



K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS
Department of MECHANICAL ENGINEERING
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical Engineering	Year/Semester	II/IV Sem (ME)
Course Name	Business Economics and Accounting for Engineering	Course Code	2025401

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri G.VENKATA SUBBAIAH	Coordinator	Assistant Professor	
2	Sri P. SIVA SESHU	Member	Assistant Professor	
3	Sri.IJAJ AHAMMED	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject. 2. To check the Uniform coverage of syllabus according to the Internal Examinations. 3. To explain the basic principles of managerial economics, accounting and current business environment underlying business decision making.	1. This course should emphasize the quantitative and qualitative applications of economic principle to business analysis. 2. Evaluate the production function and identifies the least cost combination to control the costs of production	1. PPTs and videos should be utilized for explaining each and every topic so that student can understand clearly. 2. The related lecture notes handover before commencement of topics to be covered. 3. E-RESOURCES	1. BE&AE is a think beyond program which will make the student to examine 2. Financial Analysis Through Ratios and Financial Accounting are some difficult topics.	1. Mathematics is closely related to managerial because managerial economics, being conceptual but also metrical.
 Member	 Member	 Coordinator	 Professor & Head HOD	



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Department	Mechanical Engineering	Year/Semester	II/IV Sem (ME)
Course Name	PROBABILITY STATISTICS & NUMERICAL METHODS	Course Code	2021402

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri Rambhupal Reddy	Coordinator	Professor	<i>B. Rambhupal</i>
2	Sri K.Suresh Kumar	Member	Associate Professor	<i>K. Suresh Kumar</i>
3	Dr.P. Bhanu Prakash	Member	Associate Professor	<i>P. Bhanu Prakash</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject. 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Basic concepts of Probability and Numerical methods are not included in the course.	1. Ppts and videos should be utilized for explaining each and every topic so that student can understand clearly. 2. The related lecture notes hand over before commencement of topics to be covered.	1. Difficult to understand the analysis of the problems.	1. Basic concepts of Probability and Numerical analysis should be discussed in detail. 2. Explaining more number of problems will expertise the students in understanding the concepts.

<i>K. Suresh Kumar</i> Member	<i>P. Bhanu Prakash</i> Member	<i>B. Rambhupal</i> Coordinator	<i>[Signature]</i> Professor & Head HOD
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	II / IV
Course Name	APPLIED THERMODYNAMICS	Course Code	2003403

Committee Members::

S. No	Name	Role	Designation	Signature
1	A.HARIKRISHNA	Coordinator	Assistant Professor	
2	B.SRIHARI	Member	Assistant Professor	
3	C. NAGARAJA	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. In order to verify that the course is consistently covered for internal exams. 2. To address any deficiencies seen from the perspective of the students.	1. Prior to beginning the main course, students wish to review the fundamentals of the prerequisites. 2. Students are listening how thermodynamic laws are applied to different engineering devices through online which make them difficult to understand. 3. Most of the students are attending classes without calculators.	1. Usage of LMS tools for better understanding of concepts. 2. The related text books, solved problems and digital notes are sending before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class.	1. Difficult to draw the velocity diagrams for impulse and reaction turbines 2. The students are not completing assignment in time.	1. Suggested to solve more number of problems related to turbines. 2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.

Member	Member	Coordinator	HOD

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Department	MECHANICAL ENGINEERING	Year/Semester	II / IV
Course Name	Kinematics of Machines	Course Code	2003404

Committee Members:

S. No	Name	Role	Designation	Signature
1	K. SURESH KUMAR	Coordinator	Associate Professor	
2	Sri S. VIJAY KUMAR	Member	Assistant Professor	
3	Dr. B. SUDARSHAN	Member	Associate Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To know how many students have considerable fascination for mechanisms and machines since theoretical principles involved have immediate applications to practical problems</p> <p>2. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p>	<p>1. Students want to listen teaching in E-class mode for better understanding of the spatial position of bodies</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p>	<p>1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic.</p> <p>2. The related text books, solved problems and digital notes are sent before the commencing the class.</p> <p>3. Course material/handouts are supplied to the students before/after the class</p>	<p>1. Facing problem in understanding of Coriolis component of acceleration.</p> <p>2. Some of the Students are facing problem in solving problems related to spherical cams</p>	<p>1. Suggested to solve a more number of problems related to acceleration analysis and spherical cams.</p> <p>2. After completion of each unit it is suggested to revise important topics in that unit.</p> <p>3. It is suggested to use physical models during the class room teaching</p>

Member	Member	Coordinator	Professor & head



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Department	MECHANICAL ENGINEERING	Year/Semester	II/ IV
Course Name	Machine tools	Course Code	2003405

Committee Members::

S. No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Assistant Professor	
2	Sri K. Suresh Kumar	Member	Assistant Professor	
3	P. SIVA SESHU	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Machine tools thought in the class are showed realistically to the students for easy understanding. 2. The students should know to use the machine tools in real life.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Many more new machine tools are used in Industries, need to visit the industry which have the new technology used for manufacturing	1. Need to visit the Nearest Industry which uses the New technology for Inspection.

Member	Member	Coordinator	HOD head



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Department	MECHANICAL ENGINEERING	Year/Semester	II/IV
Course Name	APPLIED THERMODYNAMICS LAB	Course Code	2003406

Committee Members::

S. No	Name	Role	Designation	Signature
1	Smt. E. REDDY GOWTHAMI	Coordinator	Assistant Professor	<i>E. R. Gowthami</i>
2	SRI. P.SIVA SESHU	Member	Assistant Professor	<i>S. P. Seshu</i>
3	SRI J. SURESH BABU	Member	Assistant Professor	<i>S. J. Suresh Babu</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation , and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/hand outs are supplied to the students before/after the class	1. It is very difficult to prepare mould cavities of complicate shapes 2. It requires skill to perform some of the experiments	1. Student should have theoretical knowledge simultaneously 2 Applied Thermodynamics labs are guaranteed to have personal with the highest level of technical competence.

<i>E. R. Gowthami</i> Member	<i>S. P. Seshu</i> Member	<i>E. R. Gowthami</i> Coordinator	<i>S. J. Suresh Babu</i> HOD & head
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Department	MECHANICAL ENGINEERING	Year/Semester	II / IV
Course Name	MANUFACTURING TECHNOLOGY LAB-II	Course Code	2003407

Committee Members:

S. No	Name	Role	Designation	Signature
1	Dr. P.Sreenivas	Coordinator	Assistant Professor	<i>P.Sreenivas</i>
2	C. Naga raja	Member	Assistant Professor	<i>C. Naga raja</i>
3	Dr. Babu Dharmalingam	Member	Assistant Professor	<i>Dr. Babu Dharmalingam</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation , and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. It requires skill to perform some of the experiments 2. Manufacturing Technology labs are guaranteed to have personal with the highest level of technical competence.	

<i>C. Naga raja</i>	<i>Dr. Babu Dharmalingam</i>	<i>P.Sreenivas</i>	<i>P.Sreenivas</i>
Member	Member	Coordinator	Coordinator

P.Sreenivas
Professor & head
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Department	Mechanical engineering	Year/Semester	II/II
Course Name	CAM DRAWING	Course Code	2003408

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri P.SIVASESHU	Coordinator	Asst.Professor	
2	Sri J.SURESH BABU	Member	Assistant Professor	
3.	Dr P.BHANUPRAKASH	Member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of machine drawing and basics in catia v5 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for more practice hours to practice	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the basic command AUTOCAD 2. The related text books and practice manuals & materials are given before commencement of topics to be covered.	1. Difficult to understand the so many command and practice methods	1. Suggested to draw basic components IN AUTOCAD more. 2. Explaining the shortcuts and advanced commands
Member	Member	Coordinator	HOD & Head	

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Department	Mechanical engineering	Year/Semester	I/IV
Course Name	CNC Programming & simulation	Course Code	2003409

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.D. Merwin Rajesh	Coordinator	Assistant .Professor	
2	Sri. S. Mahaboob Khan	Member	Assistant Professor	
3.	Sri. P.siva seshu	Member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students has to know the fundamentals of machine drawing and basics in Part programming 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for more practice hours to practice	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the basic of G & M Codes 2. The related text books and practice manuals & materials are given before commencement of topics to be covered.	1. Difficult to understand the so many command and lengthy part programs	1. Suggested to practice basic programs using simulation interface 2. Explaining the shortcuts and advanced commands
Member	Member	Coordinator	HOD	



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Department	Mechanical engineering	Year/Semester	II/II
Course Name	UNIVERSAL HUMAN VALUES	Course Code	2024410

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri P.SIVASESHU	Coordinator	Asst.Professor	
2	Sri J. SURESH BABU	Member	Assistant Professor	
3.	Sri R.RAMAKRISHNA REDDY	Member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of UHV 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for more practice hours to follow ethics	1. To realise an equitable and just society as well as promoting national development (making India a global knowledge leader) 2. To develop graduates to their full human potential (human consciousness, human conduct), who will be committed to national development and global well-being in a collaborative manner with all concerned agencies.	.capable of rational thought and action • possessing compassion and empathy • courage and resilience • scientific temper and creative imagination • sound ethical moorings and values.	1. Education is expected to develop graduates to their full human potential (human consciousness, human conduct), who will be committed to national development and global well-being. Over time, they are expected to contribute meaningfully for realising an equitable and just society and making India a global knowledge leader.
Member	 Member	 Coordinator	 Professor & Head HOD	

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Department	Mechanical engineering	Year/Semester	III/ VI
Course Name	DME-II	Course Code	1803602

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri. J.Suresh babu	Coordinator	Asst.Professor	
2	SriD.Merwin Rajesh	Member	Asst.Professor	
3	Sri Ijas Ahammed	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Environmental Science. 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for Ecosystem based analysis in Gears of Kadapa district (For Discussion).	1.Usage of Power point presentation and YOUTUBE videos for explaining the Design of Machine elements and Use of data books 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to follow-up and facing issues to remember all the terms related to Engine components	1. Suggested to write all technical names in note book related to Design of machine elements. 2. Explaining more number of live projects and Uses of design in Automative fields.

 Member	 Member	 Coordinator	 HOD & head
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	III/ VI
Course Name	OPERATIONS RESEARCH	Course Code	1803603

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.J.SURESH BABU	Coordinator	Asst.Professor	
2	Sri.P.SIVASHESU	Member	Asst.Professor	
3	Sri P.CHAITANYA KANTH	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To overcome the shortcomings from students' point of view, if any. 2. To check the Uniform Coverage of syllabus according to the Internal Examinations	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of operations research 2. Students Requested for Ecosystem based analysis in Kadapa district (For Discussion). 3. The concerned faculty identified few of them are not attending regularly.	1.Usage of Power point presentation and YOUTUBE videos for explaining the operations research 2. The related text books and Study materials are given before Commencement of topics to be covered.	1. Difficult to follow-up and facing issues to remember all the terms related to operations research 2.Remebering queuing Assumptions.	1. Suggested to write all technical names in note book related to operations research. 2. Explaining more number of live projects related to inventory system.

Member	Member	Coordinator	Professor & Head HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	III / VI
Course Name	Power Plant Engineering	Course Code	1803604

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Assistant. Professor	
2	Sri A.Harikrishna	Member	Assistant. Professor	
3	Sri.P.Sivaseshu	Member	Assistant. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Power plant engineering 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for thermal power plant, and hydro power plant visit and study the significance of each equipment.	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the components and working principles of plant Equipment	1. Suggested to draw all plants layouts and circuit diagrams to understand the working principle of each component better 2. Explaining more number of projects related to solar and tidal power generation projects

Member	Member	Coordinator	HOD



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Department	Mechanical engineering	Year/Semester	VI
Course Name	Gas Turbines and Jet Propulsion	Course Code	1803605

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.Rama Krishna Reddy	Coordinator	Asso.Professor	
2	D.Merwin Rajesh	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. The concerned faculty identified few of them are not attending regularly. 2. Students requested to play YOUTUBE videos to understand the working concepts clearly	1. QUIZES & Assignments related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge. 2. The related text books and Study materials are given before commencement of topics to be covered.	Difficult to understand some topics.	1. Suggested to follow YOUTUBE videos for better understanding. 2. Students are instructed to attend classes regularly

Member	Coordinator	HOD



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Department	MECHANICAL ENGINEERING	Year/Semester	III/ VI
Course Name	Robotics and applications in manufacturing	Course Code	18OE302

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri.B.Ravi chandra	Coordinator	Assistant Professor	
2	Sri.S.Mahaboob khan	Member	Assistant Professor	
3	Sri.A.Hari krishna	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as OE 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. For automation concept and manufacturing methods related to class should be showed realistically to the students for easy understanding. 2. The students should know to improve the quality of product.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Many more new concepts and methods are used in Industries, need to visit the industry which have the new technology used for manufacturing.	1. Need to visit the Nearest Industry which uses the New technology for using automation methods

Member	Member	Coordinator	Prof HOD & Head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	III / II
Course Name	MACHINE TOOLS LAB	Course Code	1803613

Committee Members:

S. No	Name	Role	Designation	Signature
1	K. SURESH KUMAR	Coordinator	Associate Professor	
2	S. VIJAY KUMAR	Member	Assistant Professor	
3	D. MERWIN RAJESH	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. It is very difficult to prepare mould cavities of complicated shapes 2. It requires skill to perform some of the experiments	1. Student should have theoretical knowledge simultaneously 2. Manufacturing Technology labs are guaranteed to have personal with the highest level of technical competence.

Member	Member	Coordinator	HOD



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Department	MECHANICAL ENGINEERING	Year/Semester	III / VI
Course Name	HEAT TRANSFER LAB	Course Code	1803614

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI. G.VENKATA SUBBAIAH	Coordinator	Assistant Professor	
2	SRI. S.VIJAY KUMAR	Member	Assistant Professor	
3	SRI B.SRIHARI	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the Short comings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various factors the change in the substances temperature, the mass of substances, and certain physical properties related to the phase of the substance. 2.Lengthy calculation in heat transfer lab 3. The concerned faculty identified few of them are not attending regularly and not carrying heat transfer data book..	1. Usage of Power point presentation , and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/hand outs are supplied to the students before/after the class	1. It is very difficult to solve lumped and heisler charts parameters transient heat transfer problems. 2. It requires skill to perform some of the experiments	1. Student should have fundamentals of heat transfer knowledge simultaneously 2. Heat transfer labs are guaranteed to have personal with the highest level of technical competence.

Member	Member	Coordinator	HOD

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Department	MECHANICAL ENGINEERING	Year/Semester	III / VI
Course Name	INTERNSHIP	Course Code	1803615

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri. IJAJ AHAMMED	Coordinator	Asst.Professor	
2	Sri. P.K.CHAITANYAKANTH REDDY	Member	Asst.Professor	
3	Dr. D. RAVIKANTH	Member	Associate Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Experience of applying existing engineering knowledge in similar or new situations. 2. Ability to identify when new engineering knowledge is required, and apply it.	1. Students and recent graduates put in a lot of time studying, learning, and preparing for their careers; however, the true challenge comes once all their knowledge is put to the test in a real-world situation. 2. Many internships do not pay, from unpaid software internships to unpaid nursing internships.	1. Job listings often describe requirements such as education and minimum job experience. 2. In scientific fields, for example, an internship might consist of assisting with research in a lab. 3. The most valuable mentor relationships often start with a personal connection that enhances the experience for both the mentor and the mentee.	1. Weak values and measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly increased in range of possible measurements out comes.	1. Organizations often receive far more applications than there are internships. This means getting an internship – even an unpaid one – can be competitive.

 Member	 Member	 Coordinator	 HOD
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Department	Mechanical engineering	Year/Semester	VI
Course Name	ORGANIZATIONAL BEHAVIOUR	Course Code	182516

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri. D. Merwin Rajesh	Coordinator	Asst.Professor	
2	Sri. R. Mahesh	Member	Assistant Professor	
3.	Sri. I. Ijaj Ahammedu	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	. The concerned faculty identified few of them are not attending regularly. 2. Students Requested for basics in Industrial engineering	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos on organizing plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand algorithms terminology and procedures in industrial methods	1. Suggested to understand the basics in CAPP IM . 2. Explaining more case studies of organizational aspects

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FIRST COURSE REVIEW COMMITTEE REPORT UG (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	III B.tech VI Semester
Course Name	Professional Ethics and Soft Skills	Course Code	1824617
		Date	

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri S.Vijaya Kumar	Coordinator	Assistant Professor	
2	Dr. Babu Dharma lingam	Member	Associate Professor	
3	Dr. P. Bhanu Prakash	Member	Associate Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To understand the Concept of the Professional Ethics and 2.. To understand the Work ethic is one of the most valuable attributes that employers look for in their prospective employees in every industry.	1. Students want to listen teaching in E-class mode because to understand the Concepts Ethics 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class.	1. Find the example of weaknesses that you can effectively use to answer interview questions about your greatest weaknesses., 2. Weaknesses are hard to talk about, so one needs to be very careful when sharing examples of yours. Thus, there is no need of putting yourself out of contention for the job because the interviewer thinks you are not well educated, qualified, and skilled.	1. Showing respect to others in your work demonstrates your workethic 2.projects you as a professional. Try to speak politely with everyone and focus on the qualities of a person rather than on the negatives.
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Department	MECHANICAL ENGINEERING	Year/Semester	IV/VIII
Course Name	REFRIGERATION AND AIR CONDITIONING (PE-IV)	Course Code	1803801

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri P.SIVASESHU	Coordinator	Assistant Professor	
2	Sri R.MAHESH	Member	Associate Professor	
3	Dr DHARMALINGAM BABU	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. This course deals with the fundamentals of Thermodynamics including thermodynamic systems and properties, 2. The relationships among the thermos-physical properties, the laws of thermodynamics and applications of these basic laws in thermodynamic systems. 3. To check the Uniform Coverage of syllabus according to the Internal Examinations.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and application of thermodynamic laws to various engineering devices. 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for local site visit of RTPP to see the actual working of steam turbines and Condensers.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class.	1. Difficult to derive the Maxwell Equations and problems.	1. Suggested to solve more number of problems related to steam turbines 2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.

Member	Member	Coordinator	Prof. HOD & Head

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Department	MECHANICAL ENGINEERING	Year/Semester	IV/ VIII
Course Name	Total quality management	Course Code	1803807

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr.V.Saitya moorthy	Coordinator	Associate Professor	
2	Sri.P.Sivaseshu	Member	Assistant Professor	
3	SRI.NARESH KUMAR YADAV	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. To understand the concepts of quality industrial practical examples should be showed realistically to the students for easy understanding. 2. The students should know the importance of quality in real life.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Many more new quality improved techniques are used in Industries, need to visit the industry which have the new technology .	1. Need to visit the Nearest Industry which uses the New technology for quality improvements.

Member	Member	Coordinator	Professor & Head HOD



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Department	MECHANICAL ENGINEERING	Year/Semester	IV/ VIII
Course Name	MAJOR PROJECT	Course Code	1803813

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri.R.Mahesh	Coordinator	Assistant Professor	
2	Dr.A.Saravan Kumar	Member	Professor	
3	Dr.D.Ravikanth	Member	Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. The Students apply the programming knowledge on real-world program. 2. To undertake a short research training outside the classroom	1. Students are expressing their difficulties in Fabrication of live projects. 2. Need to visit the nearest Companies to get practical Exposure..	1. Using of different Software's / analytical methods. 2. Referring the different journals published.	1. Lack of fabrication knowledge..	1. Visiting to the nearest companies and knowing the problems and giving them Major project to students and getting a solution to the problem and giving it to the Industries gives a Appreciation to The students as well as for the college.

Member	Member	Coordinator	Professor & Head HOD



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Department	MECHANICAL ENGINEERING	Year/Semester	IV B.tech VIII Semester
Course Name	Seminar-II	Course Code	1803814
		Date	

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri S.Vijaya Kumar	Coordinator	Assistant Professor	
2	Sri P.Siva Seshu	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Awareness of how to use values in improving your own professionalisms. 2. Implement values for bridging and harmonizing your employees.	1. Students want to listen teaching in E-class mode because to understand the Concepts Ethics 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. A wealth of knowledge usually, presented by many speakers at one time in one place.	1. Find the example of weaknesses that you can effectively use to answer interview questions about your greatest weaknesses., 2. This first-year seminar will highlight various aspects of critical topics in K-12 education to consider the current strengths, weaknesses, opportunities, and threats in contemporary K-12 education.	1. Try not to cover too many ideas, stick instead to a major theme. Focus on what the audience needs to know about the subject and not everything you could tell them. 2. Don't give too many experimental details unless the method is the main point of the talk.

Member	Member	Coordinator	HOD & head	

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Department	Mechanical engineering	Year/Semester	Mtech/IIsem
Course Name	Energy Audit and Management	Course Code	1899201

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.D.Ravikanth	Coordinator	Professor	
2	Dr.P.Bhanu praksh	Member	Associate professor	
3.	Dr.Dharma lingam Babu	member	Associate professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance Renewable Energy resources 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for solar power plant, and hydro power plant visit and study the significance of each equipment.	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment and other industries. 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand solar tracking and radiation calculations the components and working principles of plant Equipment	1. Suggested to visit the real projects and get the practical knowledge. 2. Explaining more number of projects related to solar and tidal power generation projects 3.suggested to conduct energy auditing in various industries.
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	M.TECH/II
Course Name	Computational Fluid Dynamics	Course Code	1899202

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.D. Merwin Rajesh	Coordinator	Assistant Professor	
2	Sri. S. Mahaboob Khan	Member	Assistant Professor	
3.	Sri. A. HariKrishna	Member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students has to know the fundamentals and basics in Heat transfer and mass transfer 2. The concerned faculty identified few of them are not attending regularly. 3. Students has to practice more finite elements and meshing related problems	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the basic in CFD simulation software 2. The related text books and Study materials are given before commencement of topics to be covered	1. Difficult to analyze the exact procedure to follow in complex cfd problems	1. Suggested to practice basic programs using CFD simulation interface2. Explaining the shortcuts and advanced procedure in software
Member	Member	Coordinator	HOD	



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Department	Mechanical engineering	Year/Semester	IV/ VII
Course Name	Wind Energy Technology	Course Code	1899204

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri C.Nagaraja	Coordinator	Assistant Professor	
2	Sri S.Vijay kumar	Member	Assistant Professor	
3.	Sri B.SRIHARI	member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance Renewable Energy resources 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for WIND power plant, visit and study the significance of each equipment.	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand solar tracking and radiation calculations the components and working principles of plant Equipment	1. Suggested to visit the real projects and get the practical knowledge. 2. Explaining more number of projects related to WIND power generation projects
Member	Member	Coordinator	HOD	

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	IV /VII
Course Name	Energy conservation by waste heat Recovery	Course Code	1899207

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Assistant. Professor	
2	Sri A. Saravana Kumar	Member	Professor	
3	Sri.P. Sivaseshu	Member	Assistant. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of waste heat recovery in Power plants 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for thermal power plant, and cement factory visit and study the significance of each equipment.	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of equipment's power plant and steel factory 2. The related text books and Study materials are given before commencement of topics to be covered	1. Difficult to understand the components and working principles of plant Equipment and process equipment's	1. Suggested to draw all plants layouts and circuit diagrams to understand the working principle of each component better . 2. Explaining more number of projects related to power generation projects

Member	Member	Coordinator	HOD & Head



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Department	MECHANICAL ENGINEERING	Year/Semester	IV/ VII
Course Name	MINOR PROJECT	Course Code	1899209

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri.R.Mahesh	Coordinator	Assistant Professor	
2	Sri.S.Mahaboobkhan	Member	Assistant Professor	
3	Dr.A.saravankumar	Member	Asso Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. The Students apply the programming knowledge on real-world program. 2. To undertake a short research training outside the classroom	1. Need to visit the nearest Companies and know the problems in the Mechanical.	1. Using of different Software's / analytical methods. 2. Referring the different journals published.	1. Need to visit the nearest Companies and know the problems in the Mechanical.	1. Visiting to the nearest companies and knowing the problems and giving the minor project to students and getting a solution to the problem and giving it to the Industries gives a Appreciation to The students as well as for the college.

 Sri.S.Mahaboobkhan	 Dr.A.saravankumar	 Sri.R.Mahesh	 HOD & Head
Member	Member	Coordinator	



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Department	MECHANICAL ENGINEERING	Year/Semester	I/II
Course Name	Energy Laboratory	Course Code	1899210

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri.U.P RADEEP KUMAR	Coordinator	Asst.Professor	U. Pradeep Kumar
2	Sri.D. MERVIN RAJESH	Member	Asst.Professor	Mervin Rajesh
3	Sri NARESH KUMAR YADAV	Member	Asst.Professor	Narsh Yadav

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. In order to supplement various topics related to energy aspects in classroom lectures, some laboratory experiments are needed as a part of curriculum development of energy studies programme for better understanding of the subjects.	1 Students want to listen teaching in E-class mode because understand the significance Renewable Energy resources 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for solar power plant, and hydro power plant visit and study the significance of each equipment.	1. Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand solar tracking and radiation calculations the components and working principles of plant Equipment	1. Suggested to visit the real projects and get the practical knowledge. 2. Explaining more number of projects related to solar and tidal power generation projects

Member	Member	Coordinator	HOD

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