



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

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

Department	Mechanical engineering	Year/Semester	M.Tech.- I semester
Course Name	Introduction to Renewable Energy Systems	Course Code	1899103
		Date	06-06-2022

**Committee Member**

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. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Different advanced renewable energy power plants 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for thermal power plant, and hydro power plant visit and study the significance of each equipment.	1. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various power plant equipment	1. Suggested to draw all plants layouts and understand the working principle of each component better . 2. Explaining more number of projects related to solar and tidal, nuclear ,diesel ,MHD power generation projects
 D. Merwin Rajesh Member	 C. Nagaraja Member	 K. Suresh Kumar Coordinator	 Dr. D. Ravikanth HOD	

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

<b>Department</b>	Mechanical engineering ( Renewable energy sources)	<b>Year/Semester</b>	I
<b>Course Name</b>	Measuring control by energy systems	<b>Course Code</b>	1899104
		<b>Date</b>	04-01-22

**Committee Member**

S.No	Name	Role	Designation	Signature
1	Sri. J.Suresh babu	Coordinator	Asst.Professor	
2	Dr.D.Ravikanth	Member	Professor	
3	Sri R.Mahesh	Member	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 Different advanced renewable energy power plants</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students Requested for thermal power plant, and hydro power plant visit and study the significance of each equipment.</p>	<p>1. QUIZ Questions related to power plant engineering 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 Energy systems equipment</p>	<p>1. Suggested to draw all plants layouts and understand the working principle of each component better .</p> <p>2. Explaining more number of projects related to solar and tidal, nuclear ,diesel ,MHD power generation projects</p>
Member	Member	Coordinator	HOD	

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

<b>Department</b>	<b>Mechanical engineering</b>	<b>Year/Semester</b>	<b>M.Tech I Semester</b>
<b>Course Name</b>	Solar energy technologies	<b>Course Code</b>	1899105
		<b>Date :</b>	14-06-22

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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 Different advanced renewable energy power plants 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for thermal power plant, and hydro power plant visit and study the significance of each equipment.	1. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly	1. Some of the students are facing problem to understand real time problems in various Solar power plant equipment	1. Suggested to draw all Solar plants layouts and understand the working principle of each component better . 2. Explaining more number of projects related to solar and tidal, nuclear ,diesel ,MHD Solar power generation projects

Dr.A. saravankumar  Member	Sri.P. Sivaseshu  Member	Sri S.Vijaya Kumar  Coordinator	Dr. D. Ravikanth  Professor & Head HOD
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**SECOND COURSE REVIEW COMMITTEE REPORT PG(CRC)2020-21**

Department	Mechanical engineering	Year/Semester	M.Tech I Semester
Course Name	Power generation, distribution and transmission	Course Code	1899106
		Date :	13-06-22

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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 for power generation. 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for thermal power plant, to study the significance of each equipment	1. QUIZ Questions related to power plant engineering are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly	1. Some of the students are facing problem to understand real time problems in various power plant equipment for power generation,Disrubution	1. Suggested to draw all plants layouts and circuit diagrams to understand the working principle of each component better . 2. Explaining more number of projects related to solar and tidal, nuclear ,diesel ,MHD power generation projects

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



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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	M.Tech I sem
Course Name	ADVANCED POWER PLANT ENGG.	Course Code	1899108

Committee Members::

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

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

 R.Mahesh Member	 Dr. A.Saravan Kumar Member	 R.Ramakrishna Reddy Coordinator	 Dr. D. Ravikanth HOD Professor & head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	I/I
Course Name	Research Methodology & IPR	Course Code	1899110

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
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 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 apply Linear programming problems to knowledge in their working principle.	1. To overcome the weaknesses, suggested to visit nearby Industry.

Member	Coordinator	HOD Professor & head



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

Department	MECHANICAL ENGINEERING	Year/Semester	I / I SEM
		Course Code	1899111
Course Name	Seminar /Industrial visit	Date	04/01/22

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. The Students apply the programming knowledge on real-world program. 2. To undertake a short research training outside the classroom	1. 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	 Professor & Head HOD
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	ADVANCED THERMODYNAMICS AND FLUID MECHANICS	Course Code	1999102
		Date	04/1/22

Committee Members::

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

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

 Member	 Member	 (B.SRIHARI) Coordinator	 HOD
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	II / III
		Course Code	2003305
Course Name	Mechanics of materials	Date	04/01/2022

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode to understand the significance and fundamentals of Mechanics of materials 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested to visit local STRENGTH OF MATERIALS LAB to study the various properties of the materials.	1. QUIZ Questions related to <b>Mechanics</b> of materials 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 equipment	1. Suggested to draw the free body diagrams for various types of beams and their reactions at the supports .shear force and bending moments 2. Explaining more number of problems related to beams and columns.

Member	Member	Coordinator	Professor & head HOB

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	II / III
Course Name	ENGINEERING THERMODYNAMICS	Course Code	2003304
		Date	24-03-2022

Committee Members::

S.No	Name	Role	Designation	Signature
1	K. Suresh Kumar	Coordinator	Associate Professor	
2	S. Vijay Kumar	Member	Assistant Professor	
3	Dr. B. Sudarshan	Member	Assistant Professor	

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

 S. Vijay Kumar Member	 Dr. B. Sudarshan Member	 K. Suresh Kumar Coordinator	 Dr. D. Ravikanth HOD & Head
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

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

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
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 visit local workshops and ITI to study the significance of each mechanism in equipments.	1. QUIZ Questions related to <b>Engineering Mechanics</b> 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 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	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	II/III
Course Name	MECHANICS OF MATERIALS LAB	Course Code	2003308
			DATE : 04-01-2022

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of ALL experiments according to the Internal and external Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various manufacturing processes and application of these processes to manufacture various Products. 2. The concerned faculty identified few of them are not attending Regularly. 3. Students requested to arrange for Local industrial visits.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1.It is very difficult to handle the results like stress, strain, buckling and fatigue. 2.It is difficult to operate the machines.	1.If available number of new text books and new theoretical available that will be useful to the students. 2.Explaining topics showing photographs and with all Necessary Components.

SRI J.SURESH BABU	Dr.P.BHANUPRAKASH	SRI P. SIVASESHU	Dr. D.RAVI RANJAN
Member 	Member 	Coordinator 	Professor & Head HOD 



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

<b>Department</b>	<b>MECHANICAL ENGINEERING</b>	<b>Year/Semester</b>	<b>II/III</b>
<b>Course Name</b>	ENVIRONMENTAL SCIENCE	<b>Course Code</b>	20993M1
			<b>DATE : 04-01-2022</b>

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance of Material Science engineering 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. By providing video lectures and ppt's may be no problems found from the students	1.If available number of new text books and new theoretical available that will useful to the students.

SRI J.SURESH BABU Member 	SRI R.RAMAKRISHNA REDDY Member 	SRI P. SIVASESHU Coordinator 	Professor & Head HOD 
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Assistant .Professor	
2	S. Mahaboob khan	Member	Assistant Professor	
3	P. Siva Seshu	Member	Assistant .Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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 drawuing 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to CATIA 2. Study materials – Soft copy of commands used in ,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	

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

Department	Mechanical engineering	Year/Semester	II / III
Course Name	FLUID MECHANICS AND HYDRAULIC MACHINES	Course Code	2003302

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	SRI P.K. CHAITHANYA KANTH REDDY	Coordinator	Assistant Professor	
2	SRI K.SURESH KUMAR	Member	Associate Professor	
3	DR.P BHANU PRAKASH	Member	Associate Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To 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 different equations 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 Boundary layer and turbines	1. To overcome the weaknesses, suggested to practice more on the basic concept

SRI K.SURESH KUMAR	DR.P BHANU PRAKASH	SRI P.K. CHAITHANYA KANTH REDDY	SRI Dr. D. RAVI KANTH
Member	Member	Coordinator	Professor & head

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

Department	Mechanical engineering	Year/Semester	II / III
Course Name	Manufacturing Process	Course Code	2003303
		Date	24-03-2022

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To ensure that the syllabus is uniformly covered for external examinations</p> <p>2. To fix any issues from the viewpoint of the students that could have arisen in prior meetings.</p>	<p>1. In order to completely comprehend the topics, students prefer to listen to instructors via electronic classrooms and interactive whiteboards.</p> <p>2. Few of them were not consistently attending, according to the concerned professors.</p> <p>3. The provision of internships and further industrial trips were asked by the students.</p>	<p>1. The understanding of the subject can be further expanded by taking a QUIZ on welding procedures, foundries, etc.</p> <p>2. Study materials are distributed to pupils in digital form.</p> <p>3. Syllabus covered in both classes uniformly.</p>	<p>1. Some students still struggle to finish their welding and foundry projects within the allotted time.</p>	<p>It is advised to maintain constant communication with local businesses in order to provide information on the most recent changes.</p>

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

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

**Committee Members:**

S. No	Name	Role	Designation	Signature
1	SRI P.K.CHAITHANYA KANTH	Coordinator	Assistant Professor	
2	SRI P. SIVA SESHU	Member	Assistant Professor	
3	SRI J. SURESH BABU	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations.  3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various Machines and Turbines. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. It is very difficult to get accurate readings due to errors in instruments.	1.They are designed and built to enhance measurement accuracy and to reduce measurement uncertainty.  2 Fluid mechanics and Hydraulic machinery labs are guaranteed to have personal with the highest level of technical competence.

 SRI P. SIVA SESHU Member	 SRI J. SURESH BABU Member	 SRI P.K.CHAITHANYA KANTH Coordinator	 DR.D. RAVI KANTH HOD Professor & head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021--22

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

Committee Members::

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

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

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

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

**Committee Members::**

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

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

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

Department	Mechanical engineering	Year/Semester	III/ V
Course Name	Design of machine elements-I	Course Code	1803502
		Date	04-01-2022

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. The concerned faculty identified few of them are not maintaining class notes properly. 2. Students Requested for biodiversity analysis in India (For Discussion).	1. QUIZ Questions related to Environmental science very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand Automobile components.	1. Suggested to review once again same unit for better understanding of endangered and endemic species 2. Review the Design of machine elements.

Member	Member	Coordinator	HOD



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

<b>Department</b>	<b>Mechanical engineering</b>	<b>Year/Semester</b>	<b>III / V</b>
<b>Course Name</b>	Thermal Engineering Lab	<b>Course Code</b>	<b>1803513</b>
		<b>Date</b>	<b>02-01 -2022</b>

**Committee Members:**

S.No	Name	Role	Designation	Signature
1	K. Suresh Kumar	Coordinator	Associate Professor	
2	S. Vijay Kumar	Member	Assistant Professor	
3	D. Merwin Rajesh	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students are conducting Engine performance tests only and they are not conducting engine emission tests.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. As the engines are getting old, students are unable to conduct performance tests on the engines at full load conditions	1. Suggested to conduct more tests on Computerized engines 2. Suggested to develop virtual mode lab
 S. Vijay Kumar Member	 D. Merwin Rajesh Member	 K. Suresh Kumar Coordinator		 Dr. D. Ravikanth HOD

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

Department	Mechanical engineering	Year/Semester	111/V
Course Name	MECHANICAL ENGINEERING LAB(CAD LAB)	Course Code	1803514

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Smt. E.REDDY GOWTHAMI	Coordinator	Assistant Professor	
2	SRI S. VIJAY KUMAR	Member	Assistant Professor	
3	SRI B. SRIHARI	Member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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
 SRI S. VIJAY KUMAR Member	 SRI B. SRIHARI Member	 Smt. E.REDDY GOWTHAMI Coordinator	 DR. D. RAVI KANTH HOD	

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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 geometric modeling 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to CAD/CAM 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 so many equations	1. Suggested to understand the basics in geometric modeling. 2. Explaining more number of matrix equations
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

Department	Mechanical Engineering	Year/Semester	III / V
Course Name	Additive Manufacturing	Course Code	1803512
		Date	04-1-2022

**Committee Member**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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 manufacturing methods 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to advanced manufacturing 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 methods	1. Suggested to draw all the components and understand the working principle of each component better . 2. Explaining more number of projects related to real time project
 Member	 Member	 Coordinator		HOD





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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	III / V
Course Name	Automobile Engineering (Professional Elective -I)	Course Code	1803506
		Date	04-01-2022

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To ensure that the syllabus is uniformly covered for external examinations  2. To fix any issues from the viewpoint of the students that could have arisen in prior meetings.	1. In order to completely comprehend the topics, students prefer to listen to instructors via electronic classrooms and interactive whiteboards. 2. Few of them were not consistently attending, according to the concerned professors. 3. The provision of internships and further industrial trips were asked by the students.	1. The understanding of the subject can be further expanded by taking a QUIZ on welding procedures, foundries, etc. 2. Study materials are distributed to pupils in digital form. 3. Syllabus covered in both classes uniformly.	1. Some students still struggle to finish their welding and foundry projects within the allotted time.	It is advised to maintain constant communication with local businesses in order to provide information on the most recent changes.

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



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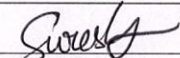
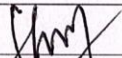
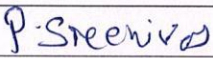
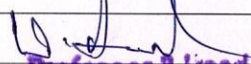
SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Mechanical engineering	Year/Semester	III/ V
Course Name	METROLOGY	Course Code	1803503

Committee Members::

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

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

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

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

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
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 various topics 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 the Balancing principles. 2. Some students .are feeling difficulty to understand the Principles of Vibrations.	To overcome the difficulty, they are suggested to follow the experiments on Balancing unit and Vibration model present the lab.

 A.Harikrishna Member	 B.Sreehari Member	 R.Ramakrishna Reddy Coordinator	 Dr. D. Ravikanth HOD
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SECOND COURSE REVIEW COMMITTEE REPORT UG (CRC)2020-21

Department	Mechanical engineering	Year/Semester	IV B.Tech / VII Semester
Course Name	Finite Element Methods	Course Code	1803702
		Date :	4 -1-2021

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To know the Importance of Finite element Methods to obtain Approximate Results Rather than Exact Solutions 2. To check the Uniform Coverage of syllabus according to the External Examinations. 3. To overcome the shortcomings from students' point of view, in previous meeting like Videos etc..	1 Student wants to listen teaching in E-class mode and black boards teaching because understand the topics elaborately the principals involved in the discretization of domain with various elements, polynomial interpolation and assembly of global Stiffness Matrix 2. The concerned faculty identified few of them are not because of irregularity of attending classes. 3. Students Requested for Attend internship Programs In Industries.	1.Usage of E Content, Photographs and YOUTUBE videos for explaining each and every topic by this student can able to understand clearly 2. The related lecture notes hand over before commencement of topics to be covered 3.Students are Identify The solutions Obtained by using 1-Dimentional and 2-Dimentional of Structural and Heat Transfer Problems	1. Difficult to derive the structural problems and analysis of the structures  2. More emphasis on analysis of the structural members	1.Suggested to solve more number of problems related to structural members.  2. More emphasis on analysis of the structural members

Dr. Dharnalingam Babu  Member	Dr. P.Bhanu prakash  Member	Sri S.Vijaya Kumar  Coordinator	Dr. D. Ravikanth  Professor & head
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**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

Department	MECHANICAL ENGINEERING	Year/Semester	IV/VII
Course Name	QUALITY ENGINEERING MANAGEMENT	Course Code	1803703
			04-01-2022

**Committee Members::**

S. No	Name	Role	Designation	Signature
1	SRI P. SIVASESHU	Coordinator	Assistant Professor	
2	SRI R. MAHESH	Member	Asst. Professor	
3	Dr. DHARMALINGHAMBABU	Member	Asso. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance of Material Science engineering 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Some of the students are facing problem to solve problems related to quality engineering methods	1. If available number of new text books and new theoretical available that will useful to the students. 2. Explaining topics showing photographs and with all Necessary Components.
 Dr. DHARMALINGHAMBABU Member	 SRI R. MAHESH Member	 SRI P. SIVASESHU Coordinator	 Dr. D. RAVIKANTH Professor & Head	 Dr. D. RAVIKANTH Professor & Head



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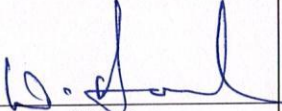
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SECOND COURSE REVIEW COMMITTEE REPORT  
(CRC) 2021-22

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

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as 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 <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every topic.	1. Difficult to understand the components and working principles of production 2. Difficult to	1. Explaining topics showing photographs and with all necessary components.

<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 Prodcution 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>Understand the objectives of management operations. 3. Lack of more number of Industries.</p>	<p>2. To create a real time mini Project on production processes for easy understanding of students. 3. To take the students to the industry and educate them through practical means.</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	
<p>Sri.P. Sivaseshu</p>	<p>Sri. Naresh kumar yadav</p>	<p>Dr. V. Saitya moorthy</p>	<p>Dr.D.Ravikanth</p>	

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

<b>Department</b>	<b>MECHANICAL ENGINEERING</b>	<b>Year/Semester</b>	<b>IV/VII</b>
<b>Course Name</b>	<b>INDUSTRIAL SAFETY AND MANAGEMENT</b>	<b>Course Code</b>	<b>1803710</b>
			<b>DATE:04-01-2022</b>

**Committee Members::**

<b>S. No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	SRI P. SIVASESHU	Coordinator	Assistant Professor	
2	Dr .D.RAVIKANTH	Member	Asst. Professor	
3	Dr.A.SARAVANA KUMAR	Member	Asso. Professor	

<b>Purpose / Objective</b>	<b>Problems Identified</b>	<b>Result Analysis</b>		<b>Suggestions for Improvement</b>
		<b>Strength</b>	<b>Weakness</b>	
1. To 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 <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. Some of the students are facing problem to understanding the topics related to other branches because its open elective course	1 .If available number of new text books and new theoretical available that will useful to the students. 2.Explaining topics showing photographs and with all Necessary Components.
		SRI P. SIVASESHU Coordinator		Dr .D.RAVIKANTH Professor & Head HOD
Member	Member	Coordinator		





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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	IV B.tech / VII Semester
Course Name	Smart materials	Course Code	1803711
		Date :	

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
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. Smart materials have properties that react to changes in their environment. Their properties can be changed by an external condition, 2. This change is reversible and can be repeated many times. There is a wide range of different smart materials	1.Smart materials (SMs) are defined as the materials that change their behavior in systematic manner 2.They are superior to other materials with five characteristics: selectivity, directness, immediacy,	1. For all the benefits they offer, smart materials are not always a viable option for manufacturers. 2. This is because they often rely on technologies that are still in their infancy or suffer from issues such as poor reliability and longevity.	1.When people talk about the "smart" environment, they mean an area with deployed "smart" devices, like wireless digital 2.Besides the challenges to produce sensors from smart materials,

Sri.P.Sivaseshu			
Member	Member	Coordinator	Professor & Head HOD



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

Department	Mechanical engineering	Year/Semester	IV / VII
Course Name	QUANTITATIVE ANALYSIS FOR BUSSINESS DECISIONS	Course Code	180E305
		Date	04-01-2022

**Committee Members::**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<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 learning theoretical <i>techniques</i> as well as implementing them on real data</p>	<p>1. Assigned materials.</p> <p>2. Course Projects.</p> <p>3. Quizzes/exams.</p> <p>4. Study materials – Soft copy circulated among students</p> <p>5. Syllabus covered in both classes uniformly.</p>	<p>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</p>	<p>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.</p>

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

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

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

Committee Member

S.No	Name	Role	Designation	Signature
1	D.Merwin Rajesh	Coordinator	Assistant Professor	
2	Sri. A. Hari Krishna	Member	Assistant Professor	
	Sri. S. Mahaboob khan	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 has to attend basics in entrepreneur 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to entrepreneursip 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	1. Suggested to read basic fundamentals aspects entrepreneur textbooks. 2. Explaining more number of real time projects

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

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

Department	MECHANICAL ENGINEERING	Year/Semester	IV/VII
		Course Code	1803714
Course Name	METROLOGY LAB	Date:	04/01/22

**Committee Members::**

S. No	Name	Role	Designation	Signature
1	C.NGARAJA	Coordinator	Asst.Professor	
2	S.VIJAYA KUMAR	Member	Asst.Professor	
3	B.SRI HARI	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations.  3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications.  2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic.  2. The related lab manuals and digital notes are sent before the commencing the class.  3. Course material/handouts are supplied to the students before/after the class	1. It 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	 Professor & head
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	IV / VII
		Course Code	1803715
Course Name	I & CS LAB	Date	04/01/2022

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To provide accuracy at minimum cost.  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 applicatios. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation</b> , and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1. It is very difficult to get accurate readings due to errors in instruments.  2.Unfortunately ICS Components are not secure by design, these components must work all the time in a protected environment otherwise they don't have mitigation measures.	1.Because of the number of processes involved in modern machines, accurate instrumentation is needed to ensure that everything is operating properly.

Member	Member	Coordinator	Professor & Head



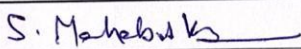
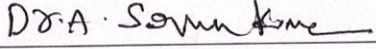

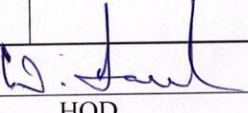
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	MECHANICAL ENGINEERING	Year/Semester	VII
Course Name	MINOR PROJECT	Course Code	1803716
		Date	04-1-2022

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. The Students apply the programming knowledge on real-world program. 2. To undertake a short research training outside the classroom	1. Lack of knowledge in the Topics to be selected.	1. Using of different Software's / analytical methods. 2. Referring the different journals published.	1. Topic to be given by the lecturers where the challenging tasks can be performed	1. Real life problems facing with the Mechanical Engineers can be given to the students.
 Member	 Member	 Coordinator	 HOD	



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

Department	Mechanical engineering	Year/Semester	VII
Course Name	Introduction to ansys	Course Code	1803717
			Date:4-01-2022

**Committee Member**

S.No	Name	Role	Designation	Signature
1	U. Pradeep kumar	Coordinator	Asst.Professor	
2	D.Mervin rajesh	Member	Assistant Professor	
3	Naresh kumar yadav	Member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. 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 ansys 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for the practice sessions for the various types of products to analyse	1. QUIZ Questions related to commands of ansys are very useful to enrich the software 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 recomands to analyse in various products	1. Suggested to draw all drawings to get command on software . 2. Explaining more number of drawings related to ansys in order to get practical knowledge
Member	Member	Coordinator		HOD

**Professor & Head**  
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