



Department of Mechanical Engineering
K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	B.Tech. II/ III
Course Name	Manufacturing Process	Course Code	1803304

Committee Members::

S.No	Name	Role	Designation	Signature
1	K. SURESH KUMAR	Coordinator	Associate Professor	
2	Dr. D. RAVIKANTH	Member	Professor & HOD	
3	S. VIJAYAKUMAR	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. 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, 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. Some of the students are facing problem to solve problems related to welding and foundry.	1. Suggested to solve more number of problems/questions related to GATE/IES examinations

Member	Member	Coordinator	Professor & Head HOD



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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	B.Tech. II / III
Course Name	Manufacturing Process	Course Code	1803304

Committee Members::

S.No	Name	Role	Designation	Signature
1	K. SURESH KUMAR	Coordinator	Associate Professor	
2	Dr. D. RAVIKANTH	Member	Professor & HOD	
3	S. VIJAYAKUMAR	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 to arrange some more industrial visits and provide internships.	1. QUIZ questions related to welding operations, foundry 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 still facing problem to solve problems related to welding and foundry with in the stipulated time.	Suggested to have continuous interaction with local industries to exchange the knowledge in latest developments.

Member	Member	Coordinator	Professor & Head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-2021

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	MATERIAL SCIENCE ENGINEERING	Course Code	1803306

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI T.V.S.S.N.MURTHY	Coordinator	Associate Professor	
2	SRI S.VIJAY KUMAR	Member	Associate Professor	
	Dr.B. SUDHARSHAN	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 significance of Material Science engineering 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	1. Difficult to remember Various methods of calculating the stresses and structural beams.	1. Suggested to improve the skills in applied Mechanics 2. More emphasis on Various methods of Calculating the stresses.

 Dr.B. SUDHARSHAN	 SRI S.VIJAY KUMAR	 SRI T.V.S.S.N.MURTHY	 Dr. D. Ravikanth
Member	Member	Coordinator	Professor & Head

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / III
Course Name	MATERIAL SCIENCE ENGINEERING	Course Code	1803306

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI T.V.V.S.N.MURTHY	Coordinator	Associate Professor	J Murthy
2	SRI S.VIJAY KUMAR	Member	Associate Professor	S. Vijay Kumar
3	DR.B. SUDHARSHAN	Member	Associate Professor	Dr. B. Sudharshan

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 stress, strain, beams, and columns 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 on Beams ,columns and Shafts.	1. To overcome the weaknesses, suggested to practice more on the concept of beams.

Dr. B. Sudharshan Member	S. Vijay Kumar Member	J Murthy Coordinator	HOD Professor & head
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	II /III
Course Name	THERMODYNAMICS	Course Code	1803307

Committee Members::

S.No	Name	Role	Designation	Signature
1	U.PRADEEP KUMAR	Coordinator	Assistant Professor	
2	K. SURESH KUMAR	Member	Associate Professor	
3	P.K. CHAITANYAKANTH REDDY	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. Therelationships 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>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 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>

k.Sureshkumar	P.K.Chaitanyakanth Reddy	U.Pradeepkumar	Dr. D. Rajendra Prasad
Member	Member	Coordinator	HOD

Professor & head
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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / III
Course Name	THERMODYNAMICS	Course Code	1803307

Committee Members::

S.No	Name	Role	Designation	Signature
1	U.PRADEEP KUMAR	Coordinator	Assistant Professor	
2	K. SURESH KUMAR	Member	Associate Professor	
3	P.K. CHAITANYAKANTH REDDY	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 various processes in thermodynamics and cycles 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>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.</p>	<p>1. To overcome the weaknesses, suggested to visit nearby Thermal Power station (RTPP, Muddanur) during maintenance period of the plant.</p>

K.Sureshkumar	P.K.Chaitanyakanth Reddy	U.Pradeepkumar	Dr. D. Ravikanth
Member	Member	Coordinator	PHOD

PHOD
 Professor & Head
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	Material Science Mechanics of Solids Lab	Course Code	1803308

Committee Members::

S. No	Name	Role	Designation	Signature
1	A.PRAVEEN KUMAR REDDY	Coordinator	Assistant Professor	<i>A. Praveen</i>
2	P. SIVASESHU	Member	Assistant Professor	<i>P. Sivaseshu</i>
3	J. SURESH BABU	Member	Assistant Professor	<i>J. Suresh Babu</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. The objective of a Materials Engineer is to predict and control material properties through an understanding of atomic, molecular, crystalline, and microscopic structures of engineering materials.</p> <p>2. The objective is to learn the fundamental concepts of stress, strain, and deformation of solids with applications to bars, beams, and columns</p> <p>3. To overcome the shortcomings from students point of view, if any.</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 applications.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</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. Course material/handouts are supplied to the students before/after the class</p>	<p>1. It is very difficult to handle the instruments like microscope.</p> <p>2. It is difficult to operate the machines.</p>	<p>1. Because of the number of processes involved in modern machines, accurate equipments is needed to ensure that everything is operating properly.</p>
P. Sivaseshu Member	J. Suresh babu Member	A. Praveen kumar reddy Coordinator		Dr. D. Ravikanth HOD Professor & head



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / III
Course Name	Material Science Mechanics of Solids Lab	Course Code	1803308

Committee Members::

S.No	Name	Role	Designation	Signature
1	A.PRAVEEN KUMAR REDDY	Coordinator	Associate Professor	
2	P. SIVASESHU	Member	Associate Professor	
3	J. SURESH BABU	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 because to understand the significance and working principles of various engineering devices and applications.</p> <p>2. The concerned faculty identified few of them are not attending regularly</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. Course material/handouts are supplied to the students before/after the class.</p>	<p>1.It is very difficult to handle the instruments like microscope.</p> <p>2.It is difficult to operate the machines .</p>	<p>1.Because of the number of processes involved in modern machines, accurate equipment's is needed to ensure that everything is operating properly .</p>

			Dr. D. Ravikanth
P. Sivaseshu Member	J. Suresh babu Member	A.Praveen kumar reddy Coordinator	HOD Professor & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	III/V
Course Name	DESIGN OF MACHINE ELEMENTS	Course Code	183502

S. No	Name	Role	Designation	Signature
1	R. RAMAKRISHNA REDDY	Coordinator	Associate Professor	
2	J.SURESH BABU	Member	Assistant Professor	
3	Dr.P.BHANU PRAKASH	Member	Associate Professor	

Committee Members::

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.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and design concepts. 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, solved problems and digital notes are sent before the commencing the class.	Difficult to follow Design Data book.	.Suggested to solve more number of problems so that student get acquainted with data book and can able to solve problems easily.

Member	Member	Coordinator	HOD

Professor & Head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	III/V
Course Name	DESIGN OF MACHINE ELEMENTS	Course Code	183502

Committee Members::

S.No	Name	Role	Designation	Signature
1	R. RAMAKRISHNA REDDY	Coordinator	Associate Professor	
2	J.SURESH 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 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.	1. QUIZ questions related to simple bending torsion are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Difficulty in solving Problems	Suggested to solve more number of problems so that student gets acquainted with data book and can able to solve problems easily.

Member	Member	Coordinator	Professor & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	METROLOGY	Course Code	1503702

Committee Members:

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	P.Sreenivas
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	SUN
3.	SRI P.SIVA SESHU	Member	Asst.Professor	Sy

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
³ 1.To provide accuracy at minimum cost. 2. Maintenance of the accuracy of measurement. 3.Determination of process capabilities	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 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.Weak values and measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly increased in range of possible measurements out comes.	1.Effective use of data to drive decision making requires adequate measurements systems.

SUN	Sy	P.SREENIVAS	Sy
Member	Member	Coordinator	HOD

Professor & Head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	METROLOGY	Course Code	1503702

Committee Members:

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	P.Sreenivas
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	SMK
3.	SRI P.SIVA SESHU	Member	Asst.Professor	SPS

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To provide accuracy at minimum cost. 2. Maintenance of the accuracy of measurement.	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 subject material 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. Weak values and measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly increased in range of possible measurements out comes.	1. Effective use of data to drive decision making requires adequate measurements systems.

Member	Member	Coordinator	HOD
		P.Sreenivas	Professor & head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	I & CS LAB	Course Code	1503715

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	<i>P.Sreenivas</i>
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	<i>SKM</i>
3.	Dr.DHARMALINGAM BABU	Member	Asst.Profesor	<i>babu</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To provide accuracy at minimum cost.</p> <p>2. To select proper measuring instrument and know requirement of calibration, errors in measurements.</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 applications.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</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. Course material/handouts are supplied to the students before/after the class</p>	<p>1. It is very difficult to get accurate readings due to errors in instruments.</p> <p>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.</p>	<p>1. Because of the number of processes involved in modern machines, accurate instrumentation is needed to ensure that everything is operating properly.</p>

<i>SKM</i>	<i>babu</i>	<i>P.Sreenivas</i>	<i>P. Sreenivas</i>
Member	Member	Coordinator	Professor & Head

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	I & CS LAB	Course Code	1503715

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	P.Sreenivas
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	Sri S. Mahabob Khan
3.	Dr.DHARMALINGAM BABU	Member	Asst.Professor	Dr. Dharmalingam Babu

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To provide accuracy at minimum cost. 2. To select proper measuring instrument and know requirement of calibration, errors in measurements.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation , and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/hand-outs are supplied to the students before/after the class	1. It is very difficult to 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	HOD & Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	III / V
Course Name	METROLOGY	Course Code	183503

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	
2	SRI S. MAHABOOB KHAN	Member	Asst.Professor	
3	P.SIVA SESHU	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To provide accuracy at minimum cost. 2.Maintainance of the accuracy of measurement.	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 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.Weak values and measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly increased in range of possible measurements out comes.	1.Effective use of data to drive decision making requires adequate measurements systems.
Member	Member	Coordinator		Coordinator



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	III / V
Course Name	METROLOGY	Course Code	183503

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	P. Sreenivas
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	[Signature]
3.	SRI P. SIVA SESHU	Member	Asst. Professor	[Signature]

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To provide accuracy at minimum cost. 2.Maintainance of the accuracy of measurement.	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 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.In adequate measurement systems may result in appropriate signals or even verse that fail to detect important process changes.	1.Effective use of data to drive decision making requires adequate measurements systems.

[Signature]	[Signature]	P. Sreenivas	[Signature]
Member	Member	Coordinator	Professor & head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S. No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	
2	R. RAMAKRISHNA REDDY	Member	Associate Professor	
3	K. SURESH KUMAR	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. It is quite difficult to solve the Derivations for Governor's. 2. Difficult to understand the brakes and dynamometers problems. 3. Virtual view of the theory thought can be helpful for understanding the subject.	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 understand the topics of vibrations.	1. Suggested to solve more number of problems related to Vibrations. 2. To minimize the problem of subject the virtual view of model need to brought.

Member	Member	Coordinator	HOD Professor & head

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Department	Mechanical engineering	Year/Semester	III / V
Course Name	DYNAMICS OF MACHINERY	Course Code	1803504

Committee Members::

S.No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	
2	R. RAMAKRISHNA REDDY	Member	Associate Professor	
3	K. SURESH KUMAR	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 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. Assignments are given related to the problems having more difficulties. 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 the equations thought in the class but not in the real life.	1. To overcome the weaknesses, suggested to visit the lab for the easy understandings.

Member	Member	Coordinator	Professor & head HOD

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	III/V
Course Name	Automobile Engineering	Course Code	1803506

Committee Members::

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Assistant Professor	
2	A. Hari Krishna	Member	Assistant Professor	
3.	B. Sri Hari	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 Requested for Automobile manufacturing plant visit and study the significance of each components.	1.Usage of Power point presentation, Pen tablet 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.Difficult to understand integrated working of different components in a Automobile Engine	1. Suggested to do the real time projects and get the practical knowledge. 2. Explaining more number of projects related to automobile design and parts

 A. Hari Krishna Member	 B. Sri Hari Member	 D. Merwin Rajesh Coordinator	 Dr. D. Ravikanth HOD Professor & head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	III/V
Course Name	Automobile Engineering	Course Code	1803506

Committee Members::

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Assistant Professor	
2	A. Hari Krishna	Member	Assistant Professor	
3.	B. Sri Hari	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 Requested for Automobile manufacturing plant visit and study the significance of each components.	1.Usage of Power point presentation, Pen tablet 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.Difficult to understand integrated working of different components in a Automobile Engine.mechanism	1. Suggested to do the real time projects and get the practical knowledge. 2. Explaining more number of projects related to advanced automobile engines and new technologies related

A. Hari Krishna	B. Sri Hari	D. Merwin Rajesh	Dr. D. Ravikanth
Member	Member	Coordinator	HOD Professor & head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	III / V
Course Name	Additive Manufacturing	Course Code	1803512

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.P.K.Chaitanya kanth reddy	coordinator	Associate professor	
2	Dr.B.Sudharshan	member	Associate professor	
3	Sri.U.Pradeep Kumar	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.	1. Students wants to listen teaching in E-class mode because understand the significance and working principles of automation and robotics.	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the components and working principles of automation and robotics 2. Difficult to Understand the Manipulator Kinematics,	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 Project Planning</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>D-H notation joint coordinates and world coordinates in robotics actuators</p>	<p>real time mini Project for actuator for easy understanding of students. 3. Explain many types of sensors and actuator with real time application. 3. Prepare a prototype</p>
<p><i>Dr. B. Sudharshan</i> Member Dr.B.Sudharshan</p>	<p><i>U. Pradeep Kumar</i> Member Sri.U.Pradeep Kumar</p>	<p><i>Sri.P.K.Chaitanya kanth reddy</i> Coordinator Sri.P.K.Chaitanya kanth reddy</p>	<p><i>Dr. D. Ravikanth</i> HOD Dr. D. Ravikanth</p>	

Professor & Head
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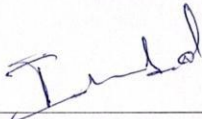


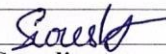
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	III / V
Course Name	Mechanical Engg Lab (CAD Lab)	Course Code	1803514

Committee Members::

S.No	Name	Role	Designation	Signature
1	J.Suresh babu	coordinator	Associate professor	
2	Sri.D.Mervin Rajesh	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 Internal Examinations. 2.To overcome the shortcomings	1. Students want to listen teaching in E-class mode because understand the significance and working principles of automation and robotics.	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the so many commands and practice methods . 2. Few of the students are facing problems in CAD.	1. Suggested to draw basic components more. 2. Explaining the shortcuts and advanced commands .

<p>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 Project Planning</p>	<p>2. The related text books, solved problems and digital notes are sent before commencement of topics to be covered. 3. Quiz Questions related to CAD lab 4. Study materials –soft copy of commands used in CAD 5 More practice hours.</p>		
				
<p>Member</p>	<p>Member</p>	 <p>Coordinator</p>	<p>HOD Professor & Head</p>	

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Department	Mechanical Engineering	Year/Semester	III / V
Course Name	Socially Relevant Project	Course Code	1803515

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr..DharmalingamBabu	coordinator	Associate professor	
2	Dr.P.Sreenivas	member	Associate professor	
3	Sri.P.Sivaseshu	member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as PEC.	1. Students wants to do the projects in proto type model so that it will be easy for them to give a demo which will be helpful for society.	1. Usage of advanced means such as YOUTUBE videos for doing the practical and prototype models.	1. Difficult to understand the components and working principles.	1. Explaining the live projects ,videos, showing photographs and with all necessary components.

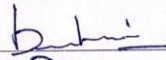
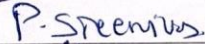

<p>2. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>3.To overcome the shortcomings from students' point of view, if any</p>	<p>2. The concerned faculty identified, few of them are not attending online classes regularly.</p> <p>3.Students Requested for site visit and study the significance of Project Planning</p>	<p>2. The related text books, and digital notes are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>2. Difficult to Understand the key fabrication works.</p> <p>3. Expressing difficulty in assembling and manufacturing some critical parts in the project.</p>	<p>2. To create a real time mini Projects for easy understanding of students.</p> <p>3. Explain many types of real time applications to prepare the models.</p>
<p><i>P. Sreenivas.</i></p>	<p><i>[Signature]</i></p>	<p><i>[Signature]</i></p>	<p><i>[Signature]</i></p>	
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Dr.P.Sreenivas</p>	<p>Sri.P.Sivaseshu</p>	<p>Dr..DharmalingamBabu</p>	<p>Dr.D.Ravikanth</p>	

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	III / V
Course Name	Socially Relevant Project	Course Code	1803515

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr..DharmalingamBabu	coordinator	Associate professor	
2	Dr.P.Sreenivas	member	Associate professor	
3	Sri.P.Sivaseshu	member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To over come the shortfalls that arises in between first and second review. 2. To check the Uniform	1. Students express their difficulty in some technical issues while doing the projects in practical. 2. The concerned faculty identified, few of them are not attending online classes regularly.	1. strong technical support with eminent technical persons are identified 2. The related text books, and digital notes are sent before commencement of topics to be covered.	1. Needs proper documentation to complete the projects. 2. Difficult to Understand the key fabrication works.	1. Faculty are involved practically in fabrication work and provide support in all technical issues. 2. To create a real time mini

<p>Coverage of syllabus according to the Internal Examinations.</p> <p>3.To overcome the shortcomings from students' point of view, if any</p>	<p>3.Students Requested for site visit and study the significance of Project Planning</p>	<p>3. Course material/handouts are given before/after class.</p>	<p>3. Expressing difficulty in assembling and manufacturing some critical parts in the project.</p>	<p>Projects for easy understanding of students.</p> <p>3. Explain many types of real time applications to prepare the models.</p>
<p><i>P. Sreenivas</i></p>	<p><i>Shs</i></p>	<p><i>b...</i></p>	<p><i>W. D. Ravikanth</i></p>	
<p>Member Dr.P.Sreenivas</p>	<p>Member Sri.P.Sivaseshu</p>	<p>Coordinator Dr..DharmalingamBabu</p>	<p>HOD Dr.D.Ravikanth</p>	

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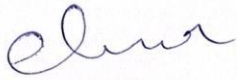
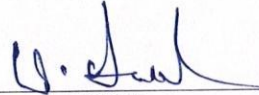
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	III / VII
Course Name	CAD/ CAM	Course Code	1503701

Committee Members::

S.No	Name	Role	Designation	Signature
1	P.K.Chaitanyakanth Reddy	coordinator	Associate professor	
2	Sri.U.Pradeep Kumar	member	Assistant professor	
3	Sri..Ijjahammed	member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as PEC.	1. More time is to be allotted for Students to do the practice on various CAD/CAM related projects. Latest soft ware's are needed to update the knowledge.	1. Usage of advanced means such as YOUTUBE videos and latest softwares for doing the practical and prototype models.	1. Difficult to understand the components and models.	1.To be Allocate more time for the students to do hands on train with latest software's .

<p>2. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <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.</p> <p>3.Students Requested for site visit and study the significance of Project Planning</p>	<p>2. The related text books material and digital notes are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>2. Difficult to Understand the key notations and some softwares.</p> <p>3. Expressing difficulty in assembling and manufacturing some critical parts in the project.</p>	<p>2. To create a real time mini Projects for easy understanding of students.</p> <p>3. Explain many types of real time applications to prepare the models.</p>
				
<p>Member</p> <p>Sri.U.Pradeep Kumar</p>	<p>Member</p> <p>Sri..Ijaj ahammed</p>	<p>Coordinator</p> <p>P.K.Chaitanyakanth Reddy</p>	<p>HOD</p> <p>Dr.D.Ravikanth Professor & Head</p>	

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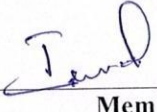

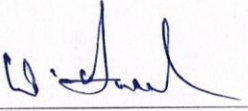
SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	III / VII
Course Name	CAD/ CAM	Course Code	1503701

Committee Members::

S.No	Name	Role	Designation	Signature
1	P.K.Chaitanyakanth Reddy	coordinator	Associate professor	
2	Sri.U.Pradeep Kumar	member	Assistant professor	
3	Sri..Ijaj ahammed	member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as PEC.	1. More time is to be allotted for Students to do the practice on various CAD/CAM related projects. Latest soft ware's	1. Usage of advanced means such as YOUTUBE videos and latest softwares for doing the practical and prototype models.	1. Difficult to understand the components and models.	1.To be Allocate more time for the students to do hands on train with latest

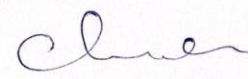
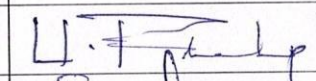

<p>2. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>3.To overcome the shortcomings from students' point of view, if any</p>	<p>are needed to update the knowledge.</p> <p>2. The concerned faculty identified, few of them are not attending online classes regularly.</p> <p>3.Students Requested for site visit and study the significance of Project Planning</p>	<p>2. The related text books material and digital notes are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>2. Difficult to Understand the key notations and some softwares.</p> <p>3. Expressing difficulty in assembling and manufacturing some critical parts in the project.</p>	<p>software's .</p> <p>2. To create a real time mini Projects for easy understanding of students.</p> <p>3. Explain many types of real time applications to prepare the models.</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Sri.U.Pradeep Kumar</p>	<p>Sri.Ijaj ahammed</p>	<p>P.K.Chaitanyakanth Reddy</p>	<p>Dr.D.Ravikanth Professor & Head</p>	

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	III / VII
Course Name	CAD/ CAM	Course Code	1503701

Committee Members::

S.No	Name	Role	Designation	Signature
1	P.K.Chaitanyakanth Reddy	coordinator	Associate professor	
2	Sri.U.Pradeep Kumar	member	Assistant professor	
3	Sri..Ijaj ahammed	member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To over come the shortfalls that arises in between first and second review.	1. Students express their difficulty in some technical issues while doing the projects in practical in CAD/CAM	1. strong technical support with eminent technical persons are identified	1. Needs proper documentation to complete the work.	1. Faculty are involved in Training the students and provide support in all technical issues.

<p>2. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <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.</p> <p>3.Students Requested for providing knowledge in updated version of softwares in cad/cam.</p>	<p>2. The related text books, and digital notes are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>2. Difficult to Understand the programming language of software's in CAD/CAM</p> <p>3. Expressing difficulty in assembling and manufacturing some critical parts in the project.</p>	<p>2. To create a real time mini Projects for easy understanding of students.</p> <p>3. Explain many types of real time applications ,updated software's according to the latest requirements'.</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Sri.U.Pradeep Kumar</p>	<p>Sri..Ijaj ahammed</p>	<p>P.K.Chaitanyakanth Reddy</p>	<p>Dr.D.Ravikanth</p>	

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV /VII
Course Name	Finite Element Method	Course Code	1503703

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1 To learn and apply finite element solutions to structural, thermal, dynamic problem to develop the knowledge and skills needed to effectively evaluate finite element analyses.</p> <p>2. To learn the theory and characteristics of finite elements that represent engineering structures.</p> <p>3.To overcome the shortcomings from students point of view, if any.</p>	<p>1. Typical problem areas of interest include the traditional fields of structural analysis, heat transfer, fluid flow, mass transport, and electromagnetic potential.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3The finite element method (FEM) is a popular method for numerically solving differential equations arising in engineering and mathematical modeling</p>	<p>1. Usage of Power point presentation, Pen tablet andNPTEL andYOUTUBE 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 structural problems and analysis of the structures.</p>	<p>1.Suggested to solve more number of problems related to structural members.</p> <p>2. More emphasis on analysis of the structural members.</p>
S. Vijay kumar				
Member	Member	Coordinator	HOD	

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	IV / VII
Course Name	FINITE ELEMENT METHOD	Course Code	1503703

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr.B.SUDARSHAN	Coordinator	Assistant Professor	
2	S. VIJAY KUMAR	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 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 structured members and analysis of the structures 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. Difficult to derive the structural problems and analysis of the structures .	1.Suggested to solve more number of problems related to structural members. 2. More emphasis on analysis of the structural members.

S. Vijay kumar 		
Member	Member	Coordinator

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

Department	MECHANICAL ENGINEERING	Year/Semester	IV/VII
Course Name	INSTRUMENTATION AND CONTROL SYSTEMS	Course Code	1503704

Committee Members::

S.No	Name	Role	Designation	Signature
1	NARESH KUMAR YADAV	Coordinator	Assistant Professor	
2	S.VIJAY KUMAR	Member	Assistant Professor	
3	J. SURESH BABU	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. The purpose of an instrumentation engineer is to Conceptualize, Design, Detail, Maintain and Trouble shoot control system for its client/ industry.</p> <p>2. Control systems engineering activities are multi-disciplinary in nature.</p> <p>3. Upon completion of this course, student should be able to know: i. Give a deeper introduction to state-space representation of control systems,</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 different measuring instruments and various engineering devices.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students requested for industrial visit of any industry to see the actual working of pressure control devices and flow rate instruments..</p>	<p>1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic.</p> <p>2. Lectures in the classroom.</p> <p>3. Readings from textbook and other assigned materials.</p> <p>4. Course Projects.</p> <p>5. Quizzes/exams.</p>	<p>1 Process variables requiring control in a system include, but are not limited to, flow, level, temperature, and pressure</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>
 S. Vijaykumar Member	 J. Sureshbabu Member	 Nareshkumaryadav Coordinator	 Dr. D. Ravikanth Prof HOD & Head	

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	IV / VII
Course Name	INSTRUMENTATION AND CONTROL SYSTEMS	Course Code	1503704

Committee Members::

S.No	Name	Role	Designation	Signature
1	NARESH KUMAR YADAV	Coordinator	Assistant Professor	
2	S.VIJAY KUMAR	Member	Assistant Professor	
3	J. SURESH 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 any industry.	1. QUIZ questions related to boilers, nozzles, turbines, compressors 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 pressure measuring and principles to new engineering devices due to lack of knowledge in their working principle.	1. To overcome the weaknesses, suggested to visit nearby any industry during maintenance period of the working condition.

 S.Vijaykumar Member	 J.Sureshbabu Member	 Nareshkumaryadav Coordinator	 Dr. D. Ravikanth Professor & head
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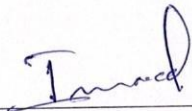

Department of Mechanical Engineering
K.S.R.M COLLEGE OF ENGINEERING
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	IV/ VII
Course Name	Production and Operations Management	Course Code	1503705

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI.Ijaj Ahmed	coordinator	Associate professor	
2	Sri.P.K.Chaitanya kanth reddy	member	Associate professor	
3	Dr.D.Ravi kanth	member	Associate 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.	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 objectives of	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>management operations,</p>	<p>real time mini Project on production processes for easy understanding of students. 3. Explain many types of production processes with proper channel. 3. Prepare a list for the processes</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Sri.P.K.Chaitanya kanth reddy</p>	<p>Dr.D.Ravikanth</p>	<p>SRI.Ijaj Ahmed</p>	<p>Dr.D.Ravikanth</p>	

Professor in Charge
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	QUANTITATIVE ANALYSIS FOR BUSSINESS DECISIONS	Course Code	150E305

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.MAHESH	Coordinator	Assistant Professor	
2	Dr. D. Ravikanth	Member	Professor	
3	P.K.CHAITANYAKANTH REDDY	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. D. Ravikanth	P.K.Chaitanyakanthreddy	R.Mahesh	Dr. D. Ravikanth
Member	Member	Coordinator	Professor & head

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	IV / VII
Course Name	QUANTITATIVE ANALYSIS FOR BUSSINESS DECISIONS	Course Code	150E305

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.MAHESH;	Coordinator	Assistant Professor	
2	Dr. D. RAVIKANTH	Member	Professor	
3	P.K.CHAITANYAKANTH REDDY	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the uniform Coverage of syllabus according to the 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 learning theoretical techniques as well as implementing them on real data	1.Assigned materials. 2. Course Projects. 3. Quizzes/exams. 4. Study materials – Soft copy circulated among students 5. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to qualitative methodology intends to understand a complex reality and the meaning of actions in a given context	1.The quantitative techniques help in decision making process in the way that identifies the factors which influence the decisions and quantify them. It becomes easier to resolve the complexity of the decision making.

Dr. D. Ravikanth Member	P.K.Chaitanyakanthreddy Member	R.Mahesh Coordinator	Dr. D. Ravikanth HOD
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Professor & Head
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	METROLOGY LAB	Course Code	1503714

Committee Members::

S. No	Name	Role	Designation	Signature
1	S.MAHABOOB KHAN	Coordinator	Asst. Professor	
2	Dr.DHARMALINGAM BABU	Member	Associate 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 get accurate readings due to errors in instruments.	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		 HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
Course Name	METROLOGY LAB	Course Code	1503714

Committee Members::

S. No	Name	Role	Designation	Signature
1	S.MAHABOOB KHAN	Coordinator	Asst. Professor	
2	Dr.DHARMALINGAM BABU	Member	Associate 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 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.It is very difficult to get precision readings.	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		HOD



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Department	MECHANICAL ENGINEERING	Year/Semester	IV/ VII
Course Name	MINOR PROJECT	Course Code	1503716

Committee Members::

S. No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	
2	NARESH KUMAR YADAV	Member	Assistant 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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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	IV / VII
Course Name	MINOR PROJECT	Course Code	1503716

Committee Members::

S.No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	
2	NARESH KUMAR YADAV	Member	Assistant 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 Professor & Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	IV/ VII
Course Name	Introduction To Ansys	Course Code	1503717

Committee Member

S.No	Name	Role	Designation	Signature
1	D.Merwin Rajesh	Coordinator	Assistant Professor	
2	P.K. Chaitanya Kanth Reddy	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 steps in ANSYS 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for workshop on ANSYS rea	1. QUIZ Questions related to Ansys mechanical APDL 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 practice basic structural analysis projects. 2. Explaining more number of real time projects

P.K. Chaitanya Kanth Reddy	D.Merwin Rajesh	Dr. D. Ravikanth
Member	Coordinator	HOD

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

Department	Mechanical engineering	Year/Semester	IV/ VII
Course Name	Introduction To Ansys	Course Code	1503717

Committee Member

S.No	Name	Role	Designation	Signature
1	D.Merwin Rajesh	Coordinator	Assistant Professor	
2	P.K. Chaitanya Kanth Reddy	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 steps in ANSYS 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for workshop on ANSYS rea	1. QUIZ Questions related to ANSYS WORKBENCH 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 analyses in workbench	1. Suggested to learn all the respective commands and procedure. 2. Explaining more number of projects related to CFD

P.K. Chaitanya Kanth Reddy	D. Merwin Rajesh	Dr. D. Ravikanth
Member	Coordinator	HOD

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

Department	MECHANICAL ENGINEERING	Year/Semester	I
Course Name	GEOMETRIC MODELLING	Course Code	1853101

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri C. Nagaraja	Coordinator	Assistant Professor	
2	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. 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 fundamentals of geometric modeling 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for basics in C language algorithms related to geometric modelling	1. Usage of Power point YOUTUBE videos for explaining the 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 algorithms in C language	1.Suggested to understand the basics in geometric modeling. 2. Explaining more number of geometric problems

Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	I
Course Name	Computer Integrated Manufacturing	Course Code	1853102

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	
2	Sri U.Pradeep Kumar	Member	Asst.Professor	
3	Sri.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 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 to understand the case studies on FMS and CIM systems	1. QUIZ Questions related to Computer Integrated Manufacturing are very useful to enrich the subject knowledge in hardware and software components for soft automation 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 control of manufacturing, automated material handling, storage and retrieval systems	1. Suggested to draw group technology and concurrent engineering and develop skill in the developing automated process plans using variant and generative approaches 2. Explaining more number of projects related to mechanics.
 Member	 Member	 Coordinator	 Coordinator	 Coordinator



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	I
Course Name	Computer Integrated Manufacturing	Course Code	1853102

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	
2	Sri U.Pradeep Kumar	Member	Asst.Professor	
3	Sri.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 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 to understand the case studies on FMS and CIM systems	1. QUIZ Questions related to Computer Integrated Manufacturing are very useful to enrich the subject knowledge in hardware and software components for soft automation 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 control of manufacturing, automated material handling, storage and retrieval systems	1. Suggested to draw of control of manufacturing, automated material handling, storage and retrieval systems 2. Explaining more number of projects related to CAPP & MRP Topics.

 Member	 Member	 Coordinator	 Professor & Head HOD
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	M.Tech. I / I
Course Name	Computer Aided Processes Planning	Course Code	1853103

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 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 industrial visits.	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. Some of the students are facing problem to develop G codes and M codes for CNC machines.	1. Suggested to have continuous interaction with local industries to exchange the knowledge in latest developments. 2. To go through the more number of case studies

Member	Member	Coordinator	HOD



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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	M.Tech. I / I
Course Name	Computer Aided Processes Planning	Course Code	1853503

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 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 to arrange some more industrial visits and provide internships.	1. Case studies related to different manufacturing systems like CAPP, Group Technology, FMS and CIM are very useful to students 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 implement their knowledge to solve real technical problems facing in local industries.	Suggested to have continuous interaction with local industries to exchange the knowledge in latest developments.

Member	Member	Coordinator	Professor & head HOD



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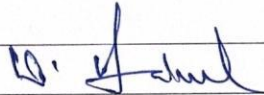
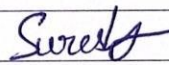
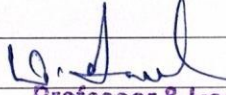
Department	MECHANICAL ENGINEERING	Year/Semester	I
Course Name	Advanced optimization techniques	Course Code	1853106

Committee Members::

S. No	Name	Role	Designation	Signature
1	J.SURESH BABU	Coordinator	Asst. Professor	
2	Dr.D.RAVIKANTH	Member	Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>To understand and apply operation and research techniques to design and production.</p> <p>To evaluate significance of this subject as optimization.</p> <p>To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>To overcome the shortcomings from students point of view, if any.</p> <p>To understand Assignment problems in order to process planning problems.</p> <p>To Understand genetic algorithm in order to solve</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 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>3. Course material/handouts are supplied to the students before/after the class</p>	<p>1. Difficult to teach the concepts and principles optimization techniques.</p> <p>2. Could not identify properly about the students activity in E- class,</p>	<p>1. Explain more number of problems to better understanding of concepts.</p>

nonlinear programming and travelling salesman problem.				
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 Member	 Coordinator	 Professor & head HOD
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Department of Mechanical Engineering
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / IV
Course Name	Advanced optimization techniques	Course Code	1803401

Committee Members::

S.No	Name	Role	Designation	Signature
1	J.SURESH BABU	Coordinator	Asst. Professor	
2	Dr.D.RAVIKANTH	Member	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>1. Some of the students are facing problem to apply Linear programming problems to knowledge in their working principle.</p>	<p>1. To overcome the weaknesses, suggested to visit nearby Industry.</p>

Member	Coordinator	HOD Professor & head



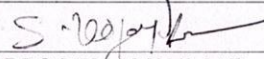
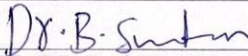
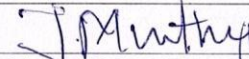
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	MATERIAL SCIENCE ENGINEERING	Course Code	1803306

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI T.V.S.S.N.MURTHY	Coordinator	Assistant Professor	
2	SRI S.VIJAY KUMAR	Member	Assistant Professor	
	DR.B. SUDHARSHAN	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 significance of Material Science engineering 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 remember types of phase diagrams 2. Difficult to analyse the Properties of Cast Iron.	1. Suggested to improve the skills in Fundamental Properties of Materials 2. More emphasis on Heat treatment processes.

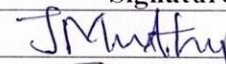
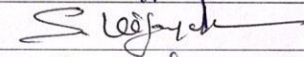
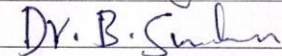
			
SRI S.VIJAY KUMAR	SRI DR.B. SUDHARSHAN	SRI T.V.S.S.N.MURTHY	SRI DR.D.RAVI KANTH
Member	Member	Coordinator	HOD

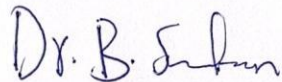


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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / III
Course Name	MATERIAL SCIENCE ENGINEERING	Course Code	1803306

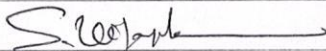
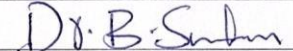

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI T.V.S.S.N.MURTHY	Coordinator	Assistant Professor	
2	SRI S.VIJAY KUMAR	Member	Assistant Professor	
3	DR.B. SUDHARSHAN	Member	Associate.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 stress, strain, beams, and columns 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>1. Some of the students are facing problem on Equilibrium diagrams.</p>	<p>1. To overcome the weaknesses, suggested to practice more on the concept of Equilibrium Diagram</p>

			
SRI S.VIJAY KUMAR	SRI Dr.B. SUDHARSHAN	SRI T.V.S.S.N.MURTHY	SRI Dr.D.RAVI KANTH
Member	Member	Coordinator	HOD

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

Department	Mechanical engineering	Year/Semester	V
Course Name	Mechanical EnggLab(Thermal -1)	Course Code	1803513

Committee Members::

S.No	Name	Role	Designation	Signature
1	C. NAGARAJA	Coordinator	Assistant. Professor	
2	K. SURESH KUMAR	Member	Associate Professor	
3	Sri T.V.VS.N.Murthy	Member	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 modebecause understand the signifance and fundamentals 2. The concerned faculty identified few of them are not attending regularly.	1.Usage of Power point presentations, pen tblet and YOU TUBE videos for explaining. 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the Machine tools Concepts	1. Suggested to use more interest Resources.

 Member	 Member	 Coordinator	 HOD
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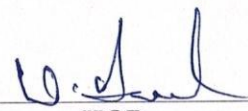
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Department	Mechanical Engineering	Year/Semester	II/ III
Course Name	Strength of material	Course Code	1803305

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI.Ijaj Ahmed	coordinator	Associate professor	
2	Sri.B.Sreehari	member	Associate professor	
3	Sri.c.Nagaraja	member	Associate 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.	1. Students wants to listen teaching in E-class mode because understand the significance of strength of materials 2. The concerned faculty	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the aspects which exist in the strength of material subject 2. Difficult to Understand the objectives of strength of	1. Explaining topics showing photographs and with all necessary Equipment. 2. To create a

<p>3.To overcome the shortcomings from students' point of view, if any</p>	<p>identified, few of them are not attending online classes regularly. 3.Students Requested for site visit and study the significance of SOM</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>materials,</p>	<p>real time mini Project on som for easy understanding of students. 3. Explain many aspects which are included in strength of materials with proper channel. 3. Prepare a list for the concepts</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Sri. B.Sreehari</p>	<p>Sri.c.Nagaraja</p>	<p>SRI.Ijaj Ahmed</p>	<p>Dr.D.Ravikanth</p>	

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

Department	Mechanical engineering	Year/Semester	I/I
Course Name	CAD LAB	Course Code	1853111

Committee Members::

S.No	Name	Role	Designation	Signature
1	S.Vijay Kumar	Coordinator	Asst.Professor	
2	R.Mahesh	Member	Assistant Professor	
3.	U. Pradeep Kumar	Member	Assistant professor	

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

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) PG 2020-21

Department	Mechanical engineering	Year/Semester	I/I
Course Name	CAD LAB	Course Code	1853111

Committee Members::

S.No	Name	Role	Designation	Signature
1	S.Vijaykumar	Coordinator	Asst.Professor	
2	R.Mahesh	Member	Assistant Professor	
3	U.pradeepkumar	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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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	III
Course Name	Engineering Mechanics	Course Code	1801303

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	
2	Dr.A.Saravanakumar	Member	Professor	
3	Sri.P.Sivaseshu	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 Engineering Mechanics 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested to visit local workshops and study the significance of each equipment.	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 components and working principles of Mechanical Equipment	1. Suggested to draw the free body diagrams for various mechanisms and identify the types of pairs present in each mechanism . 2. Explaining more number of projects related to mechanics.

 Member	 Member	 Coordinator	 Professor & Head HOD
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	III
Course Name	Engineering Mechanics	Course Code	1801303

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	
2	Dr.A.Saravanakumar	Member	Professor	
3	Sri.P.Sivaseshu	Member	Asst.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 want to listen teaching in E-class mode because understand the significance and fundamentals of Power plant engineering</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students Requested to visit local workshops and ITI to study the significance of each mechanism in equipments.</p>	<p>1. QUIZ Questions related to Engineering Mechanics 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. Some of the students are facing problem to understand real time problems in various 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	 Prof HOD & head
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