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

Department	Mechanical engineering	Year/Semester	M.Tech.- I semester
Course Name	Introduction to Renewable Energy Systems	Course Code	1899103
		Date	03-04-2022

Committee Members::

S.No	Name	Role	Designation	Signature
1	K. Suresh Kumar	Coordinator	Associate Professor	
2	D. Merwin Rajesh	Member	Assistant Professor	
3.	C. Nagaraja	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 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
 D. Merwin Rajesh Member	 C. Nagaraja Member	 K. Suresh Kumar Coordinator	 Dr. D. Ravikanth HOD Professor & Head	

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering (Renewable energy sources)	Year/Semester	I
Course Name	Measuring control by energy systems	Course Code	1899104
		Date	15-11-21

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri. J.Suresh babu	Coordinator	Asst.Professor	
2	Dr.D.Ravikanth	Member	Professor	
3.	Sri R.Mahesh	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 Internal Examinations.</p> <p>2.To overcome the shortcomings from students' point of view, if any</p>	<p>1. Students want to listen teaching in E-class mode because understand the significance Renewable Energy resources</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students Requested for solar power plant, and hydro power plant visit and study the significance of each equipment.</p>	<p>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</p> <p>2. The related text books and Study materials are given before commencement of topics to be covered.</p>	<p>1. Difficult to understand solar tracking and radiation calculations the components and working principles of plant Equipment</p>	<p>1. Suggested to visit the real projects and get the practical knowledge.</p> <p>2. Explaining more number of projects related to solar and tidal power generation projects</p>
Member	Member	Coordinator		HOD

Professor & head
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FIRST COURSE REVIEW COMMITTEE REPORT PG (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	M.Tech I Semester
Course Name	Solar energy technologies	Course Code	1899105
		Date	13-04-22

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri S.Vijaya Kumar	Coordinator	Assistant Professor	
2	Dr.A.saravankumar	Member	Associate Professor	
3	Sri.P.Sivaseshu	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.Solar power is employed to produce thermal energy to meet direct lighting needs and, potentially, to produce fuels that might be used for transport and other purposes. 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 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

Dr.A. saravankumar Member	Sri. P. Siva Seshu Member	Sri S.Vijaya Kumar Coordinator	Dr. D. Ravikanth Professor & head HOD
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FIRST COURSE REVIEW COMMITTEE REPORT PG (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	M.Tech I Semester
Course Name	Power generation, distribution and transmission	Course Code	1899106
		Date	12-04-22

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri S.Vijaya Kumar	Coordinator	Assistant Professor	
2	Sri. D.Mervin Rajesh	Member	Assistant Professor	
3	Sri.Naresh kumar Yadav	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.The purpose of the Power generation, Distribution and transmission system is the interconnection of the electric energy producing power 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 Basic principles of Power generation. .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 for Power Generation, 2. Due to higher loads during peak hours, transmission lines frequently experience issues..	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

 Sri. D.Mervin Rajesh	 Sri.Naresh kumar yadav	 Sri S.Vijaya Kumar	 Dr. D. Ravikanth
Member	Member	Coordinator	Prof HOD & head



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Department	MECHANICAL ENGINEERING	Year/Semester	M.Tech I Sem
Course Name	ADVANCED POWER PLANT ENGG.	Course Code	1899108

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.RAMAKRISHNA REDDY	Coordinator	Associate Professor	
2	Dr.A.SARAVANKUMAR	Member	Professor	
3	R.MAHESH	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
This course deals with the study & understanding of the total power plant working.	1. Students want to listen teaching in E-class mode because to understand the significance and working of various systems. 2. The concerned faculty identified few of them are not attending regularly. 3. Students are advised to correlate the class room teaching with the working machines present in the labs to understand the working principles clearly.	1. Usage of Power point presentation, cut models, working models present in the labs 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	Difficult to understand the working of some complex power plant systems.	1.Suggested to visit Rayalaseema Thermal Power station to understand the working of different plant systems.
R.Mahesh	Dr. A.Saravan Kumar	R.Ramakrishna Reddy	Dr. D. Ravikanth	
Member	Member	Coordinator	HOD	

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Department	MECHANICAL ENGINEERING	Year/Semester	I/I M.Tech
Course Name	Research Methodology & IPR	Course Code	1899110

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr. P SREENIVAS	Coordinator	Asst Professor	P. Sreenivas
2	Sri R. Mahesh	Member	Asst Professor	R. Mahesh
3	Dr. P. Babu Dharma Lingam	Member	Asst Professor	P. B. Dharma Lingam

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>To understand and apply the concept of research methodology techniques and to evaluate the significance of RM&IPR</p> <p>To check the Uniform Coverage of syllabus according to the Internal Examinations.</p>	<p>1. The concerned faculty identified that few of them are not attending the classes regularly.</p> <p>2. Students requested to visit some you tube lectures , and NPTEL lecture to get more understanding.</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>1. Difficult to teach the concepts and principles ..</p> <p>2. Could not identify properly about the students activity in E- class.</p>	<p>1. Explain more numer of practical examples for better understanding of concepts.</p>

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

Department	MECHANICAL ENGINEERING	Year/Semester	I SEM
		Course Code	1899111
Course Name	Seminar /Industrial visit	Date	15/11/21

Committee Members::

S. No	Name	Role	Designation	Signature
1.	Sri C.Nagaraja	Coordinator	Assistant Professor	
2	Sri S.Mahaboob khan	Member	Assistant Professor	
3	Dr A. Sarvan kumar	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. 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.

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

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
		Course Code	1999102
Course Name	ADVANCED THERMODYNAMICS AND FLUID MECHANICS	Date	15/11/21

Committee Members::

S. No	Name	Role	Designation	Signature
1	B.SRI HARI	Coordinator	Assistant Professor	
2	U.PRADEEP KUMAR	Member	Assistant Professor	
3	Sri D. Merwin Rajesh	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. This course deals with the fundamentals of Thermodynamics including thermodynamic systems and properties,</p> <p>2. The relationships among the thermos-physical properties, the laws of thermodynamics and applications of these basic laws in thermodynamic systems.</p> <p>3. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p>	<p>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.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students requested for local site visit of RTTP to see the actual working of steam turbines and Condensers.</p>	<p>Strength</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>Weakness</p> <p>1. Difficult to derive the Maxwell Equations and problems.</p>	<p>1. Suggested to solve more number of problems related to steam turbines</p> <p>2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.</p>

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

Department	Mechanical engineering	Year/Semester	II / III
		Course Code	2003305
Course Name	Mechanics of materials	Date	15/11/2021

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Assistant Professor	
2	Sri K. Suresh Kumar	Member	Associate Professor	K.Su - b
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 want to listen teaching in E-class mode to understand the significance and fundamentals of Mechanics of materials 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested to visit local STRENGTH OF MATERIALS LAB to study the various properties of the materials.	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of Inversions of Four bar mechanisms 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the free body diagrams and reactions for various structures	1. Suggested to draw the free body diagrams for various types of beams and their reactions at the supports ,shear force and bending moments 2. Explaining more number of problems related to beams and columns.

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

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	ENGINEERING THERMODYNAMICS	Course Code	2003304
		Date	20-01-2022

Committee Members::

S. No	Name	Role	Designation	Signature
1	K. Suresh Kumar	Coordinator	Associate Professor	
2	S. Vijay Kumar	Member	Assistant Professor	
3	Dr. B. Sudarshan	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 RTTP 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 Equations and problems on refrigeration cycles 2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.	

S. Vijay Kumar	Dr. B. Sudarshan	K. Suresh Kumar	Dr. D. Ravikanth
Member	Member	Coordinator	Head

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Department	Mechanical engineering	Year/Semester	III
Course Name	Fundamental of Statics and dynamics	Course Code	2003301

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.A.Saravanakumar/ S.H.C. Venkatesh	Coordinator	Professor /Asst.Professor	
2	SRI.Ijaj ahammed	Member	Asst.Professor	
3	Sri.P.Sivaseshu	Member	Asso.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>2.To overcome the shortcomings from students' point of view, if any</p>	<p>1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Engineering Mechanics</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students Requested to visit local workshops and study the significance of each equipment.</p>	<p>1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of Inversions of Four bar mechanisms</p> <p>2. The related text books and Study materials are given before commencement of topics to be covered.</p>	<p>1. Difficult to understand the components and working principles of Mechanical Equipment</p>	<p>1. Suggested to draw the free body diagrams for various mechanisms and identify the types of pairs present in each mechanism .</p> <p>2. Explaining more number of projects related to mechanics.</p>

Member	Member	Coordinator	HOD Professor & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	II/III
Course Name	MECHANICS OF MATERIALS LAB	Course Code	2003308
			DATE : 15-11-2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI P. SIVASESHU	Coordinator	Assistant Professor	
2	SRI J.SURESH BABU	Member	Asst. Professor	
3	Dr.P.BHANUPRAKASH	Member	Asso. 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 ALL experiments according to the Internal and external 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 manufacturing processes and application of these processes to manufacture various Products. 2. The concerned faculty identified few of them are not attending Regularly. 3. Students requested to arrange for Local industrial visits.	1. Usage of Power point presentation , and YOUTUBE videos for explaining each and every topic. 2. The related subject material 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 handle the results like stress, strain, buckling and fatigue. 2.It is difficult to operate the machines.	1. If available number of new text books and new theoretical available that will be useful to the students. 2.Explaining topics showing photographs and with all Necessary Components.

SRI J.SURESH BABU	Dr.P.BHANUPRAKASH	SRI P. SIVASESHU	Dr. D.RAVIKANTH
Member	Member	Coordinator	Professor & head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	II/III
Course Name	ENVIRONMENTAL SCIENCE	Course Code	20993M1
			DATE : 15-11-2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI P. SIVASESHU	Coordinator	Assistant Professor	
2	SRI R.RAMAKRISHNA REDDY	Member	Asst. Professor	
3	SRI J.SURESH BABU	Member	Asso. 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. Students want to listen teaching in E-class mode because to understand the significance of Material Science engineering 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 subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. By providing video lectures and ppt's may be no problems found from the students	1.If available number of new text books and new theoretical available that will useful to the students.

SRI J.SURESH BABU Member 	SRI R.RAMAKRISHNA REDDY Member 	SRI P. SIVASESHU Coordinator 	Dr. D.RAVIKANTH Professor & head
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	II/III
Course Name	CATIA(SKOC)	Course Code	2003309

Committee Members::

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Assistant .Professor	
2	S. Mahaboob khan	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 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 CATIA V5 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 CATIA V5 more . 2. Explaining the shortcuts and advanced commands
Member	Member	D. Merwin Rajesh Coordinator	HOD Professor & head	

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	FLUID MECHANICS AND HYDRAULICS	Course Code	2003302

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI P.K. CHAITHANYA KANTH REDDY	Coordinator	Assistant Professor	
2	SRI K.SURESH KUMAR	Member	Associate Professor	
3	DR.P BHANU PRAKASH	Member	Associate 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. Students want to listen teaching in E-class mode because to understand the flow of water 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, 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 analyse different Equations. 2. Difficult to remember the concept turbulent flows	1. Suggested to improve the skills in practicing the number of equations.

 SRI K.SURESH KUMAR Member	 DR.P BHANU PRAKASH Member	 SRI P.K. CHAITHANYA KANTH REDDY Coordinator	 SRI DR.D.RAVI KANTH HOD
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical Engineering	Year/Semester	II/III
Course Name	Manufacturing Process	Course Code	2003303
		Date	20-01-2022

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri A.Harikrishna	Coordinator	Assistant Professor	
2	Sri.B.Srihari	Member	Assistant Professor	
3	Sri.C.Nararaja	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To assess the importance of this topic as PCC 2. To verify that the course is uniformly covered for internal exams. 3. To address any issues from the perspective of the students .	1. Students want to hear lectures in the online classroom so they can comprehend the importance of different manufacturing processes, their operating principles, and how to apply them to the production of different products. 2. The concerned faculty identified few of them are not attending regularly. 3. Few of them were identified by the concerned faculty as not attending frequently.	1. Powerpoint presentations, tablets, NPTEL, and YouTube videos are used to explain every subject. 2. Before the start of class, the relevant text books, solved problems, and digital notes are sent. 3. Course material/handouts are supplied to the students before/after the class	1 Some of the pupils are having trouble figuring out welding and foundry-related issues.	1. It is advised to attempt more GATE/IES exam-related problems and questions.

Sri.B.Srihari	Sri.C.Nararaja	Sri A.Harikrishna	Dr. D. Ravikanth
Member	Member	Coordinator	Professor/HOD Head



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Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	FLUID MECHANICS AND HYDRAULIC MACHINERY LAB	Course Code	2003306

Committee Members:

S. No	Name	Role	Designation	Signature
1	SRI P.K.CHAITHANYA KANTH	Coordinator	Assistant Professor	
2	SRI P. SIVA SESHU	Member	Assistant Professor	
3	SRI J. SURESH BABU	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 Machines and Turbines. 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 get accurate readings due to errors in instruments.	1.They are designed and built to enhance measurement accuracy and to reduce measurement uncertainty. 2 Fluid mechanics and Hydraulic machinery labs are guaranteed to have personal with the highest level of technical competence.

SRI P. SIVA SESHU	SRI J. SURESH BABU	SRI P.K.CHAITHANYA KANTH	DR.D. RAVI KANTH
Member	Member	Coordinator	Professor & head

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

Department	MECHANICAL ENGINEERING	Year/Semester	I/ II
Course Name	MANUFACTURING TECHNOLOGY LAB	Course Code	2003307

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr. P.Sreenivas	Coordinator	Assistant Professor	
2	C. Naga raja	Member	Assistant Professor	
3	Dr. P.BHANU PRAKASH	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 complicate 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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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	III/ V
		Course Code	1803501
Course Name	HEAT TRANSFER	Date	04/01/22

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri C.NAGARAJA	Coordinator	Assistant Professor	
2	Sri R. Rama Krishna Reddy	Member	Associate Professor	
3	Sri A. Hari Krishna	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. This course deals with the fundamentals of Heat transfer including systems and properties,</p> <p>2. The relationships among the modes of heat transfer, the laws of heat transfer and applications of these basic laws in heat transfer</p> <p>3. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p>	<p>1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices anCourse Code 1803501 transfed application of the heat transfer laws to various engineering devices.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students requested for local site visit of RTTP to see the actual working of Evaporator's and Condensers.</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. Difficult to derive the convection Equations and problems.</p>	<p>1.Suggested to solve more number of problems related to three dimensional problem of conduction</p> <p>2. More emphasis on applying laws heat transfer to different engineering devices to evaluate their performance under different conditions.</p>

Member	Member	Coordinator	Professor & Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	III/ V
Course Name	DME-I	Course Code	1803502
		Date	15-11-2021

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 Professor & head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	III / V
Course Name	Thermal Engineering Lab	Course Code	1803513
		Date	22-10-2021

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 have to conduct tests on computerized engines so that they can plot P-Theta diagram and can calculate more number of engine performance parameters.	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. As the engines are getting old, students are unable to conduct performance tests on the engines at full load conditions	1 Suggested to replace Rope Brake, Belt Brake and Hydraulic dynamometers with Eddy current Dynamometers so that they can vary load from no load to full load 2.Suggested to develop virtual mode lab
 S. Vijay Kumar Member	 D. Merwin Rajesh Member	 K. Suresh Kumar Coordinator	 Dr. D. Ravikanth Professor & Head	



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

Department	Mechanical engineering	Year/Semester	III/V
Course Name	MECHANICAL ENGINEERING LAB (CAD LAB)	Course Code	1803514

Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt. E.REDDY GOWTHAMI	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 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
 SRI S. VIJAY KUMAR	 SRI B. SRIHARI	 Smt. E.REDDY GOWTHAMI	 DR. D. RAVI KANTH	
Member	Member	Coordinator	Head	

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

Department	Mechanical engineering	Year/Semester	IV/VII
Course Name	CAD/CAM	Course Code	1803701

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 Mohammed	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 understand the significance and fundamentals of CAD/CAM 2. The concerned faculty identified few of them are not practicing problems and assignments regularly.	1.Usage of Power point presentation , and YOUTUBE videos for explaining the different real time layouts in industry 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand matrix and related problems	1. Suggested to understand the basics in advanced manufacturing process. 2. Explaining more number matrix problems

Member	Member	Coordinator	HOD

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

Department	Mechanical Engineering	Year/Semester	III / V
Course Name	Additive Manufacturing	Course Code	1803512
		Date	15-11-2021

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.B.Sudharshan	Coordinator	Asso.Professor	
2	Sri.S.Mahaboobkhan.	Member	Assistant Professor	
3.	Sri.A.Harikrishna	member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as PEC. 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 wants to listen teaching in E-class mode because understand the significance and working principles of automation and robotics. 2. The concerned faculty identified, few of them are not attending online classes regularly. 3.Students Requested for site visit and study the significance of Project Planning	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before commencement of topics to be covered. 3. Course material/handouts are given before/after class.	1. Difficult to understand the components and working principles of automation and robotics 2. Difficult to Understand the Manipulator Kinematics, D-H notation joint coordinates and world coordinates in robotics actuators	1. Explaining topics showing photographs and with all necessary components. 2. To create a real time mini Project for actuator for easy understanding of students. 3. Explain many types of sensors and actuator with real time application.

Member	Member	Coordinator	HOD Professor & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical Engineering	Year/Semester	III/V
Course Name	Automobile Engineering (Professional Elective -I)	Course Code	1803506
		Date	15-11-2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri A.Harikrishna	Coordinator	Assistant Professor	
2	Sri.B.Srihari	Member	Assistant Professor	
3	Sri.D.Mervin Rajesh	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To assess the importance of this topic as PCC 2. To verify that the course is uniformly covered for internal exams. 3. To address any issues from the perspective of the students .	1. Students want to hear lectures in the online classroom so they can comprehend the importance of different manufacturing processes, their operating principles, and how to apply them to the production of different products. 2. The concerned faculty identified few of them are not attending regularly. 3. Few of them were identified by the concerned faculty as not attending frequently.	1. Power point presentations, tablets, NPTEL, and YouTube videos are used to explain every subject. 2. Before the start of class, the relevant text books, solved problems, and digital notes are sent. 3. Course material/handouts are supplied to the students before/after the class	1 Some of the pupils are having trouble figuring out welding and foundry-related issues.	1. It is advised to attempt more GATE/IES exam-related problems and questions.

Sri.B.Srihari	Sri.D.Mervin Rajesh	Sri A.Harikrishna	Dr. D. Ravikanth
Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	III/ V
Course Name	METROLOGY	Course Code	1803503

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr. P SREENIVAS	Coordinator	Associate Professor	P. Sreenivas
2	Sri J SURESH BABU	Member	Assistant Professor	Suresh
3	P. SIVA SESHU	Member	Assistant Professor	Siva

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. Instruments thought in the class should be showed realistically to the students for easy understanding. 2. The students should know to use the instruments 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 Instruments are used in Industries, need to visit the industry which have the new technology used for inspection.	1. Need to visit the Nearest Industry which uses the New technology for Inspection.

Member	Member	Coordinator	Prof HOD & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	V SEM
Course Name	DYNAMICS OF MACHINERY	Course Code	1803504

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.Ramakrishna Reddy	Coordinator	Associate Professor	
2	B.Sreehari	Member	Assistant Professor	
3	A.Harikrishna	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
This course deals with the study of the relative motion between the components of machines and the forces which act on those components.	1. Students want to listen teaching in E-class mode because to understand the significance and working of various mechanisms. 2. The concerned faculty identified few of them are not attending regularly. 3. Students are advised to correlate the class room teaching with the working machines present in the labs to understand the working principles clearly.	1. Usage of Power point presentation, cut models, working models present in the labs 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 understand the derivations and problems especially Gyroscope working.	1. Suggested to solve more number of problems . 2. Advised to follow the working of Gyroscopic unit in the lab and try to do different types of experiments on Gyroscopic unit.
 A.Harikrishna Member	 B.Sreehari Member	R.Ramakrishna Reddy Coordinator		 Dr. D. Ravikanth HOD



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FIRST COURSE REVIEW COMMITTEE REPORT UG (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV B.Tech VII Semester
Course Name	Finite Element Methods	Course Code	1803702
		Date	15-11-2021

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To Understand the mathematical and physical principles the Finite Element Method (FEM) as applied to solid mechanics structural, thermal, dynamic problem to develop the knowledge and finite element analyses. 2..To check the Uniform Coverag of syllabus according to the Internal Examinations. 3.To overcome the shortcomings from students' point of view, if any	1. Typical problem areas of interest include the structural analysis, heat transfer, fluid flow, mass transport, and electromagnetic potential. Students wants to listen teaching in E-class mode because of understanding fundamentals of finite element analysis 2. The concerned faculty Identified few of them are not attending regularly. 3.Students Requested for study 1-D problems such as Bars and Beams	1. Excels the modeling inhomogeneous or complex materials. Modeling problems that combine small Detailed Geometries with Larger objects. The related text books, solved problems and digital notes are sent before the commencing the class. 2.Course material/handouts are supplied to the students before/after the classUsage of Power Point Presentation and YouTube videos for Solving complex problems 3. The related text books are Refer before commencement of topics to be covered.	1.Absorbing boundary Required for modeling unbounded Problems. Difficult to modeling thin Wires Accurately 2. Difficult to understand the nodal points and Load acting on the intricate structure Domine 3.Difficult to Identify the Boundary conditions for Complex model shapes	1.To Understand the Formulation Techniques and General procedure of solving the problem by the Elimination Approach Suggested to solve more number of problems related to structural members. 2. Explaining How to Overcome Difficulties to solve the Problem of Displacements and Reactions on the given Structure 3. Prepare connectivity table including the different Loads acting on the given structure

 Dr. Dharnalingam Babu Member	 Dr.P.Bhanu prakash Member	 Sri S.Vijaya Kumar Coordinator	 Dr. D. Ravikanth HOD
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	IV/VII
Course Name	QUALITY ENGINEERING MANAGEMENT	Course Code	1803703
			15-11-2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI P. SIVASESHU	Coordinator	Assistant Professor	
2	SRI R. MAHESH	Member	Asst. Professor	
3	Dr. DHARMALINGHAMBABU	Member	Asso. 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. Students want to listen teaching in E-class mode because to understand the significance of Material Science engineering 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 subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Some of the students are facing problem to solve problems related to quality engineering methods	1. If available number of new text books and new theoretical available that will be useful to the students. 2. Explaining topics showing photographs and with all Necessary Components.
 Dr. DHARMALINGHAMBABU Member	 SRI R. MAHESH Member	SRI P. SIVASESHU Coordinator 	Dr. D. RAVIKANTH HOD Professor & Head Department of Mechanical Engineering K.S.R.M. College of Engineering KADAPA - 516 003.	



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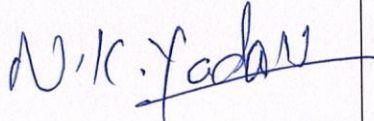
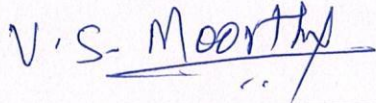
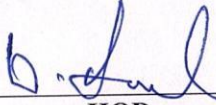
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical Engineering	Year/Semester	IV/ VII
Course Name	Production and Operations Management	Course Code	1803704
		Date	04-01-22

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. V. Saitya moorthy	coordinator	Associate professor	V.S. Moorthy
2	Sri.P. Sivaseshu	member	Assistant professor	Sh
3	Sri. Naresh kumar yadav	member	Assistant professor	N.K. Yadav

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as PEC. 2. To check the Uniform Coverage of syllabus according to the Internal Examinations.	1. Students wants to listen teaching in E-class mode because understand the significance and working principles of production processes.	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the components and working principles of production 2. Difficult to Understand the	1. Explaining topics showing photographs and with all necessary components. 2. To create a

<p>3.To overcome the shortcomings from students' point of view, if any</p>	<p>2. The concerned faculty identified, few of them are not attending online classes regularly. 3.Students Requested for site visit and study the significance of Production processes</p>	<p>2. The related text books, solved problems and digital notes are sent before commencement of topics to be covered. 3. Course material/handouts are given before/after class.</p>	<p>objectives of management operations,. 3. lack of practical exposure related to industrial concepts.</p>	<p>real time mini Project on production processes for easy understanding of students. 3. To implement the concepts of I.I.I(Industry, Institution, Interaction)</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Sri.P. Sivaseshu</p>	<p>Sri. Naresh kumar yadav</p>	<p>Dr. V. Saitya moorthy</p>	<p>Dr.D.Ravikanth</p>	

Professor & Head
Department of Mechanical Engineering
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	IV/VII
Course Name	INDUSTRIAL SAFETY AND MANAGEMENT	Course Code	1803710
			DATE:15-11-2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI P. SIVASESHU	Coordinator	Assistant Professor	
2	Dr .D.RAVIKANTH	Member	Asst. Professor	
3	Dr.A.SARAVANA KUMAR	Member	Asso. 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. Students want to listen teaching in E-class mode because to understand the significance and working principles of various manufacturing processes and application of these processes to manufacture various Products. 2. The concerned faculty identified few of them are not attending Regularly. 3. Students requested to arrange for Local industrial visits.	1. Usage of Power point presentation , and YOUTUBE videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Some of the students are facing problem to understanding the topics related to other branches because its open elective course	1 .If available number of new text books and new theoretical available that will useful to the students. 2.Explaining topics showing photographs and with all Necessary Components.
 Dr .D.RAVIKANTH Member	 Dr.A.SARAVANA KUMAR Member	 SRI P. SIVASESHU Coordinator	 Dr. D.RAVIKANTH Professor & Head	



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FIRST COURSE REVIEW COMMITTEE REPORT UG (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV B.Tech VII Semester
Course Name	Smart materials	Course Code	1803711
		Date	

Committee Members:

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1.To understand the Concept of the Various Smart Materials and Models of Different Types of Smart Materials</p> <p>2.To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>3. To understand the principles and Essential Characteristics of Fiber-Optics Materials</p>	<p>1. Students want to listen teaching in E-class mode because to understand the Concepts of Memory Materials in Advanced Technology</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students requested visit some you tube lectures , and NPTEL lecture to get more understanding the Subject</p>	<p>1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic.</p> <p>2. The related lab manuals and digital notes are sent before the commencing the class.</p> <p>3. The related text books are Refer before commencement of topics to be covered</p>	<p>2.Could not identify properly about the students activity in E- class,</p> <p>2. Smart materials can be difficult to stabilize for repeatability, they can be slower and weaker than conventional actuators and sensors,</p> <p>3. Their performance can diminish over time, they may be difficult to control and they can be expensive.</p>	<p>1. The hidden face of this progress lies in advances of similar speed and importance in "smart materials".</p> <p>2. The analysis, design and ingenuity put into this field have made it possible to develop a family these materials</p>

Sri.P. Sivaseshu		Sri S. Vijaya Kumar		Dr. D. Ravikhanth
Member	Member	Coordinator	Coordinator	HOD Professor & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	QUANTITATIVE ANALYSIS FOR BUSSINESS DECISIONS	Course Code	180E305
		Date	15-11-2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr. D. Ravikanth	Coordinator	Professor	
2	Dr.P.Bhanu prakash	Member	Asso Professor	
3	Dr.DharnalingamBabu	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1) Demonstrate the wide range of situations in which quantitative analysis improves decision making and creates competitive advantages; 2) Develop students' analytical thinking skills. 3) Develop mastery of analysis using spreadsheet models, and effective communication of results.	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 RTTP 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. Lectures in the classroom. 3. Readings from textbook and other assigned materials. 4. Course Projects. 5. Quizzes/exams.	1. The course covers origin and application of OR, 2. Linear Programming Method, 3. Decision Theory and queuing theory. These concepts help the student in taking decisions for business.	Suggested to more concentration on this topics 1. Linear programming. This technique basically helps in maximizing an objective under limited resources. ... 2. Probability decision theory. ... 3. Game theory. ... 4. Queuing theory. ... 5. Simulation. ... 6. Network techniques.

 Dr.P.Bhanu prakash	 Dr.DharnalingamBabu	 Dr. D. Ravikanth	 Dr. D. Ravikanth
Member	Member	Coordinator	HOD

HOD
Professor & Head
Department of Mechanical Engineering
K.S.R.M. College of Engineering
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	IV/VII
Course Name	ENTERPRENEURSHIP	Course Code	180E306

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri. D. Merwin Rajesh	Coordinator	Assistant Professor	
2	Sri. A. Hari Krishna	Member	Assistant Professor	
3.	Sri. S. Mahaboob khan	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. The concerned faculty identified few of them are not attending regularly. 2. Students are advised to study real entrepreneur case study .	1.Usage of Power point presentation , and YOUTUBE videos for explaining the various parts in Automobile 2. The related text books and Study materials are given before commencement of topics to be covered.	1.as it is open elective outer department students has to understand few terms related to industry	1. Suggested to do follow the real time entrepreneurs behavior aspects .

Sri. A. Hari Krishna	Sri. S. Mahaboob khan	D. Merwin Rajesh	Sri. Dr. D. Ravikanth
Member	Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	IV/VII
		Course Code	1803714
Course Name	METROLOGY LAB	Date	15/11/21

Committee Members::

S. No	Name	Role	Designation	Signature
1	C.NGARAJA	Coordinator	Asst.Professor	
2	S.VIJAYA KUMAR	Member	Asst.Professor	
3	B.SRI HARI	Member	Asst.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 get accurate readings due to errors in instruments. 2 Metrology labs are guaranteed to have personal with the highest level of technical competence.	1.They are designed and built to enhance measurement accuracy and to reduce measurement uncertainty. 2 Metrology labs are guaranteed to have personal with the highest level of technical competence.

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

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
		Course Code	1803715
Course Name	I & CS LAB	Date	15/11/2021

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri B.SRI HARI	Coordinator	Assistant Professor	
2	Sri A.Saravan Kumar	Member	Professor	
3	Sri P.Siva Seshu	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To provide accuracy at minimum cost.	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 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 get accurate readings due to errors in instruments. 2.Unfortunately ICS Components are not secure by design, these components must work all the time in a protected environment otherwise they don't have mitigation measures.	1.Because of the number of processes involved in modern machines, accurate instrumentation is needed to ensure that everything is operating properly.

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

Department	MECHANICAL ENGINEERING	Year/Semester	VII
Course Name	MINOR PROJECT	Course Code	1803716
		Date	15-11-2021

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.

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

Department	Mechanical engineering	Year/Semester	VII
Course Name	Introduction to Ansys	Course Code	1803717
			Date:15-11-2021

Committee Members::

S.No	Name	Role	Designation	Signature
1	U.Pradeep Kumar	Coordinator	Asst.Professor	
2	D.Mervin Rajesh	member	Assistant Professor	
3.	Naresh kumar yadav	member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To verify the Uniformity in the 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 to understand the significance of ansys 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for the practice of exercises beyond syllabus and requires more practice sessions	1.Usage of Power point presentation , Pen tablet and YOUTUBE videos for explaining the various types of components in ansys 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to remember all the commands of the software ansys	1. Suggested to get more practical sessions practical knowledge. 2. Explaining more number of projects related to Ansys
Member	Member	Coordinator		HOD

Professor & head
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