



Academic Audit Report
 2015 - 2016

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	AGNISARMAN NAMBOODIRI
Second Auditor Name	
Visit	First
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response
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College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Good(4)		This being done
Functioning of Academic Discipline & Welfare committee	Good(4)	All committees constituted Too early to assess functioning	Regular in this. Trying to improve
Student feedback on co-curricular and extracurricular activities	Good(4)	No data available yet	This being done
Average student to faculty ratio index	Excellent(5)	Index greater than 1	

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

No of B.Tech Students	367
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Number of assignments restricted, in order to avoid overburden of students. Instruction being given to improve
Conduct of Tutorial Classes	Fair(3)		Regular tutorial classes are being conducted
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Fair(3)		Virtual labs are being conducted by almost every one. NPTEL lectures are shown to them. Registered for M.Tutor . Few students completed MOOC courses. Many regular classes are ICT enabled.
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		

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 Cheruvu P.O. - 679 53

Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Number of assignments restricted, in order to avoid overburden of students. Instruction being given to improve
Conduct of Tutorial Classes	Fair(3)		Regular tutorial classes are being conducted
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Fair(3)		Virtual labs are being conducted by almost every one. NPTEL lectures are shown to them. Registered for M.Tutor . Few students completed MOOC courses. Many regular classes are ICT enabled.
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		

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Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Number of assignments restricted, in order to avoid overburden of students. Instruction being given to improve
Conduct of Tutorial Classes	Fair(3)		Regular tutorial classes are being conducted
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Fair(3)		Virtual labs are being conducted by almost every one. NPTEL lectures are shown to them. Registered for M.Tutor . Few students completed MOOC courses. Many regular classes are ICT enabled.
Conduct of Practical classes	Good(4)		

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Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Number of assignments restricted, in order to avoid overburden of students. Instruction being given to improve
Conduct of Tutorial Classes	Good(4)		Regular tutorial classes are being conducted
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Fair(3)		Virtual labs are being conducted by almost every one. NPTEL lectures are shown to them. Registered for M.Tutor . Few students completed MOOC courses. Many regular classes are ICT enabled.

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Dr. SUNIL K. S. M.T.C. (Computer Science), Ph.D. (Computer Science)
PRINCIPAL
 Jyothi Engineering College,
 Cheruthuruthy P.O.- 679 531

Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

M.Tech

No of M.Tech Students	9
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Number of assignments restricted, in order to avoid overburden of students. Instruction being given to improve
Conduct of Tutorial Classes	Fair(3)		Regular tutorial classes are being conducted
Syllabus coverage as per course plan	Good(4)		

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Use of ICT enabled teaching & Digital courses	Fair(3)		Virtual labs are being conducted by almost every one. NPTEL lectures are shown to them. Registered for M.Tutor . Few students completed MOOC courses. Many regular classes are ICT enabled.
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Number of assignments restricted, in order to avoid overburden of students. Instruction being given to improve
Conduct of Tutorial Classes	Fair(3)		Regular tutorial classes are being conducted

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Dr. SUNIL K. J. (Principal)
 Jyotni Engineering College
 Cheruthuruthy P.O.-6

Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Fair(3)		Virtual labs are being conducted by almost every one. NPTEL lectures are shown to them. Registered for M.Tutor . Few students completed MOOC courses. Many regular classes are ICT enabled.
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

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Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



Academic Audit Report
2015 - 2016

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	AGNISARMAN NAMBOODIRI
Second Auditor Name	
Visit	Second
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Not Relevant	No complaints so far.	
Functioning of Academic Discipline & Welfare committee	Not Relevant	No data	Committee are functional. Files are maintained. No actions came up so far
Information on progress of students to their parents	Good(4)		
Student feedback on co-curricular and extracurricular activities	Good(4)		
Average student to faculty ratio index	Excellent(5)		

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Cheruthuruthy P.O. - 679 531

B.Tech

No of B.Tech Students	367
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		

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Dr. S...

Principal
 Dr. S. S. Srinivasan
 M.Tech, MCA, M.Sc, M.Phil, Ph.D.
 (Computer Science)
 Principal
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 501

Cheruthuruthy P.O.

Student feedback on infrastructural facilities	Excellent(5)		
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ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

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COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

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MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		

DR. SUNNY JAYARAJ
 M.Tech. (Mechanical Engineering)
 Ph.D (Computer Science)
 Jyothi Engineering College
 Cheruthuruthy, P.O. 686 531

Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor's Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	True Copy <i>Sunny</i>	
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		

DR. SUNNY JOSEPH KALAYATHANKAL
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Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

M.Tech

No of M.Tech Students	9
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Not Relevant	Not much data to assess	Three class committees are held in the odd semester
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		

Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Not Relevant	No data to assess	Three class committees are held in the odd semester
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		

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Dr. SUNNY JOSEPH KALAYATHANKAL
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Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		

True Verified

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Dr. SUNNY JOSEPH KALAYATHANKAL
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 Cheruthuruthy P.O. - 679 531

Principal
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531



Academic Audit Report
 2015 - 2016




Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	AGNISARMAN NAMBOODIRI
Second Auditor Name	
Visit	Third
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Facility for co-curricular activities of students	Good(4)		
Functioning of students grievances and appeal committee	Not Relevant	No grievance reported	
Functioning of Academic Discipline & Welfare committee	Good(4)	 	
Information on progress of students to their parents	Good(4)		
Student feedback on co-curricular and extracurricular activities	Good(4)	 Dr. SUNNY JOSEPH KALAYATHANKAL M.Tech, MCA, M.Sc, M.Phil, B.Ed Ph.D (Computer Science), Ph.D (Maths) PRINCIPAL Jyothi Engineering College Cheruthuruthy P.O. - 679 531	

Average student to faculty ratio index	Excellent(5)		
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B.Tech

No of B.Tech Students	364
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Instruction given to staff members to maintain good quality and to give more number of assignments.
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		

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Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Three tests were given, best two were used for internal marks	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	<i>amms</i>	
Attendance of students	Good(4)		



Dr. SUNNY JOSEPH KALAYATHANKAL
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Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Fair(3)		Instruction given to HOD to look into the matter
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Two out of three tests taken for internal marks	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		

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 Cheruthuruthy P.O.- 679 531

Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		

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Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Three tests given and best two were taken for internal marks	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		

Dr. SUNNY JOSEPH KALAYATHANKAL
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Quantity & Quality of Assignments/Mini Projects	Fair(3)		Instruction given to staff members to maintain good quality and to give more number of assignments.
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Two out of three tests considered for internal marks	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		



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SUNNY
Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc., M.Phil, B.Ed
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Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Fair(3)		Instruction given to staff members to maintain good quality and to give more number of assignments.
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		



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Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Three tests given; best two considered for internal marks	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

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M.Tech

No of M.Tech Students	8
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)		
Performance of students in Internal exams	Good(4)		


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Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		

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Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)		
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Good(4)		
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Good(4)		
Student feedback on curriculum coverage	Good(4)		

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Page No: 12

Student feedback on infrastructural facilities	Good(4)		
Feedback from stakeholders	Good(4)		

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Academic Audit Report
 2015 - 2016

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	AGNISARMAN NAMBOODIRI
Second Auditor Name	
Visit	Third
Semester Type	Even

General Assessment

Auditor's Comment	Principal's Response

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Facility for co-curricular activities of students	Good(4)		will improve
Functioning of students grievances and appeal committee	Good(4)		
Functioning of Academic Discipline & Welfare committee	Good(4)		all as per norms constituted and functioning
Information on progress of students to their parents	Good(4)		in practice
Student feedback on co-curricular and extracurricular activities	Excellent(5)		

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Average student to faculty ratio index	Excellent(5)		
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B.Tech

No of B.Tech Students	361
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		very punctual
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		

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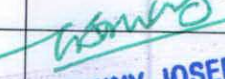
Comments

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Conduct of Re-tests	Good(4)	Two tests and one model exam are conducted	model exam only for familiarise with pattern
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Award of internal evaluation marks	Not Relevant	Internal marks not finalized yet	last date is 10th. CC meeting on 3rd
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Not Relevant	Too early to assess	active
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		


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Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Two tests conducted. Model exam is planned	for familiarisation only
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Not Relevant	Not finalized	last date 10th. CC meeting on 3rd
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		

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Entrepreneurship Development Activities	Not Relevant	Too early to assess	active
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		Instruction given to improve
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		Instruction given to improve
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		

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Conduct of Re-tests	Good(4)	Two tests conducted . Instead of retests, a model exam is planned	only to familiarise with pattern
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Not Relevant	Not finalized yet.	Course committee meeting on 3rd. date for publishing is 10th
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Not Relevant	Too early to assess	Active
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		as per norms functioning
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		


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Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Good(4)	Two tests conducted. Model exam is planned	for familiarisation only
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Not Relevant	Not finalised	
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		

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Entrepreneurship Development Activities	Not Relevant	Too early to assess	active
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		

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Conduct of Re-tests	Good(4)	Two tests conducted and a model exam is planned	Only to get familiarise with pattern
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Not Relevant	Not finalised	last date is 10th. CC meeting on 3rd
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Not Relevant	Too early to assess	very active
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

M.Tech

No of M.Tech Students	8
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		


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Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Not Relevant	Two tests and model exam	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Not Relevant	Not finalized	
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		

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Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Not Relevant	Could not assess	
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Learning materials and software available for student learning and their use	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		

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Evaluation of students performance in practical classes	Good(4)		
Conduct of Re-tests	Not Relevant	Model exam planned instead of retests	
Performance of students in Internal exams	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Award of internal evaluation marks	Not Relevant	Not finalized	
Faculty evaluation by students	Good(4)		
Conduct of expert talks, industry interaction etc. For students	Good(4)		
Facility for extracurricular activities of students	Good(4)		
Placement Activities	Good(4)		
Entrepreneurship Development Activities	Not Relevant	Could not assess	
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Excellent(5)		
Feedback from stakeholders	Good(4)		

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**Academic Audit Report
 2016 - 2017**

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	R SAHADEVAN
Second Auditor Name	
Visit	First
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)	Classes started on 1/8/16. Internal tests are conducted as per course calendar. 1st 3rd sem academic course calendar verified. Done as per KTU calendar	
Functioning of students grievances and appeal committee	Good(4)	Minutes of the meeting verified but no incident of grievance is noted	True Copy Attested
Functioning of Academic Discipline & Welfare committee	Excellent(5)	Updated Minutes maintained.	
Student feedback on co-curricular and extracurricular activities	Good(4)	students suggested to have more sports activities	Annual sports planned during semester breaks

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Average student to faculty ratio index	Excellent(5)	average index is 2.13	
Progress of Monthly report uploading	Excellent(5)	Report is prepared every month and submitted	
Principal's response ON previous audit reports	Excellent(5)	Discussed with principal IAC coordinator and IAC members.Monthly report submitted regularly	

B.Tech

No of B.Tech Students	865
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CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions effectively.Verified minutes	
Schedule of Time Table	Excellent(5)	Theory classes 55minutes duration.Practicals .Regular class hours are not allotted in regular time table3 Hrs duration.	
Attendance of students	Excellent(5)	Verified course diary.Software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	sample questions and assignment verified.	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducted.Needs improvement	Instruction given to HODs top monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Excellent(5)	Verified course diary	
Use of ICT enabled teaching & Digital courses	Excellent(5)	LCD projectors are used.NPTEL course materials are used	
Conduct of Practical classes	Excellent(5)	Course diary and log book are verified.Practicals are conducted as per syllabus	

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Syllabus coverage of practical courses	Excellent(5)	As per KTU syllabus	
Evaluation of students performance in practical classes	Good(4)	Course diary verified	
Conduct of remedial/bridge classes	Excellent(5)	Register for remedial classes verified	
Maintenance of course diary	Excellent(5)	Course diary maintained upto date	
Student feedback on curriculum coverage	Excellent(5)	Interacted with students.	
Student feedback on infrastructural facilities	Excellent(5)	Opinion of students during interaction	

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions effectively.Verified minutes	
Schedule of Time Table	Excellent(5)	Theory classes 55minutes duration.Practicals .Regular class hours are not allotted in regular time table3 Hrs duration.	
Attendance of students	Excellent(5)	Verified course diary.Software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	sample questions and assignment verified.	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducted.Needs improvement	Instructed HODs to monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Excellent(5)	verified with course diary	True Copy Attested
Use of ICT enabled teaching & Digital courses	Good(4)	LCD projectors are used.NPTEL course materials are used	<i>Joseph</i>
Conduct of Practical classes	Excellent(5)	Work record and assignment verified	

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Syllabus coverage of practical courses	Excellent(5)	As per KTU syllabus	
Evaluation of students performance in practical classes	Excellent(5)	Course diary ,sample answer books and question papers verified	
Conduct of remedial/bridge classes	Good(4)	Register verified. Improvement suggested	
Maintenance of course diary	Excellent(5)	Well maintained	
Student feedback on curriculum coverage	Excellent(5)	Interacted with students	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students	

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions	
Schedule of Time Table	Excellent(5)	Theory classes 55minutes duration.Practica	
Attendance of students	Excellent(5)	Verified course diary.Software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	sample questions and assignment	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducted.Nee	Instructed HODs to monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Excellent(5)	Verified course diary	
Use of ICT enabled teaching & Digital courses	Good(4)	LCD projectors are used.NPTEL teaching materials are used,documentation required	True Copy Attested
Conduct of Practical classes	Excellent(5)	course diary and log book verified	
Syllabus coverage of practical courses	Excellent(5)	Syllabus covered	

Evaluation of students performance in practical classes	Excellent(5)	Sample question papers and answer book verified	
Conduct of remedial/bridge classes	Good(4)	Improvement recommended	
Maintenance of course diary	Excellent(5)	well maintained	
Student feedback on curriculum coverage	Excellent(5)	Assessed on the basis of Interaction with students students	
Student feedback on infrastructural facilities	Excellent(5)	Assessed on the basis of Interaction with students students	

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions effectively.Verified minutes	
Schedule of Time Table	Excellent(5)	Theory classes 55minutes duration.Practicals .Regular class hours are not allotted in regular time table3 Hrs duration.	
Attendance of students	Excellent(5)	Verified course diary.Software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	sample questions and assignment verified.	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducted.Needs improvement	Instructed HODs to monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Excellent(5)	Course diary verified	
Use of ICT enabled teaching & Digital courses	Good(4)	LCD projectors are used.NPTEL course materials are used	
Conduct of Practical classes	Excellent(5)	Course file ,log book , assignments verified	

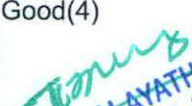
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Syllabus coverage of practical courses	Excellent(5)	Completed as per KTU syllabus	
Evaluation of students performance in practical classes	Excellent(5)	Sample answer sheets ,question papers verified.	
Conduct of remedial/bridge classes	Good(4)	Register verified.	
Maintenance of course diary	Excellent(5)	Well maintained	
Student feedback on curriculum coverage	Excellent(5)	Interacted with students	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students	

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions effectively. Verified minutes.	
Schedule of Time Table	Excellent(5)	Theory classes 55minutes duration.Practicals .Regular class hours are not allotted in regular time table3 Hrs duration.	
Attendance of students	Excellent(5)	Verified course diary.Software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	sample questions and assignment verified.	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Tutorial classes are conducted.Needs improvement	Instructed HODs to monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Excellent(5)	Course diary verified	
Use of ICT enabled teaching & Digital courses	Good(4)	LCD projectors are used.NPTEL course materials are used	
Conduct of Practical classes	Excellent(5)	Work book ,assignments verified	


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Syllabus coverage of practical courses	Excellent(5)	Covered as per KTU	
Evaluation of students performance in practical classes	Excellent(5)	Sample answer book and sample questions verified	
Conduct of remedial/bridge classes	Good(4)	Conducted, but improvement suggested	
Maintenance of course diary	Excellent(5)	well maintained	
Student feedback on curriculum coverage	Excellent(5)	Interacted with students	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students	

M.Tech

No of M.Tech Students	35
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions effectively.Verified minutes	
Schedule of Time Table	Excellent(5)	Time table verified.Theory classes 55 mts	
Attendance of students	Good(4)	Attendance verified	
Quantity & Quality of Assignments/Mini Projects	Fair(3)	Course diary verified.Sample assignment verified	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Records may be updated	Instructed HODs to monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Good(4)	course diary verified	
Use of ICT enabled teaching & Digital courses	Good(4)	More ICT programmes suggested	Instructions given for compliance
Conduct of Practical classes	Good(4)	Improvement suggested	

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Syllabus coverage of practical courses	Excellent(5)	Course diary verified	
Evaluation of students performance in practical classes	Excellent(5)	Sample question papers and answer sheet verified	
Conduct of remedial/bridge classes	Good(4)	Improvement suggested	
Maintenance of course diary	Excellent(5)	Well maintained	
Student feedback on curriculum coverage	Excellent(5)	Assessed after interaction with students	
Student feedback on infrastructural facilities	Excellent(5)	Assessed after interaction with students	

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Class committee functions effectively.Verified minutes	
Schedule of Time Table	Excellent(5)	Time table verified.Theory classes 55 mts	
Attendance of students	Excellent(5)	Verified.software used.	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Course diary verified.Sample assignment verified	Instructions given to improve
Conduct of Tutorial Classes	Good(4)	Improvement suggested	Instructed HODs to monitor proper conduct of tutorial classes
Syllabus coverage as per course plan	Good(4)	Course diary verified	
Use of ICT enabled teaching & Digital courses	Good(4)	More ICT programmes suggested	Instructions given for compliance
Conduct of Practical classes	Excellent(5)	Logbook ,students work book verified	
Syllabus coverage of practical courses	Excellent(5)	Work record verified	

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Evaluation of students performance in practical classes	Good(4)	Seminar papers verified	
Conduct of remedial/bridge classes	Good(4)	Improvement suggested	
Maintenance of course diary	Excellent(5)	Well maintained	
Student feedback on curriculum coverage	Excellent(5)	Assessed after interaction with students	
Student feedback on infrastructural facilities	Excellent(5)	Assessed after interaction with students	

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Academic Audit Report
2016 - 2017

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	R SAHADEVAN
Second Auditor Name	
Visit	First
Semester Type	Even

General Assessment

Auditor's Comment	Principal's Response

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)	College academic calender is as per KTU calender	
Functioning of students grievances and appeal committee	Excellent(5)	minutes maintained, but no case of grievance is recorded	No grievance reported
Functioning of Academic Discipline & Welfare committee	Excellent(5)	file verified ,no incidence of violence discipline found	

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Student feedback on co-curricular and extracurricular activities	Good(4)	Interacted with students.They are satisfied with the present extra curricular activities ,how ever they suggested that facilities should be provided for physical training for students of higher semesters.Students may be permitted for Industrial visits.Improved facilities may be provided in the sick room.	Arrangements made for PT from 4.30 to 6.00 and a college bus facility is made at 6.00 pm. Industrial visits is permitted during vacation after end semester examinations. Seperate sick romms are availabel for girls & boys. Will took into it
Average student to faculty ratio index	Excellent(5)	More than 1	
Progress of Monthly report uploading	Excellent(5)	Latest report uploaded	
Principal's response ON previous audit reports	Excellent(5)	Actions have been taken for the remarks given in the previous external audit.However follow up actions may be taken for better implementation.	

B.Tech

No of B.Tech Students	859
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CIVIL ENGINEERING-(Full Time)

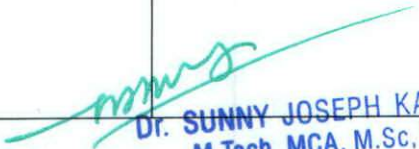
Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Two committee has been convened on 6th Feb and 9th Marcjh..It is suggested that the format of the minutes may be modified so that action to be taken by whom and the time of completion etc	Directions given to modify the format and to prepare ATR
Schedule of Time Table	Excellent(5)	As per KTU specification	

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Attendance of students	Excellent(5)	Course diary of all subjects have been verified. Internal software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Course file of all subjects have been verified in the presence of concerned teachers. Modification required for improving the quality of assignment is discussed.	Personal attention will be made to improve. Also directions given to follow the remarks given during discussion with Academic Auditor
Conduct of Tutorial Classes	Good(4)	1 hr per week is allotted for tutorial class. The class is divided in 2 batches	
Syllabus coverage as per course plan	Excellent(5)	Course diaries of all subjects are verified. and modification if required are suggested.	Directions given to follow the suggestions given.
Use of ICT enabled teaching & Digital courses	Good(4)	More webinars and technical talk by experts from industry is suggested. Documentation of such events are required.	Will consider this
Conduct of Practical classes	Excellent(5)	Civil labs are visited.. Students per batch varies from 4 to 5	
Syllabus coverage of practical courses	Excellent(5)	Work record of students verified. In material testing lab 8 experiments out of 10 are completed.	
Evaluation of students performance in practical classes	Excellent(5)	Work book and sample answer sheets are verified	
Conduct of remedial/bridge classes	Good(4)	No remedial classes are conducted	Arrangements are being made for conducting of remedial classes for failed students in test I and test II
Maintenance of course diary	Good(4)	Course diary of all subjects are verified in the presence of concerned teachers.. Modification necessary are pointed out	Directions given to staff to incorporate modifications suggested by the academic auditor


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Student feedback on curriculum coverage	Good(4)	Interacted with students.They are satisfied with present system.They are of opinion that PT should be given to higher semester students also	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)


Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Two committee has been convened on 6th Feb and 9th	Directions given to modify the format and to prepare ATR
Schedule of Time Table	Excellent(5)	s per KTU specification	
Attendance of students	Excellent(5)	Course diary of all subjects have been verified.Internal software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	course file of all subjects have been verified in the presence of concerned teachers.Modification required for improving the quality of assignment is discussed.	Personal attention will be made to improve. Also directions given to follow the remarks given during discussion with Academic Auditor
Conduct of Tutorial Classes	Excellent(5)	1 hr per week is allotted for tutorial class.The class is divided in 2 batches	
Syllabus coverage as per course plan	Excellent(5)	Course diaries of all subjects are verified.and modification if required are suggested.	Directions given to follow the suggestions given.
Use of ICT enabled teaching & Digital courses	Good(4)	Industrial visits are suggested by students..Seminars and expert talks on various topics are suggested	Will consider this

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Conduct of Practical classes	Excellent(5)	Course file and work book verified.Batch strength is 4	
Syllabus coverage of practical courses	Excellent(5)	8 experiments out of 12 completed.Work book verified	
Evaluation of students performance in practical classes	Excellent(5)	Work book and sample answer book vereified	
Conduct of remedial/bridge classes	Good(4)	No remedial classes are conducted	Arrangements are being made for conducting of remedial classes for failed students in test I and test II
Maintenance of course diary	Good(4)	Course diary of all subjects are verified in the presence of concerned teachers..Modification necessary are pointed out	Directions given to staff to incorporate modifications suggested by the academic auditor
Student feedback on curriculum coverage	Good(4)	Interacted with students.They are satisfied with present system.They arr of openion that PT should be given to higher semester students also	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Two committee has been convened on 6th Feb and 9th	Directions given to modify the format and to prepare True Copy Attached
Schedule of Time Table	Excellent(5)	s per KTU specification	
Attendance of students	Excellent(5)	Course diary of all subjects have been verified.Internal software is used	

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Quantity & Quality of Assignments/Mini Projects	Good(4)	course file of all subjects have been verified in the presence of concerned teachers.Modification required for improving the quality of assignment is discussed.	Personal attention will be made to improve. Also directions given to follow the remarks given during discussion with Academic Auditor
Conduct of Tutorial Classes	Good(4)	1 hr per week is allotted for tutorial class.The class is divided in 2 batches	
Syllabus coverage as per course plan	Excellent(5)	Course diaries of all subjects are verified.and modification if required are suggested.	Directions given to follow the suggestions given.
Use of ICT enabled teaching & Digital courses	Good(4)	More webinars and technical talk by experts from industry is suggested.Documentation of such events are required.	Will consider this
Conduct of Practical classes	Excellent(5)	verified work book.	
Syllabus coverage of practical courses	Excellent(5)	Verified course diary and discussed with concerned staff	
Evaluation of students performance in practical classes	Excellent(5)	Verified course work book	
Conduct of remedial/bridge classes	Good(4)	No remedial classes are conducted	Arrangements are being made for conducting of remedial classes for failed students in test I and test II
Maintenance of course diary	Good(4)	Course diary of all subjects are verified in the presence of concerned teachers..Modification necessary are pointed out	Directions given to staff to incorporate modifications suggested by the academic auditor
Student feedback on curriculum coverage	Excellent(5)	Interacted with students.They are satisfied with present system.They arr of opinion that PT should be given to higher semester students also	

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Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	
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MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Two committee has been convened on 6th Feb and 9th	Directions given to modify the format and to prepare ATR
Schedule of Time Table	Excellent(5)	s per KTU specification	
Attendance of students	Excellent(5)	Course diary of all subjects have been verified.Internal software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	course file of all subjects have been verified in the presence of concerned teachers.Modification required for improving the quality of assignment is discussed.	Personal attention will be made to improve. Also directions given to follow the remarks given during discussion with Academic Auditor
Conduct of Tutorial Classes	Good(4)	1 hr per week is allotted for tutorial class.The class is divided in 2 batches	
Syllabus coverage as per course plan	Excellent(5)	Course diaries of all subjects are verified.and modification if required are suggested.	Directions given to follow the suggestions given.
Use of ICT enabled teaching & Digital courses	Good(4)	More webinars and technical talk by experts from industry is suggested.Documentation of such events are required.	Will consider this
Conduct of Practical classes	Excellent(5)	Course file and work book verified	True Copy Attested
Syllabus coverage of practical courses	Excellent(5)	work record verified	<i>[Signature]</i>

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Evaluation of students performance in practical classes	Excellent(5)	Work book and sample answer book verified	
Conduct of remedial/bridge classes	Good(4)	No remedial classes are conducted	Arrangements are being made for conducting of remedial classes for failed students in test I and test II
Maintenance of course diary	Good(4)	Course diary of all subjects are verified in the presence of concerned teachers..Modification necessary are pointed out	Directions given to staff to incorporate modifications suggested by the academic auditor
Student feedback on curriculum coverage	Good(4)	Interacted with students.They are satisfied with present system.They arr of openion that PT should be given to higher semester students also	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Two committee has been convened on 6th Feb and 9th	Directions given to modify the format and to prepare ATR
Schedule of Time Table	Excellent(5)	s per KTU specification	
Attendance of students	Excellent(5)	Course diary of all subjects have been verified.Internal software is used	
Quantity & Quality of Assignments/Mini Projects	Good(4)	course file of all subjects have been verified in the presence of concerned teachers.Modification required for improving the quality of assignment is discussed.	Personal attention will be made to improve. Also directions given to follow the remarks given during discussion with Academic Auditor

Conduct of Tutorial Classes	Excellent(5)	1 hr per week is allotted for tutorial class.The class is divided in 2 batches	
Syllabus coverage as per course plan	Excellent(5)	Course diaries of all subjects are verified.and modification if required are suggested.	Directions given to follow the suggestions given.
Use of ICT enabled teaching & Digital courses	Good(4)	More webinars and technical talk by experts from industry is suggested.Documentation of such events are required.	Will consider this
Conduct of Practical classes	Excellent(5)	Course file and work book verified	
Syllabus coverage of practical courses	Excellent(5)	11 out of 12 experiments completed for S4	
Evaluation of students performance in practical classes	Excellent(5)	Work book and sample answers verified	
Conduct of remedial/bridge classes	Good(4)	No remedial classes are conducted	Arrangements are being made for conducting of remedial classes for failed students in test I and test II
Maintenance of course diary	Good(4)	Course diary of all subjects are verified in the presence of concerned teachers..Modification necessary are pointed out	Directions given to staff to incorporate modifications suggested by the academic auditor
Student feedback on curriculum coverage	Good(4)	Interacted with students.They are satisfied with present system.They arr of openion that PT should be given to higher semester students also	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	

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M.Tech

No of M.Tech Students	33
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Minutes of the committee meeting need to be reformed	
Schedule of Time Table	Excellent(5)	As per KTU stipulation	
Attendance of students	Excellent(5)	Internal software used	
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)	no record for conduct of tutorial lass	
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)	More webinars and technical talk by experts from industry is suggested.Documentation of such events are required	
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		

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Student feedback on curriculum coverage	Good(4)	Interacted with students.They are satisfied with present system.They are of opinion that PT should be given to higher semester students also	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)	More webinars and technical talk by experts from industry is suggested.Documentation of such events are required	
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		

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Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)	Interacted with students.They are satisfied with present system.They arr of openion that PT should be given to higher semester students also	
Student feedback on infrastructural facilities	Excellent(5)	Interacted with students.They are satisfied with present infrastructure..However they want improvement in sick room	

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Academic Audit Report
2016 - 2017

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	R SAHADEVAN
Second Auditor Name	
Visit	Second
Semester Type	Even

General Assessment

Auditor's Comment	Principal's Response
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College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)	Records of S2 and S4 semesters were scrutinized in the presence of concerned class coordinators Verified course diary internal exam etc with academic calendar and found tallying.HODs were consulted wherever necessary	

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Functioning of students grievances and appeal committee	Good(4)	Minutes verified..No students grievances recorded.Course committee and class committee minutes are verified.A common format is suggested..writing of minutes should be in detail.	Steps will be taken to formulate a common template
Functioning of Academic Discipline & Welfare committee	Excellent(5)	Log book verified.But no instances recorded	
Information on progress of students to their parents	Good(4)	Parents remarks are not recorded..It will be useful for corrective action.	Instructions given to record parents remarks in the students record
Student feedback on co-curricular and extracurricular activities	Good(4)	Students are of the opinion to give more sports activities to senior students.Actions have already been taken,some more action is suggested	Will be taken up appropriately
Average student to faculty ratio index	Excellent(5)	more than1	
Progress of Monthly report uploading	Excellent(5)	done regularly.Previous month's report is uploaded	
Principal's response ON previous audit reports	Excellent(5)	Suggestions in the previous audit report are implemented	

B.Tech

No of B.Tech Students	859
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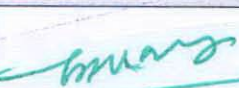
CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	3 committee meetings conducted.Log book verified.	

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Attendance of students	Excellent(5)	Consolidated attendance uploaded.as per course calendar.Suggestions for improvement noted by staff	
Quantity & Quality of Assignments/Mini Projects	Good(4)		Instructions give to improve
Conduct of Tutorial Classes	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		Will see to it
Quality, coverage etc. of question papers of internal exam	Excellent(5)		
Evaluation of internal exams	Excellent(5)	As per KTU stipulation	
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)	Improvement recommended	Instructions give to improve
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	course committee meeting log book should have a common format.	

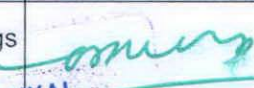
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Dr. SUNNY JOSE, K.A. Kalathur
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Hons)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Attendance of students	Excellent(5)	consolidated attendance uploaded as per calendar	
Quantity & Quality of Assignments/Mini Projects	Good(4)	Improvement recommended	Instructions give to improve
Conduct of Tutorial Classes	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		will see to it
Quality, coverage etc. of question papers of internal exam	Excellent(5)		
Evaluation of internal exams	Excellent(5)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)	Discussed with the teachers. Some more improvement suggested	Instructions give to improve
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

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Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	3 class committee meetings conducted.	

Dr. SUNNY JOSEPH KALAYATHANKAL
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Ph.D (Computer Science), Ph.D (Maths)
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Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Attendance of students	Excellent(5)	Consolidated attendance to be uploaded but will do as per calendar	
Quantity & Quality of Assignments/Mini Projects	Good(4)		Instructions give to improve
Conduct of Tutorial Classes	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		Will see to it
Quality, coverage etc. of question papers of internal exam	Good(4)		Instructions give to improve
Evaluation of internal exams	Excellent(5)	Internal marks consolidated.and will upload on time	
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		Will see to it
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

MECHANICAL ENGINEERING-(Full Time)


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Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	two class committee meetings. Log book should have a common format..	 Dr. SUNNY JOSEPH KALAYATHANKAL M.Tech. MCA, M.Sc. M Phil, B.Ed Ph.D (Computer Science), Ph.D (Maths) PRINCIPAL Jyothi Engineering College Cheruthuruthy P.O.- 679 531

Attendance of students	Excellent(5)	Consolidated attendance uploaded as per calender	
Quantity & Quality of Assignments/Mini Projects	Good(4)		Instructions give to improve
Conduct of Tutorial Classes	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		Will see to it
Quality, coverage etc. of question papers of internal exam	Good(4)		Instructions give to improve
Evaluation of internal exams	Excellent(5)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		Will see to it
Maintenance of course diary	Good(4)	Improvement as suggested to teachers may be implemented	
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

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ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	2 Class committee meetings conducted.Minutes must be recorded	 Dr. SUNNY JOSEPH KALAYATHANKAL M.Tech, MCA, M.Sc, M.Phil, B.Ed Ph.D (Computer Science), Ph.D (Maths) PRINCIPAL Jyothi Engineering College Cheruthuruthy P.O.- 679 531

Attendance of students	Excellent(5)	Consolidated attendance uploaded	
Quantity & Quality of Assignments/Mini Projects	Good(4)		Instructions give to improve
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		Will see to it
Quality, coverage etc. of question papers of internal exam	Good(4)		Instructions give to improve
Evaluation of internal exams	Excellent(5)	Consolidated mark list uploaded	
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Excellent(5)		
Maintenance of course diary	Good(4)	Improvement suggested	Instructions give to improve
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

M.Tech

No of M.Tech Students	33
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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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Sunny

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

Functioning of class/course committees	Good(4)	Class committee two nos.Minutes may be a recorded in detail	
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Excellent(5)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

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Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	3 class committee meetings	
Attendance of students	Excellent(5)		

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

Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Excellent(5)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

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



**Academic Audit Report
 2017 - 2018**

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	P V Abdul Hameed
Second Auditor Name	
Visit	First
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response
Conducted the Academic Audit for odd semesters (both B. Tech&M.Tech) effectively in 2 days consecutively on 27/09/2017 and 28/09/2017 and grading has been awarded accordingly. Advised to make improvements in the second Audit for Odd semesters.	Improvements will be made as per the remarks for key aspects

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)	All dates of academic activities are in conformation with A/C calender of KTU	
Functioning of students grievances and appeal committee	Good(4)	systematic and exact procedure of furnishing Minutes Books has been conveyed to IIAC COORDINATOR and members of staff	This will be complied with

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Dr. SUNNY JOSEPH KAI AYATHANKAL
 M.Tech, MCA, M.Sc., M.Phil., B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-679 551

Functioning of Academic Discipline & Welfare committee	Good(4)	Minutes of all committee meetings must be circulated among all members including those those members who were absent in the meeting and signatures must be obtained from all concerned including absentees. ..Compliance reports have to be gathered inthe Minutes BOOKS FROM RESPNSIBLE PERSONS in accordance with the decisiiof the previous meeting and have to be discussed at the nextt meeting..All these procedures have to be noted in the Minutes Books.	This will be considered
Student feedback on co-curricular and extracurricular activities	Good(4)	Students are of the opinion that SPORTS activities have tobe enhanced.	Sufficient facilities are provided after class hours
Average student to faculty ratio index	Fair(3)	Ratio : 0.82 This has to be improved.	This observation seen to be wrong. We have enough faculty as per norms
Progress of Monthly report uploading	Good(4)	Principal and concernedmembers of faculty expressed their readiness to exert corrective measures before the next AUDIT on the deviations and derelictions being noted dduring the Audit.	Monthly Reports are being uploaded in time without delay
Principal's response ON previous audit reports	Excellent(5)		

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science & Maths)

Jyothi
Chem.

B.Tech

No of B.Tech Students	1296
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MECHATRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	GENUINE feedbacks from the students have to be noted in the Minutes Books of IClass Committies for taking corrective measures at the Dept./College level.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Fair(3)	Instructed to correct the deviations as well as defects and make improvements before the next Audit.	This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order

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SUNNY
DR. SUNNY
 M.Tech. in ...
 Ph.D (Computer Science) P.H.D. (Maths)
PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.- 679 531

Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Good(4)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)	Feedbacks from the students have to be noted and corrected..	

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Genuine FEEDBACK from the students have to be noted in the Minutes books of Class committees for taking corrective measures at DEPT./ College level.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Fair(3)	Instructed to correct deviations as well as defects and make improvements before the next Audit..	This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order

Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Good(4)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	GENUINE FEEDBACKS from the students have to be noted in the Minutes Books of Class Committees for taking corrective measures at the Dept./ College level.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Fair(3)	INSTRUCTED to correct the deviations as well as defects and make improvements before the next Audit	This is practiced MOOC Course / NPTEL are common in this institution

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Dr. Srinivas JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, Ph.D
 Ph.D (Computer Science) Ph.D (Health)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.- 679 531

Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Good(4)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Genuine feedback from the students have to be noted in the Minutes Books of Class committees for taking corrective measures at the Dept,/ college level.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		

Sunny
Dr. SUNNY JOSEPH KALAYA
 M.Tech in ... M.Phil. B.Ed
 Ph.D (Comp ... D (Maths)

Use of ICT enabled teaching & Digital courses	Fair(3)	instructed to correct the deviations as well as defects and improvements before the next Audit.	This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Good(4)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Genuine feedbacks from the students have to be noted in the Minutes Books of Class Committees for taking corrective measures at the Dept. / College level.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi-Engineering College
Cheruthuruthy P.O. 579 531

Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Fair(3)	Instructed to correct the deviations as well as defects and make improvements before the next Audit.	This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Good(4)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	Genuine feedbacks from the students have to be noted in the Minutes books of Class Committee for corrective measures at the Dept. /college level.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		

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Dr. S. JOSEPH KALAYATHANKAL
M.Tech MCAOM.Sc M.Phil B.Ed
Ph.D (Computer Science)

PRINCIPAL
Jyothi Engineering
Cheruthur

Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Fair(3)	Instructed to correct the deviations as well as defects and making improvements before the next Audit.	This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Good(4)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)		

M.Tech

No of M.Tech Students	73
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CIVIL ENGINEERING(TRANSPORTATION ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	.Interacted with all members of faculty in charge of Class Committees. Advised to exert improvements on certain imperfections noticed before the next audit.	This is being done True Copy Attested <i>[Signature]</i>
Schedule of Time Table	Excellent(5)		

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

Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Excellent(5)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)	Genuine feedbacks from the students have to be noted in the MuinutesBof Class Committeesfor taking corrective measures.	

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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Interacted with all members of faculty in charge..Asked to exert improvements on certain imperfections noticed before the next audit.	This is being done

Dr. SUNNY JOSEPH KALAYATHIL
M.Tech. NLR
Ph.D (Computer Science)

Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Excellent(5)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)	Genuine feedbacks from the students have to be noted in the Minutes Books of Class committees for taking corrective actions	

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ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Interacted with all members of faculty in charge.	This is being done
Schedule of Time Table	Excellent(5)		

Dr. SUNNY J. KATHANKAL
M.Tech. (MCA) - W
Ph.D (Computer Science) Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Excellent(5)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)	Genuine feedbacks from tstudents have to be gathered and corrected.	
Student feedback on infrastructural facilities	Excellent(5)		

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ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Excellent(5)	Interacted wth all members of faculty in charge.	This is being done
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		Attendance of students is being taken hourly basis and are published as per calendar

Dr. SUNNY JOSEPH KAI AYATHANKAL
M.Tech. MCA M.Sc.
Ph.D (Computer Science)

Jyothi
Cheruvu

Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		This is practiced MOOC Course / NPTEL are common in this institution
Conduct of Practical classes	Good(4)		This is done in perfect order
Syllabus coverage of practical courses	Good(4)		This is done in perfect order
Evaluation of students performance in practical classes	Good(4)		This is done in perfect order
Conduct of remedial/bridge classes	Good(4)		This is done in perfect order
Maintenance of course diary	Excellent(5)		This is done in perfect order
Student feedback on curriculum coverage	Excellent(5)		
Student feedback on infrastructural facilities	Excellent(5)	Genuine feedbacks from the students have to be gathered and corrected.	

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



Academic Audit Report
2017 - 2018

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	K T Joseph
Second Auditor Name	
Visit	First
Semester Type	Even

General Assessment

Auditor's Comment	Principal's Response
The first academic audit of even semester 17-18 conducted on 3-3-18. Overall rating is very good. Advised to improve the rating to Excellent.	Key aspects will be dealt with in order to improve the rating

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Good(4)		
Functioning of Academic Discipline & Welfare committee	Good(4)		
Student feedback on co-curricular and extracurricular activities	Good(4)		

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Signature

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

Average student to faculty ratio index	Fair(3)	S/F ratio index 0.85	This observation seen to be wrong. We have enough faculty as per norms
Progress of Monthly report uploading	Good(4)		
Principal's response ON previous audit reports	Excellent(5)		

B.Tech

No of B.Tech Students	1300
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MECHATRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		

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Review
 Dr. SUNNY JOSEPH KALAYAL
 M.Tech
 Ph.D (Co-Ed)
 M.Phil. B.Tech (Matis)

Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

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

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Excellent(5)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

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COMPUTER SCIENCE & ENGINEERING-(Full Time)

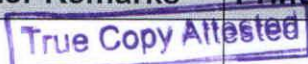
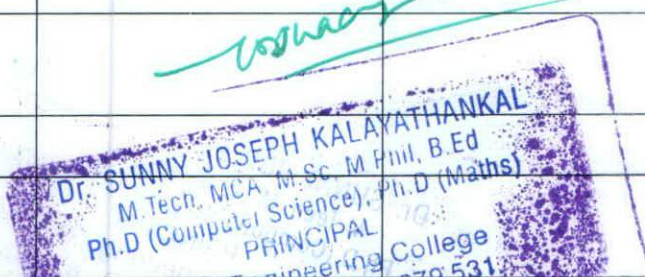
Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		

Amma

SUNNY JOSEPH KAI AYATHANKAL
 Ph.D (Computer Science), P.O. in
 Cheruthiur, P.O. ...

Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
			

Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		

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Dr. SUNNY JOSEPH KALAYALL
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Cheruthuruthy P.O. - 679 531

Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

M.Tech

No of M.Tech Students	74
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CIVIL ENGINEERING(TRANSPORTATION ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Excellent(5)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		

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Dr. SUNNY JOSEPH KALAYATHANKAL
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PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		

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Sunny
DR. SUNNY JOSEPH KALAYATHANKAL
 B.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruvu, Kottayam

Student feedback on infrastructural facilities	Good(4)		
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ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

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ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
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 Jyothi Engineering College
 Cheruthuruthy P.O.- 679 531

Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		

Sunny
Dr. SUNNY JOSEPH KAL AYATHAN
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PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



Academic Audit Report
 2017 - 2018

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	K T Joseph
Second Auditor Name	
Visit	Second
Semester Type	Even

General Assessment

Auditor's Comment	Principal's Response
overall rating is very good. proper corrective action to be taken based on students feedback to improve teaching effectiveness.	

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Good(4)		True Copy Attested
Functioning of Academic Discipline & Welfare committee	Good(4)		
Information on progress of students to their parents	Good(4)		

asmy
 DR. SUNNY JOSEPH KALAYATHANKAL
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 Cheruthuruthy PO:- 679 531

Student feedback on co-curricular and extracurricular activities	Good(4)		
Average student to faculty ratio index	Fair(3)		
Progress of Monthly report uploading	Poor(2)		
Principal's response ON previous audit reports	Excellent(5)		

B.Tech

No of B.Tech Students	1300
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MECHATRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		

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SUNNY
Dr. SUNNY JOSEPH KALAYATHANKAL
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 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.- 679 531

Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Very Poor(1)		We have initiated remedial and summer classes in order to improve the result

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		

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Dr. SUNNY JOSEPH KALAYATHANKAL
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Ph.D (Computer Science), Ph D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)		Due attention has already been taken to improve the result

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		

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amr

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

Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)		Necessary steps have already been initiated to improve the result

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		



Dr. SUNNY JOSEPH KALAYATHANKAL
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 Ph.D (Computer Science), Ph.D (Maths)
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 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)		The tutors are instructed to give individual attention in order to bring the weak students in to the main stream

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		

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Dr. SUNNY JOSEPH KALAYATHANKAL
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PRINCIPAL
Jyothi Engineering College
Cheruthuruthy, P.O. - 679 531

Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)		Weak students have been identified and special classes are arranged

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)	<p style="text-align: center;">True Copy Attested</p> <p style="text-align: center;"><i>[Signature]</i></p> <p style="text-align: center;">Dr. SUNNY JOSEPH KALAYATHANKAL M.Tech, MCA, M.Sc, M.Phil, B.Ed Ph.D (Computer Science), Ph.D (Maths) PRINCIPAL Jyothi Engineering College Cheruthuruthy F.O.-679 531</p>	
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		

Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Poor(2)		Actions have taken to monitor the students capacity and to provide remedial measures

M.Tech

No of M.Tech Students	74
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CIVIL ENGINEERING (TRANSPORTATION ENGINEERING) - (Full Time)

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Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		

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Dr. SUNNY JOSEPH KALAYATHANKAL
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 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Good(4)		

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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Attendance of students	Good(4)		

Dr. SUNNY JOSEPH KALAYATHANKAL
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Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Good(4)		

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ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		

Dr. SUNNY JOSEPH KALAYATHAL
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Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Good(4)		

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ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		

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Ph.D (Computer Science) Ph.D (Maths)
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Krothi Engineering College
Hyderabad-679 531

Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Not Relevant		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Quality, coverage etc. of question papers of internal exam	Good(4)		
Evaluation of internal exams	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Not Relevant		
Maintenance of course diary	Good(4)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Good(4)		



Academic Audit Report
 2018 - 2019

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	K Raghavan Nambiar
Second Auditor Name	
Visit	First
Semester Type	Odd

General Assessment

Auditor's Comment	Principal's Response
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College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Excellent(5)		
Functioning of Academic Discipline & Welfare committee	Excellent(5)		
Student feedback on co-curricular and extracurricular activities	Good(4)		
Average student to faculty ratio index	Excellent(5)	1.31	
Progress of Monthly report uploading	Good(4)		

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 Fax: 0471-2511913
 Email: info@jyoti.ac.in

Principal's response ON previous audit reports	Excellent(5)		
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B.Tech

No of B.Tech Students	1617
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MECHATRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		

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Dr. S. JOSEPH KALAYATHANKAL
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 Cheruvu, P.O.-6, 591

Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)		Actions will be taken in order to improve the results
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

CIVIL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Good(4)		
Student feedback on curriculum coverage	Good(4)		

True Copy Attested

amas
Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Comput. Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 686 531

Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Good(4)		
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		

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Sunny
Dr. SUNNY
 M.Tech
 Ph.D (Comp)
 Jyothi Engineering College
 Cheruthuruthy P.O.-679 531

Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)		Actions are taken to improve the performance of students in coming semesters.
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Good(4)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Good(4)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Good(4)		

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

Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)		Actions have already been taken to improve the result
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Good(4)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Fair(3)		Completion of all Practical work on the same day will be stipulated.
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		

True Copy Attested

[Handwritten Signature]

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Pr. D (Computer Science), Pr. D (Maths)
Principal,
Jyothi Engineering College
Cheruthuruthy PO - 679 531

Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)		Actions will be taken in order to improve the results
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Good(4)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		

True Copy Attested

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

Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Fair(3)		Necessary steps have been put in place to improve the results
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

M.Tech

No of M.Tech Students	104
-----------------------	-----

CIVIL ENGINEERING(TRANSPORTATION ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		

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Dr. SUNNY JOSEPH KALAYATHAN KAL
M.Tech, MCA, M.Sc., M.Phil., B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)		
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Excellent(5)		
Syllabus coverage of practical courses	Excellent(5)		
Evaluation of students performance in practical classes	Good(4)		

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

Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)		
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)	True Copy Attested	
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		

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

Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)		
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Functioning of class/course committees	Good(4)		
Schedule of Time Table	Excellent(5)		
Attendance of students	Excellent(5)		
Quantity & Quality of Assignments/Mini Projects	Good(4)		
Conduct of Tutorial Classes	Good(4)		
Syllabus coverage as per course plan	Excellent(5)		
Use of ICT enabled teaching & Digital courses	Good(4)		
Conduct of Practical classes	Good(4)		
Syllabus coverage of practical courses	Excellent(5)		

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

Evaluation of students performance in practical classes	Good(4)		
Conduct of remedial/bridge classes	Good(4)		
Maintenance of course diary	Excellent(5)		
Faculty evaluation by students	Excellent(5)		
Student feedback on curriculum coverage	Good(4)		
Student feedback on infrastructural facilities	Good(4)		
Performance of students in the previous semester	Excellent(5)		
Conduct of seminar classes	Good(4)		
Quality & Progress of projects	Good(4)		

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Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-676 511

True Copy Attested

DR. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-676 511



Academic Audit Report
 2019 - 2020

Basic Details

Institution	JYOTHI ENGINEERING COLLEGE
First Auditor Name	Remya K Sasi
Second Auditor Name	
Visit	First
Semester Type	Odd

College Specific Assessments

Key Aspects	Rating	Auditor Remarks	Principal's Response
Compliance to the Academic Calendar of KTU	Excellent(5)		
Functioning of students grievances and appeal committee	Excellent(5)		
Functioning of Academic Discipline & Welfare committee	Excellent(5)		
Facility for co- curricular and extracurricular activities	Excellent(5)		
Average student to faculty ratio	Excellent(5)	Above 1	
Faculty Retention	Excellent(5)		
Faculty Qualification Index	Fair(3)		
Number of qualified technical staff	Excellent(5)		

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

Facility of central library with respect to volume and title of books, online & print journals	Excellent(5)		
Functioning of IQAC and progress of IQAC report uploading	Excellent(5)		
Principal's response on previous audit reports	Excellent(5)		

Student Interaction

Key Aspects	Rating	Auditor Remarks	Principal's Response
Syllabus coverage	Excellent(5)		
Lab Facility and conduct of Labs	Excellent(5)		
Co-curricular facility	Excellent(5)		
Extra-curricular facility	Good(4)		
All intimation from University conveyed properly in time	Excellent(5)		
Extra fees/fine imposed on students	Excellent(5)		
Approach of the management in addressing student grievances	Excellent(5)		
Availability of Faculty for all subjects	Excellent(5)		
Any other remarks	Good(4)	Students gave positive feedback about faculty members and college	

B.Tech

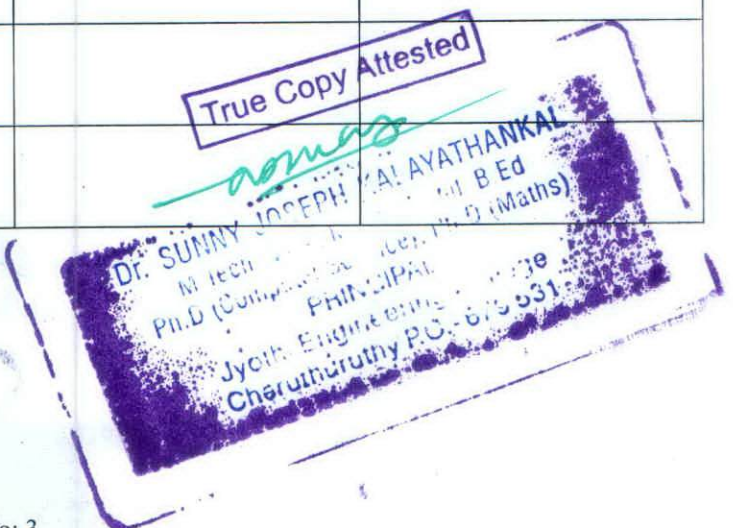
No of B.Tech Students

1506

MECHATRONICS ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Excellent(5)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Good(4)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Good(4)		
Assessment of Outcomes	Good(4)	For attainment calculation target is fixed not as per KTU new guidelines. Irrespective of programmes and course target is fixed same.	
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Good(4)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

CIVIL ENGINEERING-(Full Time)



Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Excellent(5)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Good(4)	For attainment calculation target is fixed not as per KTU new guidelines. Irrespective of programmes and course target is fixed same.	
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

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ELECTRICAL AND ELECTRONICS ENGINEERING-(Full Time)

Dr. SUNNY
M. Tech
Ph.D (Computer Science)
Principal
Jyothi Engineering College
Cheruthuruthy PO - 679 531

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Excellent(5)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Good(4)	For attainment calculation target is fixed not as per KTU new guidelines. Irrespective of programmes and course target is fixed same.	
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Good(4)		The academic calendar is very well adhered to all the portions are covered approximately as required in the syllabus provided.

True Copy Attested

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DR. SUMMY JOSEPH VALAYAN
 M.Sc., M.Phil., Ph.D. (Chemistry)
 Jyoti Chennurthy
 Ph.D. (Chemistry)

COMPUTER SCIENCE & ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Excellent(5)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Excellent(5)		
Assessment of Outcomes	Good(4)	For attainment calculation target is fixed not as per KTU new guidelines. Irrespective of programes and course target is fixed same.	
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

True Copy Attested

Ayisha

Dr. Shilpa
Ph.D (Computer Science)
Jyothi Engineering College
Cheruthuruthy P.O. 679 531

MECHANICAL ENGINEERING-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Excellent(5)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Good(4)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Good(4)		
Assessment of Outcomes	Good(4)	For attainment calculation target is fixed not as per KTU new guidelines. Irrespective of programmes and course target is fixed same.	
Faculty evaluation & remarks of the HOD	Excellent(5)		
Facility in the department library for references	Excellent(5)		
Maintenance of course diary	Excellent(5)		

True Copy Attested

[Handwritten Signature]
 DR. SUNNY JOSEPH
 Principal
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

[Faint Stamp]
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531
 Principal
 Dr. Sunny Joseph

Syllabus coverage as per course plan	Good(4)	The academic calendar is very well adhered to all the portions are covered approximately as required in the syllabus provided.
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ELECTRONICS & COMMUNICATION ENGG-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Class/course committee meetings and action taken report	Excellent(5)		
Advisory meetings and action taken report	Excellent(5)		
Schedule of Time Table	Excellent(5)		
Conduct of Tutorial Classes	Excellent(5)		
Conduct of series tests	Excellent(5)		
Syllabus coverage of practical course	Excellent(5)		
Evaluation of students performance in practical classes	Excellent(5)		
Conduct of Practical test	Excellent(5)		
Facility to do experiments in the lab	Excellent(5)		
Conduct of remedial/minor/honours classes	Good(4)		
Assessment of Outcomes	Good(4)	For attainment calculation target is fixed not as per KTU new guidelines. Irrespective of programmes and course target is fixed same.	
Faculty evaluation & remarks of the HOD	Excellent(5)	<i>[Signature]</i>	
Facility in the department library for references	Excellent(5)		

True Copy Attached

Dr. SUNNY JOSEPH KAI AYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		

M.Tech

No of M.Tech Students	55
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CIVIL ENGINEERING(TRANSPORTATION ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)		
Students attending MOOC or other online courses	Excellent(5)		
Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Excellent(5)		
Facility available in the department to do thesis work(all relevant licensed software)	Excellent(5)		

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COMPUTER SCIENCE AND ENGINEERING(COMPUTER SCIENCE AND ENGINEERING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		


 Dr. SUNNY
 Prin.


 Cheruthuruthy P.O. 531

Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)		
Students attending MOOC or other online courses	Excellent(5)		
Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Excellent(5)		
Facility available in the department to do thesis work(all relevant licensed software)	Excellent(5)		

ELECTRONICS AND COMMUNICATION ENGINEERING(COMMUNICATION ENGINEERING AND SIGNAL PROCESSING)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)		
Students attending MOOC or other online courses	Good(4)		

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Handwritten signature

Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech MCA M.Sc. in B Ed
 Ph.D (Computer Sci) (Mans)
 Jyothi Engineering College
 Cheruthuruthy P.O.-679 531

Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Excellent(5)		
Facility available in the department to do thesis work(all relevant licensed software)	Excellent(5)		

ELECTRICAL AND ELECTRONICS ENGINEERING(POWER ELECTRONICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		
Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Excellent(5)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)		
Students attending MOOC or other online courses	Good(4)		
Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Good(4)		
Facility available in the department to do thesis work(all relevant licensed software)	Excellent(5)		

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INDUSTRIAL AUTOMATION AND ROBOTICS(INDUSTRIAL AUTOMATION AND ROBOTICS)-(Full Time)

Key Aspects	Rating	Auditor Remarks	Principal's Response
Maintenance of course diary	Excellent(5)		

Dr. Ph.D
 Jyoti Cheruthuruthy, I.U.-07/3531
 WKAL

Syllabus coverage as per course plan	Excellent(5)		
Class committee meetings and action taken report	Excellent(5)		
Conduct of Seminar & Mini project	Good(4)		
Conduct of Thesis	Excellent(5)		
Faculty with Ph.D for the program	Excellent(5)		
Students attending MOOC or other online courses	Good(4)		
Facility in the department library for journal reference	Excellent(5)		
Computing facility in the department	Excellent(5)		
Facility available in the department to do thesis work(all relevant licensed software)	Excellent(5)		

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homas

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