



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

<b>Department</b>	Mechanical Engineering	<b>Year/Semester</b>	IVSem (ME)
<b>Course Name</b>	Business Economics and Accounting for Engineering	<b>Course Code</b>	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 check the Uniform Coverage of syllabus according to the External Examinations. 2. BE&AE is a think beyond program which will make the student to examine the application of microeconomics theory	1. Understand the structures of various market types and their pricing policies 2. Understand the types of business forms and also be able to evaluate the investments using capital budgeting techniques.	1. The related text books and solved problems are sent before commencement of topics to be covered. 2. Course material/handouts are given before class. 3. Journal of Global Economics, Journal of Economics and Business	1. Some difficult topics Break-even Analysis (BEA) and Pricing Policies & Methods	1. Managerial economics is the of economic modes of thought to analyses business situation
Member	Member	Coordinator	Professor & Head	



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**Department of MECHANICAL ENGINEERING**  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

<b>Department</b>	<b>Mechanical Engineering</b>	<b>Year/Semester</b>	<b>II/IV Sem (ME)</b>
<b>Course Name</b>	<b>PROBABILITY, STATISTICS &amp; NUMERICAL METHODS</b>	<b>Course Code</b>	<b>2021401</b>

**Committee Members:**

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

<b>Purpose / Objective</b>	<b>Problems Identified</b>	<b>Result Analysis</b>		<b>Suggestions for Improvement</b>
		<b>Strength</b>	<b>Weakness</b>	
1. To check the Uniform Coverage of syllabus according to the External Examinations.  2. To overcome the shortcomings from students' point of view, if any.	1. The concerned faculty identified that few of the students are not regular in attending the classes.	1. The related text books and solved problems are sent before commencement of topics to be covered. 2. Course material/ handouts are given before class.	1. Some difficulty faced to discuss some topics and calculations because students should use calculators.	1. Explaining more number of problems will expertise the students in understanding the concepts.

<b>Member</b>	<b>Member</b>	<b>Coordinator</b>	<b>Prof. HOD &amp; head</b>

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**SECOND 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	
<p>1. To check the uniform Coverage of syllabus according to the external examinations</p> <p>2. To overcome the shortcomings from students' point of view, if any in previous meetings.</p>	<p>1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students requested for industry visit and internship in thermal power plants</p>	<p>1. QUIZ questions related to boilers, nozzles, turbines, compressors etc. are very useful to enrich the subject knowledge.</p> <p>2. Study materials – Soft copy circulated among students</p> <p>3. Syllabus covered in both classes uniformly.</p>	<p>Some of the students are facing problem to apply thermodynamic laws and principles to new engineering devices due to lack of sound knowledge in their working principle.</p>	<p>1. Students should be motivated to learn new knowledge, which is achievable if they are aware of real-world projects.</p> <p>2. Problems experienced during the projects and different solutions should be sought out from the students as assignments/tasks.</p>

Member	Member	Coordinator	HOD

**Professor & Head**  
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

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	
1. To check the uniform Coverage of syllabus according to the external examinations  2. To overcome the shortcomings from students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ questions related to Kinematic pairs, velocity and acceleration diagrams are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem in understanding kinematic equations.  2. Facing problem in understanding of phenomenon of interference in gear	1. It is suggested to quote more number of live examples. 2. To overcome the weaknesses, it is suggested to arrange an industrial visit to students ( Industries using Robots in their manufacturing unit).

 Member	 Member	 Coordinator	 HOD Professor & Head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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 check the uniform Coverage of syllabus according to the external examinations  2.To overcome the shortcomings from students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for industry visit and internship in thermal power plants	1. Study materials – Soft copy circulated among students 2. Syllabus covered in both classes uniformly.	1. Students facing the difficulties where the new technology updated the industries are not thought in the classes.	1. To overcome the weaknesses, suggested to visit the Industry for the easy understandings.

Member	Member	Coordinator	Profes HOD head



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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021--22**

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

**Committee Members::**

S. No	Name	Role	Designation	Signature
1	Smt. E. REDDY GOWTHAMI	Coordinator	Assistant Professor	<i>E. P. Gowthami</i>
2	SRI. P.SIVA SESHU	Member	Assistant Professor	
3	SRI J. SURESH BABU	Member	Assistant Professor	<i>Suresh</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 <b>Power point presentation</b> , and <b>YOUTUBE</b> 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 ThermoDyanmics labs are guaranteed to have personal with the highest level of technical competence.

<i>Suresh</i> Member	<i>Suresh</i> Member	<i>E. P. Gowthami</i> Coordinator	<i>E. P. Gowthami</i> HOD
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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	P.Sreenivas
2	C. Naga raja	Member	Assistant Professor	C. Naga raja
3	Dr.Babu Dharmalingam	Member	Assistant Professor	Dr. Babu Dharmalingam

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 applicatios. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> 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	1. Student should have theoretical knowledge simultaneously  2 Manufacturing Technology labs are guaranteed to have personal with the highest level of technical competence.

		P.Sreenivas	
Member	Member	Coordinator	HOD, head

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**SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) PG 2021-22**

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	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus. 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 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to CAD 2. Study materials – Soft copy of commands used in AUTOCAD,CATIA 3. More practice hours.	1. few of the students are facing problem in COMPLEX drawing	1. Suggested to draw basic assembly drawing and advanced assembly. 2. Explaining more number of assembly drawing and procedure
 Member	 Member	 Coordinator	 HOD Professor & head	

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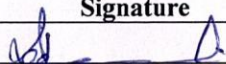

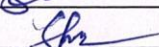



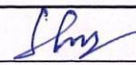
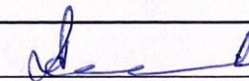
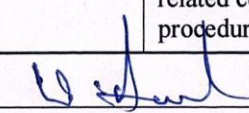
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

Department	Mechanical engineering	Year/Semester	I/I
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	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus.  2.To overcome the shortcomings from students' point of view, if any	1. Students felt little bit confusing to understand the significance and fundamentals of NC and CNC simulation interface 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to part commands 2. Study materials – Soft copy of codes used in nc and cnc part programming 3. More practice hours.	1. few of the students are facing problem in COMPLEX tools selection	1. Suggested to write basic programme of complex drawing and geometry. 2. Explaining more number of interpolation related commands and procedure
 Member	 Member	 Coordinator	 HOD	

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) PG 2021-22

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	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus. 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	HOD	

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<b>Department</b>	<b>Mechanical engineering</b>	<b>Year/Semester</b>	<b>III/ VI</b>
<b>Course Name</b>	<b>Design of machine elements-II</b>	<b>Course Code</b>	<b>1803502</b>

**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	Sri J.Suresh Babu	Coordinator	Asst.Professor	
2	SriD.Merwin Rajesh	Member	Asst.Professor	
3	Sri Ijas Ahammed	Member	Asst.Professor	

<b>Purpose / Objective</b>	<b>Problems Identified</b>	<b>Result Analysis</b>		<b>Suggestions for Improvement</b>
		<b>Strength</b>	<b>Weakness</b>	
1. 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 maintaining class notes properly. 2. Students Requested for biodiversity analysis in India (For Discussion).	1. QUIZ Questions related to Environmental science very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand Automobile components.	1. Suggested to review once again same unit for better understanding of endangered and endemic species 2. Review the Design of machine elements.

 Member	 Member	 Coordinator	 HOD
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SECOND 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. 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 maintaining class notes properly. 2. Students Requested for biodiversity analysis in India (For Discussion).	1. QUIZ Questions related to operations research very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand endangered and endemic species unit	1. Suggested to review once again same unit for better understanding of endangered and endemic species 2. Review the operations research .

Member	Member	Coordinator	HOD Professor & head



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SECOND 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. Uniform Coverage of syllabus. 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. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various power 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, nuclear ,diesel ,MHD power generation projects

Member	Member	Coordinator	HOD



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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1.Students requested to solve more number of problems in class. 2. Students requested for industry visit related to subject.	1.YOUTUBE Videos related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge.  2. Syllabus covered in both classes uniformly.	Some of the students are facing problem to solve problems.	Suggested to practice more number of problems from different text books.

Member	Coordinator	HOD

Professor & head  
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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 check the uniform Coverage of syllabus according to the external examinations  2.To overcome the shortcomings from students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for industry visit and internship in automation and robotics are used in industry	1. Study materials – Soft copy circulated among students 2. Syllabus covered in both classes uniformly.	1. Students facing the difficulties where the new technology updated the industries are not thought in the classes.	1. To overcome the weaknesses, suggested to visit the Industry for the easy understandings.

Member	Member	Coordinator	HOD

Professor & head  
Department of Mechanical Engineering  
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SECOND 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	
<ol style="list-style-type: none"><li>To evaluate significance of this lab</li><li>To check the Uniform Coverage of syllabus according to the Internal Examinations.</li><li>To overcome the shortcomings from students point of view, if any.</li></ol>	<ol style="list-style-type: none"><li>Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications.</li><li>The concerned faculty identified few of them are not attending regularly.</li></ol>	<ol style="list-style-type: none"><li>Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic.</li><li>The related lab manuals and digital notes are sent before the commencing the class.</li><li>Course material/handouts are supplied to the students before/after the class</li></ol>	<ol style="list-style-type: none"><li>It is very difficult to prepare mould cavities of complicate shapes</li><li>It requires skill to perform some of the experiments</li></ol>	<ol style="list-style-type: none"><li>Student should have theoretical knowledge simultaneously</li><li>Manufacturing Technology labs are guaranteed to have personal with the highest level of technical competence.</li></ol>
 Member	 Member	 Coordinator	 HOD	





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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021--22

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	
. 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. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> 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 theoretical knowledge simultaneously 2. More practice and utilisation data book.

Member	Member	Coordinator	HOD Professor & head

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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	
<p>1. Experience of applying existing engineering knowledge in similar or new situations.</p> <p>2. Ability to identify when new engineering knowledge is required, and apply it.</p>	<p>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.</p> <p>2. Many internships do not pay, from unpaid software internships to unpaid nursing internships.</p>	<p>1. Job listings often describe requirements such as education and minimum job experience.</p> <p>2. In scientific fields, for example, an internship might consist of assisting with research in a lab.</p> <p>3. The most valuable mentor relationships often start with a personal connection that enhances the experience for both the mentor and the mentee.</p>	<p>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.</p>	<p>1. Organizations often receive far more applications than there are internships. This means getting an internship – even an unpaid one – can be competitive.</p>

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

Department	Mechanical engineering	Year/Semester	VI
Course Name	Organizational Behaviour	Course Code	1825616

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	Organizational behavior Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. Students has to know the basic terminology and fundamentals of industrial engineering and managment 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to geometric modeling are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand	1. Suggested to understand the basics in CAPP, IM . 2. Explaining more number of topics
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

<b>Department</b>	Mechanical engineering	<b>Year/Semester</b>	III B.tech VI Semester
<b>Course Name</b>	Professional Ethics and Soft Skills	<b>Course Code</b>	1824617
		<b>Date :</b>	

**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 check the uniform Coverage of syllabus according to the external examinations 2. To overcome the shortcomings from students' point of view, if any in previous meetings.	1 It is difficult to quantify soft skills and to see how good you are. I see my soft skills learning as a continuous cycle of improvement, starting with reviewing mentally how I get on in specific day to day scenarios, reviewing to see how I could have done better and then next time 2. It is soft skills that will ensure you can navigate your way through this sea of personal interest and succeed in your role.	1 Hard Skills refer to the knowledge and ability that an individual needs in order to do their job. 2.Hard Skills can range from knowing how to code in C language to being well-versed in how to argue in a courtroom.	1. Before you prepare to answer the question at hand, it might be more useful to first start by assessing the <i>type</i> of skills that you find to be your weakest. Let's have a look! 2. One of the trickiest questions that you will hear is what are your professional weaknesses and this question is quite tough.	1. Strong work ethics are reflected by an employee's dedication and commitment to his job. Maintain a regular attendance, take responsibility and ownership for your performance, 2. remain focused on your targets, and put in extra efforts to complete your assignments to the best of your ability.

Member	Member	Coordinator	Professor & Head HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	II / III
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. To check the uniform Coverage of syllabus according to the external examinations  2.To overcome the shortcomings from students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for industry visit and internship in thermal power plants	1. QUIZ questions related to various processes in thermodynamics and cycles etc. are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to apply thermodynamic laws and principles to new engineering devices due to lack of sound knowledge in their working principle.	1. To overcome the weaknesses, suggested to visit nearby Thermal Power station (RTPP, Muddanur) during maintenance period of the plant.

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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

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 moorty	Coordinator	Associate Professor	<i>Saitya</i>
2	Sri.P.Sivaseshu	Member	Assistant Professor	<i>Shiv</i>
3	SRI.NARESH KUMAR YADAV	Member	Assistant Professor	<i>Nyadav</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To check the uniform Coverage of syllabus according to the external examinations</p> <p>2.To overcome the shortcomings from students' point of view, if any in previous meetings.</p>	<p>1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students requested for industry visit and internship in industries which has implemented latest quality techniques.</p>	<p>1. Study materials – Soft copy circulated among students</p> <p>2. Syllabus covered in both classes uniformly.</p>	<p>1. Students facing the difficulties where the new technology updated the industries are not thought in the classes.</p>	<p>1. To overcome the weaknesses, suggested to visit the Industry for the easy understandings.</p>

<i>Shiv</i> Member	<i>Nyadav</i> Member	<i>Saitya</i> Coordinator	<i>Saitya</i> Professor & Head HOD
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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. Lack of knowledge in the Topics to be selected.	1. Using of different Software's / analytical methods. 2. Referring the different journals published.	1. Topic to be given by the lecturers where the challenging tasks can be performed	1. Real life problems facing with the Mechanical Engineers can be given to the students.

Member	Member	Coordinator	HOD & head



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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

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	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Learning about personal and communication styles for team building 2. To overcome the shortcomings from students' point of view, if any in previous meetings.	1 to encourage students to explore the connection between university study and life enrichment, lifelong learning, and civic responsibility. To promote respect for diversity issues and concepts. 2. It is soft skills that will ensure you can navigate your way through this sea of personal interest and succeed in your role.	1 Consolidated block of time helps focus users' attention on seminar topic. 2.Teaching a group (e.g. class, lab group) help builds peer support network.	1. May have to offer multiple times, depending on topic and how often user population turns over. 2.Preparation and teaching takes a lot of hard work.	1.A presentation concentrates on teaching something to the audience. A good presentation means that the audience understood the message. The first rule is to place yourself in the mind of your audience. 2 The second rule is to provide the minimum amount of information to the audience; this helps overcome the temptation to fill presentations with details meant to impress the audience. the best of your ability.

Member	Member	Coordinator	Prof HOD & head





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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

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

**Committee Member**

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	

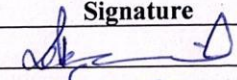

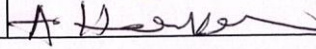
Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus.  2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Different advanced renewable energy power plants 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. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various power plant equipment	1. Suggested to draw all plants layouts and understand the working principle of each component better . and to conduct energy auditing 2. Explaining more number of projects related to solar and tidal, nuclear ,diesel ,MHD power generation projects
 Member	 Member	 Coordinator	 HOD	 Professor & Head

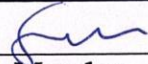
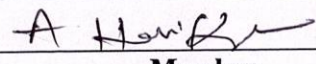
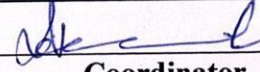
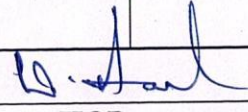
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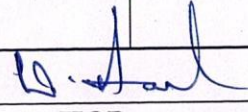
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

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	
<p>1. Uniform Coverage of syllabus.</p> <p>2.To overcome the shortcomings from students' point of view, if any</p>	<p>1. Students felt little bit confusing to understand the significance and fundamentals of CFD simulation interface</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p>	<p>1. QUIZ Questions related to geometric modeling are very useful to enrich the subject knowledge.</p> <p>2. Study materials – Soft copy circulated among students</p> <p>3. Syllabus covered in both classes uniformly.</p>	<p>1. few of the students are facing problem in COMPLEX CFD Problems</p>	<p>1. Suggested to write basic programme of complex drawing and geometry.</p> <p>2. Explaining more number of interpolation related commands and procedure</p>
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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

Committee Member

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. Uniform Coverage of syllabus. 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 Different advanced renewable energy power plants 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. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various Energy systems equipment	1. Suggested to draw all plants layouts and understand the working principle of each component better . 2. Explaining more number of projects related to WIND power generation projects
 Member	 Member	 Coordinator	 HOD	



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SECOND 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. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode to 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 study the significance of each equipment.	1. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various power 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 Waste heat recovery equipment's

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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. Lack of knowledge in the Topics to be selected.	1. Using of different Software's / analytical methods. 2. Referring the different journals published.	1. Topic to be given by the lecturers where the challenging tasks can be performed	1. Real life problems facing with the Mechanical Engineers can be given to the students.
		Sri.R.Mahesh		
Member	Member	Coordinator	HOD	

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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	
2	Sri.D. MERVIN RAJESH	Member	Asst.Professor	
3	Sri NARESH KUMAR YADAV	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. In order to supplement various topics related to energy aspects in class-room 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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