



**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	II / IV
Course Name	APPLIED THERMODYNAMICS	Course Code	1803401

**Committee Members::**

S. No	Name	Role	Designation	Signature
1	R. RAMAKRISHNA REDDY	Coordinator	Associate Professor	
2	K. SURESH KUMAR	Member	Associate Professor	
3	C. NAGARAJA	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To evaluate significance of this subject as PCC</p> <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>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 <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 draw the velocity diagrams for impulse and reaction turbines</p>	<p>1. Suggested to solve more number of problems related to steam turbines</p> <p>2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.</p>

Member	Member	Coordinator	HOD



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / IV
Course Name	APPLIED THERMODYNAMICS	Course Code	1803401

Committee Members::

S.No	Name	Role	Designation	Signature
1	R. RAMAKRISHNA REDDY	Coordinator	Associate Professor	
2	K. SURESH KUMAR	Member	Associate 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 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 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	Coordinator	Professor in Charge



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	II/IV
Course Name	Kinematics of machinery	Course Code	1803403

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	
2	Dr.V.S.S.MURTHY	Member	Professor	
3	Sri A.HARIKRISHNA	Member	Asst.Professor	

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

Member	Member	Coordinator	Prof. HOD & head



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

Department	Mechanical engineering	Year/Semester	II/IV
Course Name	Kinematics of machinery	Course Code	1803403

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	
2	Dr.V.S.S.MURTHY	Member	Professor	
3	Sri A.HARIKRISHNA	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 endangered and endemic species unit	1. Suggested to review once again same unit for better understanding of endangered and endemic species 2. Review the kinematics of machinery .

Member	Member	Coordinator	HOD & head



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

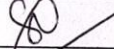
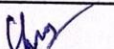
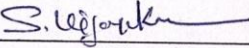
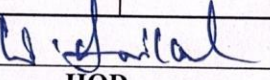
**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Mechanical engineering	Year/Semester	II B Tech, IV Semester
Course Name	Instrumentation & Control Systems	Course Code	1803405

**Committee Members:**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To evaluate The Output in instrumentation, signal conditioning generally means manipulating an analogue signal from a sensors	1.Students wants to listen teaching in E-class mode because understand the significance and working principles of Measurement Devises	1.Usage of <b>Power Point Presentation</b> and <b>YOUTUBE</b> videos for explaining each and Every Instruments of Measuring Devises	1.Difficult to understand the components and working principles of Measuring Instruments	1. To Understand the Principles and Operations of Devises in Instrumentation & Control Systems Laboratory 2. Explaining How to

<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 regularly.</p> <p>3.Students Requested for Industrial visit and study the significance of Measuring Devises</p>	<p>2. The related text books are Refer before commencement of topics to be covered.</p> <p>3. Course material / E-Contents are given before /after class.</p>	<p>2. Difficult to Identify the Measuring Errors Unless Otherwise to study of Static &amp; Dynamic Errors</p> <p>3.Difficult to Identify the Parameters of Measuring Instruments</p>	<p>Overcome Different Types of Errors Arise when it Perform in Particular Measuring Quantity</p> <p>3. Prepare a Schedule to understand the Instruments to Measuring the Respective Parameter</p>
				
Member	Member	Coordinator	HOD	

Professor & head  
Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 516 003.



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

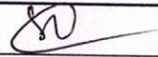
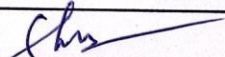
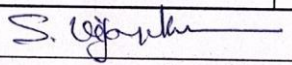
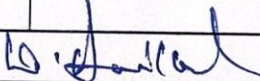
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Mechanical engineering	Year/Semester	II B Tech, IV Semester
Course Name	Instrumentation & Control Systems	Course Code	1803405

**Committee Members:**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To know the Importance of Instrumentation and Control Systems which are Used in Advanced Digital Technologies in Industries  2. To check the Uniform Coverage of syllabus according to the External Examinations.	1 Student wants to listen teaching in E-class mode and black boards teaching because understand the topics elaborately.  2. The concerned faculty identified few of them are not because of irregularity	1.Usage of E Content, <b>Photographs</b> and <b>YOUTUBE</b> 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	1.Difficult to understand the components and working principles of Measuring Instrument even with E-Content.  2. Difficult to Understand the Quality checks in	1. To overcome the above weaknesses, visit a real time ongoing Internships to understand clearly. 2. Explaining

<p>3. To overcome the shortcomings from students' point of view, in previous meeting like Videos and Field Visits</p>	<p>of attending classes.</p> <p>3. Students Requested for Attend internship Programs In Industries.</p> <p>4. Prescribed Text book for Acts is not available in the Central Library</p>	<p>to be covered</p> <p>3. Students are Identify The Instrument Devises To Obtain the Different Parameters like Temperature, Pressure, Level and Strain etc..</p>	<p>control systems</p> <p>3. Students are not Able to understand the complete Information in Control Systems</p>	<p>topics showing photographs and with all necessary components.</p> <p>3. Exercise few Control System problems in identifying critical points.</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>		<p>HOD</p>

Professor & head  
 Department of Mechanical Engineering  
 K.S.R.M. College of Engineering  
 KADAPA - 516 003.





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	VI
Course Name	Computer Aided Machine Drawing	Course Code	1803406

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.B.Srihari	Coordinator	Asst.Professor	
2	D.Merwin Rajesh	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 <b>Power point presentation , Pen tablet</b> and <b>YOUTUBE</b> videos for explaining the basic command in catia v5 software 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 machine part components more . 2. Explaining the shortcuts and advanced commands

 Member	 Member	 Coordinator	 Prof. HOD & Head
------------	------------	-----------------	----------------------



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	VI
Course Name	COMPUTER AIDED MACHINE DRAWING	Course Code	1803406

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	
2	D.Merwin Rajesh	Member	ASST. Professor	
3	U.pradeep kumar	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 MACHINE DRAWING 2. Study materials – Soft copy of commands used in CATIA V5 3. More practice hours.	1. few of the students are facing problem in assembly 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
------------	------------	-----------------	-----------------------------

Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 516 003.



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	VI
Course Name	Environmental Science	Course Code	18994M1

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.A.Saravanakumar	Coordinator	Professor	
2	Sri.P.Sivaseshu	Member	Asst.Professor	
3	P.Sreenivas	Member	Asst.Professor	

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

Member	Member	Coordinator	HOD





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	III/VI
Course Name	Machine Tools	Course Code	1803601

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.J.Suresh babu	Coordinator	Asst.Professor	
2	Dr..P.Sreenivas	Member	Asst.Professor	
3	Dr.A.Saravana kumar	Member	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 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> 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 internet Resources .
Member	Member	Coordinator	HOD	



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	III/VI
Course Name	Machine Tools	Course Code	1803601

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.J.Suresh babu	Coordinator	Asst.Professor	<i>Suresh</i>
2	Dr..P.Sreenivas	Member	Asst.Professor	<i>P.Sreenivas</i>
3	Dr.A.Saravana kumar	Member	Professor	<i>AS</i>

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 2. The concerned faculty identified few of them are not attending regularly.	1.Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> 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 internet Resources .
<i>P.Sreenivas</i>	<i>AS</i>	<i>Suresh</i>	<i>U.Srinivas</i>	
Member	Member	Coordinator	HOD	

**Professor & head**  
 Department of Mechanical Engineering  
 K.S.R.M. College of Engineering  
 KADAPA - 516 003.



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	III/ V
Course Name	DME-I	Course Code	1803502

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.P.Sreenivas	Coordinator	Asst.Professor	
2	Sri. J.Suresh babu	Member	Asst.Professor	
3	Sri R.mahesh	Member	Asst.Professor	

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

Member	Member	Coordinator	Professor & Head



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.P.Sreenivas	Coordinator	Asst.Professor	P.Sreenivas
2	Sri J.Suresh Babu	Member	Asst.Professor	Suresh
3	Sri R.mahesh	Member	Asst.Professor	R.mahesh

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 endangered and endemic species unit	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	Professor & Head HOD

Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 516 003.





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

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	
2	Dr.D.RAVIKANTH	Member	Professor	
3	Sri P.CHAITANYA KANTH	Member	Asst.Professor	

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

Member	Member	Coordinator	HOD

**Professor & head**  
Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 516 003.



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	III/ VI
Course Name	OPERATIONS RESEARCH	Course Code	1803603

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	
2	Dr.D.RAVIKANTH	Member	Professor	
3	Sri P.CHAITANYA KANTH	Member	Asst.Professor	

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

Member	Member	Coordinator	Head of Department



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

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



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	VI
Course Name	Power Plant Engineering	Course Code	1803604

**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 Power plant engineering 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for thermal power plant, and hydro power plant visit and study the significance of each equipment.	1.Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the components and working principles of plant Equipment	1. Suggested to draw all plants layouts and circuit diagrams to understand the working principle of each component better  2. Explaining more number of projects related to solar and tidal power generation projects

Member	Member	Coordinator	HOD



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	VI
Course Name	Gas Turbines & Jet Propulsion	Course Code	1803605

Committee Members::

S.No	Name	Role	Designation	Signature
1	K.Suresh Kumar	Coordinator	Asso.Professor	K. Suresh Kumar
2	R.Ramakrishna Reddy	Member	Asso.Professor	R. Ramakrishna Reddy
3	Sri.A.Harikrishna	Member	Asst.Professor	A. Harikrishna

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 to play YOUTUBE videos to understand the working concepts clearly	1. QUIZES & Assignments related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge.  2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the components and working principles of Jet Propulsion systems.	1. Suggested to follow YOUTUBE videos for better understanding.  2. Students are instructed to attend classes regularly

	A. Harikrishna	K. Suresh Kumar	
Member	Member	Coordinator	HOD Professor & Head



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

SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	K.Suresh Kumar	Coordinator	Asso.Professor	
2	R.Ramakrishna Reddy	Member	Asso.Professor	
3	Sri.A.Harikrishna	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1.Students Requested to solve more number of problems in class. 2. Students requested for industry visit related to subject.	1.YOUTUBE Videos related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge. 2. Study materials– Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand concepts in Online mode.	1. Suggested to solve more number of problems from different text books.

Member	Member	Coordinator	HOD



1 Department of Mechanical Engineering  
**IK.S.R.M COLLEGE OF ENGINEERING**  
AUTONOMOUS

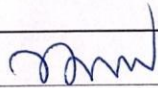
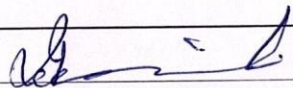
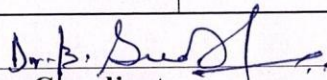
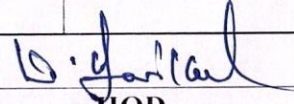
**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Mechanical engineering	Year/Semester	VI (OE)
Course Name	Robotics and application in manufacturing	Course Code	1803612

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Dr.B.SUDARSHAN	coordinator	Associate professor	
2	Dr.V.Sathiyamoorthy	member	Associate professor	
3	Sri. Mervin Rajesh	member	Assistant professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvements
		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 <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 automation and robotics  2. Difficult to Understand the Manipulator Kinematics,	1. Explaining topics showing photographs and with all necessary components.  2. To create a real time mini

<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>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><b>Member</b> <b>Dr.V.Sathiyamoorthy</b></p>	<p><b>Member</b> <b>Sri. Mervin Rajesh</b></p>	<p><b>Coordinator</b> <b>Dr.B.Sudarshan</b></p>	<p><b>HOD</b> <b>Dr.D.Ravikanth</b></p>	

**Professor & head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**







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

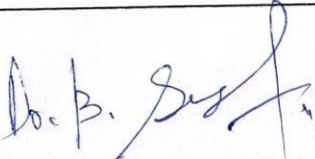


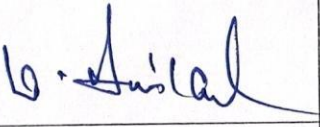
**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Mechanical Engineering	Year/Semester	IV / VIII
Course Name	Automation and robotics	Course Code	1503801

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Dr.V.Sathiyamoorthy	coordinator	Associate professor	
2	Dr.B.Sudharshan	member	Associate professor	
3	Sri.S.Mahaboob Khan	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 real time mini

3.To overcome the shortcomings from students' point of view, if any	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	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.	D-H notation joint coordinates and world coordinates in robotics actuators	Project for actuator for easy understanding of students.  3. Explain many types of sensors and actuator with real time application. 3. Prepare a prototype
				
Member	Member	Coordinator	HOD	
Dr.B.Sudharshan	Sri.S.Mahaboob Khan	Dr.V.Sathiyamoorthy	Dr.D.Ravikanth	

**Professor & head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**



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	VIII
Course Name	Renewable energy sources	Course Code	1503802

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Asst.Professor	
2	C. Nagaraja	Member	Assistant Professor	
3.	K.suresh 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 Renewable Energy resources 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested for solar power plant, and hydro power plant visit and study the significance of each equipment.	1.Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand solar tracking and radiation calculations the components and working principles of plant Equipment	1. Suggested to visit the real projects and get the practical knowledge. 2. Explaining more number of projects related to solar and tidal power generation projects
 Member	 Member	 Coordinator	 HOD	

**Professor & head**  
Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 516 003.



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	VIII
Course Name	Renewable energy sources	Course Code	1503802

Committee Member

S.No	Name	Role	Designation	Signature
1	D.Merwin Rajesh	Coordinator	Asst.Professor	
2	C.Ngaraja	Member	Assistant Professor	
3	K.suresh kumar	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
 Member	 Member	 Coordinator	 HOD	

Professor & head  
Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 516 003.



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

SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	VIII
Course Name	Gas Turbines & Jet Propulsion	Course Code	1503803

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.Ramakrishna Reddy	Coordinator	Asso.Professor	
2	Sri.A.Harikrishna	Member	Asst.Professor	
3	Sri K.Suresh Kumar	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 Requested to solve more number of problems in class. 2. Students requested for industry visit related to subject.	1.YOUTUBE Videos related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge. 2. Study materials- Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand concepts in 'Online mode.	1. Suggested to solve more number of problems from different text books.

 Member	 Member	 Coordinator	 HOD
------------	------------	-----------------	---------



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	VIII
Course Name	Gas Turbines & Jet Propulsion	Course Code	1503803

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.Ramakrishna Reddy	Coordinator	Asso.Professor	
2	Sri.A.Harikrishna	Member	Asst.Professor	A. Han Krishna
3	Sri K.Suresh Kumar	Member	Asso.Professor	K. Su.

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 to play YOUTUBE videos to understand the working concepts clearly	1. QUIZES & Assignments related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge. 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the components and working principles of Jet Propulsion systems.	1. Suggested to follow YOUTUBE videos for better understanding. 2. Students are instructed to attend classes regularly

 Member	 Member	 Coordinator	 HOD
------------	------------	-----------------	---------



**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	VIII
Course Name	Geometric Modelling	Course Code	1503804

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.U.PRADEEP KUMAR	Coordinator	Asst.Professor	
2	Sri.S.Mahaboob Khan	Member	Asst.Professor	
3	Dr. Dharmalingam Babu	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 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> 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 concepts of 3D Transformations	1. Suggested to refer more problems and algorithms . 2. Explaining more number of examples with problems
				<b>HOD</b>
<b>Member</b>	<b>Member</b>	<b>Coordinator</b>		

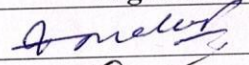
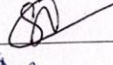
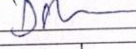


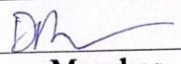
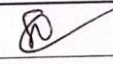
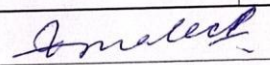
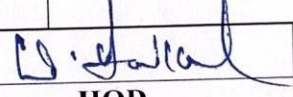
**Professor & Head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
 546 003

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

Department	Mechanical engineering	Year/Semester	VIII
Course Name	Geometrical Modelling	Course Code	1503804

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	U.Pradeep Kumar	Coordinator	Asst.Professor	
2	Sri.S.Mahaboob Khan	Member	Asst. Professor	
3	Dr. Dharmalingam Babu	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 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to Geometrical Modeling enhance strength of students 2. Study materials- Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem in 3D Transformations	1. Suggested to use more internet resources 2. Explaining more number of algorithms and Problems
 Member	 Member	 Coordinator		 HOD

**Professor & Head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**





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

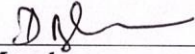
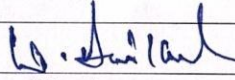
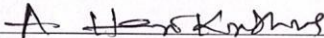
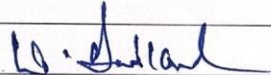
Department	Mechanical Engineering	Year/Semester	I/II
Course Name	Engineering Graphics	Course Code	2003105

**Committee Members::**

S.No	Name	Role	Designation	S.No
1	Sri A. Harikrishna	Coordinator	Asst. Professor	A. Harikrishna
2	Dr. D. Babu	Member	Asst. Professor	Dr. D. Babu
3	Dr. D. Ravikanth	Member	Professor	Dr. D. Ravikanth

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
Bring awareness that Engineering Drawing is the Language of Engineers. <ul style="list-style-type: none"><li>Familiarize how industry communicates technical information.</li><li>Teach the practices for accuracy and clarity in presenting the technical information.</li><li>Develop the engineering</li></ul>	<ol style="list-style-type: none"><li>Students want to listen teaching in E-class mode because understand the significance and importance of engineering graphics</li><li>The concerned faculty identified few of them are not attending regularly.</li></ol>	<ol style="list-style-type: none"><li>Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every topic .</li><li>The related text books and solved problems are sent before commencement of topics to be covered.</li></ol>	<ol style="list-style-type: none"><li>Difficult to teach the concepts and principles of engineering graphics through E-class.</li><li>Could not identify properly about the students activity in E-class.</li></ol>	<ol style="list-style-type: none"><li>Explain more number of problems to better understanding of concepts.</li><li>Prepare prototype model for engineering graphics</li></ol>

imagination essential for successful design.	3. Students Requested to visit some you tube lectures, and NPTEL lecture to get more understanding.	3. Course material/handouts are given before/after class.		
--	---	---	--	--

			
Member	Member	Coordinator	HOD

Professor & head  
 Department of Mechanical Engineering  
 K.S.R.M. College of Engineering  
 KADAPA - 516 003.



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

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

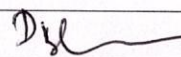
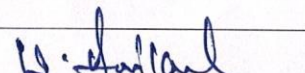
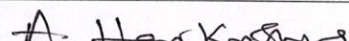

Department	Mechanical Engineering	Year/Semester	I/II
Course Name	Engineering Graphics	Course Code	2003105

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri A. Harikrishna	Coordinator	Asst. Professor	A. Harikrishna
2	Dr. D. Babu	Member	Asst. Professor	D. Babu
3	Dr. D. Ravikanth	Member	Professor	D. Ravikanth

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
<p>Bring awareness that Engineering Drawing is the Language of Engineers.</p> <ul style="list-style-type: none"><li>Familiarize how industry communicates technical information.</li><li>Teach the practices for accuracy and clarity in presenting the technical information.</li></ul>	<ol style="list-style-type: none"><li>Students want to listen teaching in E-class mode because understand the significance and importance of engineering graphics</li><li>The concerned faculty identified few of them are not attending regularly.</li></ol>	<ol style="list-style-type: none"><li>Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every topic.</li><li>The related text books and solved problems are sent before commencement of topics to be covered.</li></ol>	<ol style="list-style-type: none"><li>Difficult to teach the concepts and principles of engineering graphics through E-class.</li><li>Could not identify properly about the students activity in E-class.</li></ol>	<ol style="list-style-type: none"><li>Explain more number of problems to better understanding of concepts.</li><li>Prepare prototype model for engineering graphics</li></ol>

<ul style="list-style-type: none"> <li>Develop the engineering imagination essential for successful design.</li> </ul>	<p>3. Students Requested to visit some you tube lectures, and NPTEL lecture to get more understanding.</p>	<p>3. Course material/handouts are given before/after class.</p>		
--	--	--	--	--

			
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>

**Professor & Head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**



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	II B Tech, IV Semester
Course Name	SEMINAR/Industrial training	Course Code	1803408

Committee Members:

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To Delivering an effective presentation can be the differentiator that provides the competitive edge for you. High impact presentations are well remembered. This program attempts to demystify the stress and	1. These Seminar courses culminate in student driven, team-based projects aimed at identifying and addressing some important aspect of the 'great problem'.	1.Usage of <b>Power Point Presentation</b> and videos for Delivering the given Task for each and every student	1.Difficult to give Demonstration of the topic without the source of Power Point Presentation	1. To Understand the online format allows a dynamic interaction between the instructor and students and among the students themselves.

<p>nerves surrounding a presentation.</p> <p>2.To check the intent is to provide a structured methodology for participants to prepare and deliver an effective, high impact presentation that meets the objectives and brings results.</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 Performing Presentation in Seminars</p> <p>3.Students Requested for Industrial visit and learned the Knowledge which performing the Operations and Delivery the Presentation in Seminars</p>	<p>2. The related topic was Refer through Journals, books, E-Contents and from other sources to Enhance the presentation in seminars</p> <p>3. From the Curriculum the Topics are Explained and the students are get ready to prepare for the given Task before the Actual Seminars.</p>	<p>2. Difficult to understand before the topic which Resources and ideas are shared in seminars</p> <p>3.Difficult to Identify the parameters which are used in upcoming presentation in his Seminars</p>	<p>2. Prepare a Schedule to understand the Resources and ideas are shared, and continuous synergy will be generated through the learning process.</p> <p>3. Explaining How to Overcome Different Each individual can contribute to the seminar discussions and comments on the topic of others.</p>
<p><i>[Signature]</i> Member</p>	<p><i>[Signature]</i> Member</p>	<p><i>[Signature]</i> Coordinator</p>	<p><i>[Signature]</i> HOD</p>	

Professor & Head  
 Department of Mechanical Engineering  
 K.S.R.M. College of Engineering  
 KADAPA - 516 003.



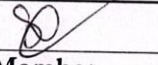
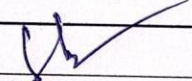
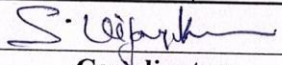
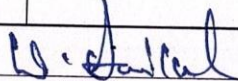
Department of Mechanical Engineering  
**K.S.R.M COLLEGE OF ENGINEERING**  
AUTONOMOUS  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Mechanical engineering	Year/Semester	II B Tech, IV Semester
Course Name		Course Code	1803405

**Committee Members:**

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To know the Importance of Seminars give you intensive exposure to a topic through presentations and discussions led by multiple experts	1 Student wants to Training sessions or seminars must have new ideas and a fresh perspective to capture and hold participants' attention. Otherwise, the content will go in one ear and out the other.	1.Usage of E Content, Photographs & YOUTUBE videos for explaining student can able to understand clearly, we have found that students really come to understand, and take ownership of many of the problems that they identify	1.Difficult to Pronounce in delivering, some rolling of Grammatical mistakes in seminars  2. Difficult to Understand to Deliver the Real Topic of given task	1. To overcome the above weaknesses, continuous and Regressive attending in seminars.

<p>2. Seminars can be a comfortable, open environment for practicing professional communication techniques. According to Learning Development</p> <p>3. To become seminars help you become a better listener, present your arguments and ideas clearly and be open to others' points of view. Group discussions and activities can also let you practice interpersonal skills, such as dealing with conflicting opinions among group members and working together to accomplish assignments or tasks.</p>	<p>2. Therefore, training and seminars must be customized to meet your organization's unique objectives and overcome your audience's particular obstacles. When it comes to training, one size does not fit all.</p> <p>3. Sustainable development education is a core part of the curriculum to prepare students to engage with external stakeholders through seminars</p>	<p>2.this student can able to understand clearly. This is seen as a strength for both staff and students as there is freedom to use the software necessary to do the job.</p> <p>3.Students are Identify ethical, pedagogical and practical challenges of this type of Seminar, present successes, and describe his strategies</p>	<p>3. Students are not Able to Deliver the complete Information with objectives of seminars</p>	<p>2. Explaining topics showing photographs and with all necessary information.</p> <p>3. Exercise few identifying Errors and overcome in Expressing s ideas</p>
 <b>Member</b>	 <b>Member</b>	 <b>Coordinator</b>	 <b>HOD</b>	

**Professor & Head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**





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	I
Course Name	GEOMETRIC MODELING	Course Code	1853101

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri. S. Mahaboob Khan	Coordinator	Asst.Professor	
2	Sri. D. Merwin Rajesh	Member	Assistant Professor	
3.	Sri 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 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 modeling.	1.Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> videos for explaining the various types of dams ,sill ways ,hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand algorithms in c language	1. Suggested to understand the basics in geometric modeling. 2. Explaining more number of geometric problems

Member	Member	Coordinator	HOD



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	I
Course Name	GEOMETRIC MODELING	Course Code	1853101

Committee Members::

S.No	Name	Role	Designation	Signature
1	S.MAHABOOB KHAN	Coordinator	Asst.Professor	
2	D.Merwin Rajesh	Member	Assistant Professor	
3.	u.pradeep kumar	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 geometric modeling are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand soo many equations	1. Suggested to understand the basics in geometric modeling. 2. Explaining more number of geometric problems
Member	Member	Coordinator		HOD

HOD  
Department of Mechanical Engineering  
K.S.R.M. College of Engineering  
KADAPA - 518003.



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

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

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

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Sri.U.Pradeep Kumar	Coordinator	Asst.Professor	
2	Sri.P.Sivaseshu	Member	Asst. Professor	
3	Sri.S.Mahaboob Khan	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 2. The concerned faculty identified few of them are not attending regularly.	1.Usage of <b>Power point presentation , Pen tablet and YOUTUBE</b> 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 NC Concepts	1. Suggested to use more internet Resources .

Member	Member	Coordinator	HOD





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

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

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

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	U.Pradeep Kumar	Coordinator	Asst.Professor	
2	Sri.P.Sivaseshu	Member	Asst. Professor	
3	Sri.S.Mahaboob Khan	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 2. The concerned faculty identified few of them are not attending regularly.	1. QUIZ Questions related to Geometrical Modelling 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 NC Concepts	1. Suggested to use more internet Resources .

Member	Member	Coordinator	HOD

**Professor & Head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**



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

Department	Mechanical Engineering	Year/Semester	I
Course Name	Advanced Optimization techniques	Course Code	1853106

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. D. Ravikanth	Coordinator	Professor	
2	P. K. Chaitanyakanth Reddy	Member	Asst. Professor	
3	Sri. R. Mahesh	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
To understand and apply operation research techniques to design and production problems To understand concept of linear programming techniques and obtaining optimal solution using various linear programming techniques To understand Assignment Problem in order to solve	1. Students not able to understand the optimization concepts through E-class mode. 2. The concerned faculty has identified that the few students are not attending regularly. 3. Students Requested to visit some you tube	1. Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related text books and solved problems are sent before commencement of topics to be covered. 3. Course	1. Difficult to teach the concepts and principles optimization techniques 2. Could not identify properly about the students activity in E-class.	1. Explain more number of problems to better understanding of concepts.

<p>process planning problem</p> <p>To understand various nonlinear programming techniques to solve nonlinear programming problems with constraints and without constraints</p> <p>To learn search techniques to solve nonlinear programming problems with constraints and without constraints.</p> <p>To understand genetic algorithm in order to solve nonlinear programming and travelling salesman problem</p> <p>To learn genetic programming in order to generate programs</p> <p>Applying above techniques to solve design and manufacturing problems</p>	<p>lectures, and NPTEL lecture to get more understanding.</p>	<p>material/handouts are given before/after class.</p>		
<p><i>[Signature]</i></p> <p>Member</p>	<p><i>[Signature]</i></p> <p>Member</p>	<p><i>[Signature]</i></p> <p>Coordinator</p>	<p><i>[Signature]</i></p> <p>HOD</p>	

**Professor & Head**  
**Department of Mechanical Engineering**  
**K.S.R.M. College of Engineering**  
**KADAPA - 516 003.**



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


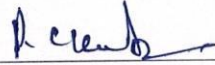

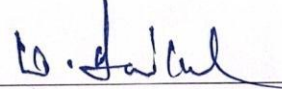
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	I
Course Name	Advanced Optimization techniques	Course Code	1853106

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. D. Ravikanth	Coordinator	Professor	
2	P. K. Chaitanyakanth Reddy	Member	Asst. Professor	
3	Sri. R. Mahesh	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
To understand and apply operation research techniques to design and production problems To understand concept of linear programming techniques and obtaining optimal solution using various linear programming techniques To understand Assignment Problem in order to solve	1. Students not able to understand the optimization concepts through E-class mode. 2. The concerned faculty has identified that the few students are not attending regularly. 3. Students Requested to visit some you tube	1. Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 2. The related text books and solved problems are sent before commencement of topics to be covered. 3. Course	1. Difficult to teach the concepts and principles optimization techniques 2. Could not identify properly about the students activity in E-class.	1. Explain more number of problems to better understanding of concepts.

<p>process planning problem</p> <p>To understand various nonlinear programming techniques to solve nonlinear programming problems with constraints and without constraints</p> <p>To learn search techniques to solve nonlinear programming problems with constraints and without constraints.</p> <p>To understand genetic algorithm in order to solve nonlinear programming and travelling salesman problem</p> <p>To learn genetic programming in order to generate programs</p> <p>Applying above techniques to solve design and manufacturing problems</p>	<p>lectures, and NPTEL lecture to get more understanding.</p>	<p>material/handouts are given before/after class.</p>		
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	

Professor & Head  
 Department of Mechanical Engineering  
 K.S.R.M. College of Engineering  
 KADAPA - 516 003.





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

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

<b>Department</b>	Mechanical engineering	<b>Year/Semester</b>	PG –CAD/CAM
<b>Course Name</b>	RESERCH METHODOLOGY & IPR	<b>Course Code</b>	1800109

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Dr.A.Saravanakumar	Coordinator	Professor	
2	Dr.DharnalingamBabu	Member	Asst.Profeesor	
3	Dr.P.Sreenivas	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 know that how the research paper being evaluated in review process. 2. The concerned faculty suggested to refer some of the renowned journal article for reference purpose –some of the students only done it.	1. Students know very well about Usage of Plagiarism and its software. 2. They are ready to formulate the good research problems and can explain the scope of the issues.	1. Find difficult to collect relevant literature material for the selected and appropriate problem.	1. Suggested to refer science direct website where can get all good articles. 2. Given suggestion to write abstract and Introduction chapter for their project report without Plagiarism.

Member	Member	Coordinator	HOD



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	PG –CAD/CAM
Course Name	RESERCH METHODOLOGY & IPR	Course Code	1800109

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.A.Saravanakumar	Coordinator	Professor	
2	Dr.DharnalingamBabu	Member	Asst.Profeesor	
3	Dr.P.Sreenivas	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 know that different patent application stages and live patent application process.	1. Students already know the patent meaning and worth of getting patent rights. 2. They are well aware about the nature of Intellectual Property	Students not referring the any website and material for IPR related activities. Since all are in PG classes, it is expected to refer some of the materials by self.	1. Suggested to refer IPR websites and Patent right ipindia.gov.in. 2. Given suggestion to refer latest patent filled area and technology transfer.

Member	Member	Coordinator	HOD