapilly
Jenson Jose

Name & Signature of Auditors

anas
Principal



Please make rating on a 5-point scale: Excellent-5, Very Good-4, Good-3, Fair-2, Poor -1



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

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, Electrical & 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.

Action Taken Report of the Internal Audit held on 04 June 2022

(A.Y 2021-2022, EVEN-Audit-1)

Department: Mechatronics

Sl.	Findings by the Auditor/ Issues raised in the audit report	Action Taken by the department	Remarks (if any)
1	Advisory /Class/Course committee meeting and action taken report	Files are updated with Action taken report	
2	Syllabus Coverage per course plan	Instructed the faculty members to follow the course plan	Due to university examination, NAAC visits and college activities syllabus were not covered as per the plan
3	Course diary	Given instruction to the faculty to complete the course file	
4	Activity Points	Instructions are given to the tutors to compute the activity points	Certificates from students have been collected

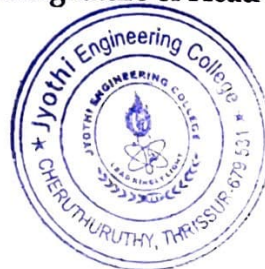
List of Course files Not Submitted

Sl.	Sub Code and Name of Faculty	Status	Remarks

Sunny
DR. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
(Computer Science), Ph.D (Maths)
PRINCIPAL
Engineering College
Cheruthuruthy P.O. - 679 531

Vivek
Dr. VIVEK LUKOSE

Name and Signature of Head of the department





APJ Abdul Kalam Technological University
CET Campus, Thiruvananthapuram
Kerala -695016
India


**Academic Audit Report
2021 - 2022**

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	G R Gnana King
Second Auditor Name	
Visit	First
Semester Type	Even


College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU (A)	Excellent(5)		
Functioning of students grievances and appeal committee (A)	Good(4)	Action Taken report not available	Initiatives are taken to maintain the missing Action Taken Reports
Functioning of Academic Discipline Welfare committee (A)	Excellent(5)		
Average student to faculty ratio (A)	Excellent(5)	SFR= 1.03	
Faculty Retention (A)	Excellent(5)		
Faculty Qualification Index (A)	Good(4)	FQI=5.75	45 of our faculty members are pursuing Ph.D. Few faculty members will complete their Ph.D. this year itself.
Number of qualified technical staff (A)	Excellent(5)	28 Nos of qualified technical staff	


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

Facility of central library with respect to volume and title of books, online print journals (A)	Excellent(5)		
Functioning of IQAC and Progress of IQAC report uploading (A)	Excellent(5)		
Institution Budget (A)	Excellent(5)		
Details of central computing facility (A)	Excellent(5)		
Principals response on previous audit reports (A)	Good(4)		During the previous audit period Principal got transferred and he could not complete the process on time.

Student Interaction


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

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage (B)	Excellent(5)		
Lab Facility and conduct of Labs (B)	Excellent(5)		
Co-curricular facility (B)	Good(4)		Due to COVID pandemic there was a shortage of co-curricular activities in previous years, but this year we have conducted sufficient programmes.
Extra-curricular facility (B)	Good(4)		Due to COVID pandemic there was a shortage of Extra-curricular activities in previous years, but this year we have conducted sufficient programmes.
Transferring all intimation from University in time (B)	Excellent(5)		
Approach of the management in addressing student grievance (B)	Good(4)	No Grievances addressed	No major grievances were reported this year.
Availability of Faculty for all subjects (A)	Excellent(5)		
Any other remarks (C)	Excellent(5)	Students gave positive feedback about faculty members and college	
Extra fees/fine imposed on students (B)	Excellent(5)		

B.Tech

No of B.Tech Students	1449
-----------------------	------

Robotics and Automation-(Full Time)


Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Excellent(5)		

Advisory meetings and action taken report (B)	Not Relevant		Advisory meeting minutes are maintained in department for 2019 admissions onwards.
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Good(4)		College was closed for nearly 3 weeks due to COVID pandemic during this academic year, hence we could conduct only minimum number of tutorial classes in offline mode.
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Good(4)		College was closed for nearly 3 weeks due to COVID pandemic during this academic year, however we have completed 95% of the prescribed experiments.
Evaluation of students performance in practical classes (A):	Excellent(5)		
Facility to do experiments in the lab (A)	Excellent(5)		
Conduct of remedial/minor/honours classes (B)	Excellent(5)		
Maintenance of course diary (A)	Excellent(5)		
Assessment of Outcomes (A)	Excellent(5)		
Faculty evaluation amp remarks of the HoD (A)	Excellent(5)		
Conduct of Seminar, Mini project, Project amp Thesis (A)	Not Relevant		We have started the branch in 2020. So Seminar, Mini project and Projects are not applicable to this branch.

Computing facility in the department (A)	Excellent(5)		
Facility for co-curricular and extracurricular activities (B)	Good(4)		Due to COVID pandemic there was a shortage of Co-curricular and Extra-curricular activities in previous years, but this year we have conducted sufficient programmes.
Students attending MOOC or other online courses (B)	Not Relevant		Students are encouraged to undergo MOOC and online courses.

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report (B)	Good(4)	Action taken report not available	Instructed to maintain Action Taken Report of the meetings in the department.
Advisory meetings and action taken report (B)	Good(4)		Instructed to maintain Action Taken Report of the meetings in the department.
Syllabus coverage as per course plan (B)	Excellent(5)		
Conduct of Tutorial Classes (B)	Excellent(5)		
Evaluation of Answer Scripts (A):	Excellent(5)		
Conduct of practical courses (B)	Fair(3)	Experiment coverage. No adequate proof Available	College was closed due to Covid 19 pandemic for 3 weeks. Hence the department was unable to complete the prescribed lab syllabus. Instructed the department to maintain proper proof for the experiment coverage.


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



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

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, Electrical & 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.



Student Evaluation of Faculty

Class: S2 - CSE(A)

Subject: EST102 - Programming In C	No of Students: 44
Name of Teacher: SHAIJU PAUL	Date: 25 April 2022

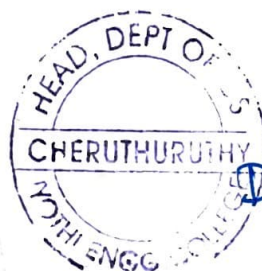
#	Questions	Student Responses			
		Excellent	Good	Fair	Poor
1.	Subject knowledge of the teacher	40	4		
2.	Clarity and understandability of teacher's explanations	29	11	4	
3.	Teacher's willingness to help	35	5	3	1
4.	Approximate % of classes not engaged by the teacher	Less than 10%	10% to 25%	More than 25%	
		42	2		
5.	Whether the teacher dictates notes only	No	Yes		
		39	5		
6.	Teacher's ability to organize lectures	Excellent	Satisfactory	Inadequate	
		33	10	1	
7.	Speed of presentation	Just right	Too fast	Too Slow	
		38	5	1	
8.	Does teacher encourage questioning	Yes	Sometimes	No	
		33	5	6	
9.	Behaviour of the teacher	Pleasant	Indifferent	Unpleasant	
		40	4		
10.	Sincerity of the teacher	Sincere	Not Sincere	Unable to Judge	
		43		1	
11.	Overall teaching effectiveness	Excellent	Good	Fair	Poor
		29	10	4	1
Overall Score: 93.2					

Name & Signature of Faculty

Shaiju Paul

Shaiju Paul

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



Name & Signature of HOD

Dr. Saju R John