

AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate significance of this subject as PCC To check the Uniform Coverage of syllabus	1. Studentswant to listen teaching in E-class mode because to understand the significance and working principles of various manufacturing	1. Usage of Power point presentation, Pen tablet andNPTEL andYOUTUBE videos forexplaining each and	1. Some of the students are facing problem to solve problems related to welding and foundry.	1.Suggested to solve more number of problems/questions related to GATE/IES
according to the Internal Examinations.	processes and application of these processes to manufacture various products.	every topic. 2. The related text books, solved problems and digital		examinations
3.To overcome the shortcomingsfrom students point of view, if any.	2. The concerned faculty identified few of them are not attending regularly.3. Students requested to arrange for local industrial visits.	notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class		

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Member	Member	Coordinator	Department of Wechnical End
	Kadans	.AndharPardesh–516003	K.S.R.M. College of Engine



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

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

Committee Members::

Member

S.No	Name	Role	Designation	Signature
1	K. SURESH KUMAR	Coordinator	Associate Professor	K. Sur L
2	Dr. D. RAVIKANTH	Member	Professor& HOD	Under 1
3	S. VIJAYAKUMAR	Member	Assistant Professor	S 20dayle

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
		Strength	Weakness	
1. To check the uniform Coverage of syllabus according to the external examinations 2. To overcome the shortcomingsfrom students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested to arrange some more industrial visits and provide internships.	1. QUIZ questions related to welding operations, foundry etc. are very useful to enrich the subject knowledge. 2. Study materials—Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are still facing problem to solve problems related to welding and foundry with in the stipulated time.	Suggested to have continuous interaction with local industries to exchange the knowledge in latest developments.

Kadapa, Andhar Pardesh - 516003

Member

Coordinator

Professor & Head spartment of Mechnical Engineering K.S.R.M.P.Ohege of Engineering



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-2021

	The state of the s	10	II / III	
partment	MECHANICAL ENGINEERING	Year/Semester	1111111	100
partment	MATERIAL SCIENCE ENGINEERING	Course Code	1803306	

Committee Members::

S. No	ee Members:: Name	Role	Designation	Signature
1	SRI T.V.S.S.N.MURTHY	Coordinator	Associate Professor	JiMmthy
2	SRI S.VIJAY KUMAR	Member	Associate Professor	S. Woorle
2	Dr.B. SUDHARSHAN	Member	Associate Professor	Dr. B. Suchn

Purpose / Objective	Problems Identified	Result A	analysis	Suggestions for Improvement
		Strength	Weakness	7
To evaluate significance of this subject as PCC. To check the Uniform Coverage of syllabus according to the Internal Examinations. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance of Material Science engineering 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students	Difficult to remember Various methods of calculating the stresses and structural beams.	Suggested to improve the skills in applied Mechanics More emphasis on Various methods of Calculating the stresses.

Dr. B. SUDHARSHAN SRI S.VIJAY KUMAR SRI T.V.S.S.N.MURTHY Dr. D. Ravikanth Member Coordinator Professor & Head	DI.B. SUDIMINITARY		Coordinator	Professor di menu
DY B SUTTON SPIS VIIAV KUMAR SRIT, V.S.S.N.MURTHY Dr. D. Ravikanth		DICI S. VISITI III		Charles Day II Land
Dr. R. S. D. D. Pavillanth	D. D. CUDHADSHAN	SRIS VIJAY KUMAR	SRI T.V.S.S.N.MURTHY	
CIOCLA VILLA STATA	1)X. K. 15-4	S. Calaria	J TOUCOU TOO	D. D. Povikanth
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI T.V.V.S.N.MURTHY	Coordinator	Associate Professor	Monthy
2	SRI S.VIJAY KUMAR	Member	Associate Professor	S. Wijard
3	DR.B. SUDHARSHAN	Member	Associate.Professor	Dr.B. Such

Purpose / Objective	Problems Identified	Result A	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	QUIZ questions related to stress, strain, beams, and columns etc are very useful to enrich the subject knowledge. Study materials – Soft copy circulated among students Syllabus covered in both classes uniformly.	1. Some of the students are facing problem on Beams ,columns and Shafts.	1. To overcome the weaknesses, suggested to practice more on the concept of beams.

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Member	Member	Coordinator	Professor & Head
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Department of Mechanical Engineering K.S.R.M COLLEGE OF ENGINEERING AUTONOMOUS FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ì	MECHANICAL ENGINEERING	Year/Semester	11 /111	
Course Name	1	THERMODYNAMICS	Course Code	1803307	restriction

Committee Members::

S.No	(Name	Role	Designation	Signature
1	U.PRADEEP KUMAR	Coordinator	Assistant Professor	U.TELP
2	K. SURESH KUMAR	Member	Associate Professor	K-S
3	P.K. CHAITANYAKANTH REDDY	Member	Assistant Professor	Cloudy

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
		Strength	Weakness	
This course deals with the indamentals of thermodynamics including nermodynamic systems and roperties, Therelationships among the nermos-physical properties, the laws of thermodynamics and pplications of these basic laws in thermodynamic systems. To check the Uniform coverage of syllabus according to the Internal Examinations.	Studentswant 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. The concerned faculty identified few of them are not attending regularly. Students requested for local site visit of RTTP to see the actual working of steam turbines and Condensers.	1. Usage of Power point presentation, Pen tablet andNPTEL andYOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Difficult to derive the Maxwell Equations and problems.	1.Suggested to solve more number of problems related to steam turbines 2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.
				Professor & Head
			De	partment of Mechnical Engineer CS.R.M. College of Engineering

Member Member

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Coordinator

HOD



SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II / III	
Course Name		Course Code	1803307	1
Course Name	THERMODYNAMICS			

Committee Members::

S.No	Name	Role	Designation	Signature
1	U.PRADEEP KUMAR	Coordinator	Assistant Professor	LI. Tomb
2	K. SŲRESH KUMAR	Member	Associate Professor	K.Sn. Li
3	P.K. CHAITANYAKANTH REDDY	Member	Assistant Professor	chur

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
	The state of the s	Strength	Weakness	
1. To check the uniform Coverage of syllabus according to the external examinations 2. To overcome the shortcomingsfromstudents' 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. QUIZquestions 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	Coordinator	PTDY63SOT & Head
		Caradinatan	OLIAD 0 1
K.Sureshkumar	P.K.Chaitanyakanth Reddy	U.Pradeepkumar \	Dr. D. Ravikanth



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

		New York Control of the Control of t	
Department	MECHANICAL ENGINEERING	Year/Semester	II / III
Course Name	Material Science Mechanics of Solids Lab	Course Code	1803308

Committee Members::

Member

S. No	Name	Role	Designation	Signature
1	A.PRAVEEN KUMAR REDDY	Coordinator	Assistant Professor	1. July
2	P. SIVASESHU	Member	Assistant Professor	Sh 1
3	J. SURESH BABU	Member	Assistant Professor	Swest

Purpose / Objective	Problems Identified	Result A	nalysis	Suggestions for Improvement
		Strength	Weakness	1.Because of the
1. The objective of a Materials Engineer is to predict and control material properties through an understanding of atomic, molecular, crystalline, and microscopic structures of engineering materials. 2. The objective is to learn the fundamental concepts of stress, strain, and deformation of solids with applications to bars, beams, and columns 3. To overcome the	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1.It is very difficult to handle the instruments limicroscope. 2.It is difficult to operate the machines.	number of processes involved in modern
shortcomings from students point of view, if any.	Sires	A.Praveen kum	A ey	Dr. D. Ravikanth
P. Sivaseshu Member	J. Suresh babu Member	Coordina		HOD Professor & Load



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

mbers S.No	Name	Role	Designation	Signature
1	A.PRAVEEN KUMAR REDDY	Coordinator	Associate Professor	A. Londy
2	P. SIVASESHU	Member	Associate Professor	Sh.
2	J. SURESH BABU	Member	Assistant.Professor	Sweet

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 because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly	.1.Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class.	1.It is very difficult to handle the instruments like microscope. 2.It is difficult to operate the machines.	1.Because of the number of processes involved in modern machines, accurate equipment's is needed to ensure that everything is operating properly.

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P. Singaahu M	J. Suresh babu	A.Praveen kumar reddy	Dr. D. Ravikanth
P. Sivaseshu	Member	Coordinator	Professor & Hee
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AUTONOMOUS FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	III/V	
Department	DESIGN OF MACHINE		183502	
Course Name	ELEMENTS	Course Code	105502	

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

Committee Members::

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and design concepts. 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class.	Difficult to follow Design Data book.	.Suggested to solve more number of problems so that student get acquainted with data book and ca able to solve problems easily.

Member Member

Coordinator

HOD
Professor & Head
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Department of Mechanical Engineering

K.S.R.M COLLEGE OF ENGINEERING

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

embers		Role	Designation	Signature
S.No	Name		A ista Duofossor	, W
1	R. RAMAKRISHNA REDDY	Coordinator	Associate Professor	
2	J.SURESH BABU	Member	Assistant Professor	Sicusto
4		Mambar	Associate Professor	Inhuly
3	Dr.P.BHANU PRAKASH	Member	Associate Foreses	

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
		Strength	Weakness	
To check the uniform Coverage of syllabus according to the external examinations 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.	QUIZ questions related to simple bending torsion are very useful to enrich the subject knowledge. Study materials – Soft copy circulated among students Syllabus covered in both classes uniformly.	Difficulty in solving Problems .	Suggested to solve more number of problems so that student gets acquainted with data book and car able to solve problems easily.

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Member	Member	Coordinato



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members:

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

J. STATISTITISE	SITO	Member	Asst	Professor	Oh.
Purpose / Objective	Problems Identified		Result A	Analysis	Suggestions for
1.To provide accuracy at minimum cost. 2. Maintenance of the accuracy of measurement. 3.Determination of process capabilities	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. 2. The concerned faculty identified few of them are not attending regularly.	presentation, YOUTUBE explaining each topic. 2. The related su and digital not	Power point and videos for and every bject material tes are sent mencing the erial/handouts	measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly	to drive decision making requires
		before/after the cl	lass	·	

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Member	Member	Coordinator	HOD
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AUTONOMOUS SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members:

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

Purpose / Objective	Problems Identified	. Result A	Analysis	Suggestions for Improvement
		Strength	Weakness	
To provide accuracy at minimum cost. Maintenance of the accuracy of measurement.	E-class mode because to understand the significance and working principles of various engineering devices and applications. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/hand-outs are supplied to the students before/after the class	1. Weak values and measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly increased in range of possible measurements out comes.	1.Effective use of data to drive decision making requires adequate measurements systems.

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Yan	P. Steenium	
Member	Coordinator	HOD
	Member	Mariban



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

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

Committee Members::

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	P-Specius
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	Sur
3.	Dr.DHARMALINGAM BABU	Member	Asst.Profesor	

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

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Member	Member	Coordinator



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

S. No	Name	Role	Designation	Signature
1	Dr.P.SREENIVAS	Coordinator	Associate Professor	P-SPEENIVOL
2	SRI S. MAHABOOB KHAN	Member	Asst. Professor	Sus
3.	Dr.DHARMALINGAM BABU	Member	Asst.Professor	beloud_

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To provide accuracy at minimum cost. To select proper measuring instrument and know requirement of calibration, errors in measurements.	Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applications. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent before the commencing the class. 3. Course material/hand-outs are supplied to the students before/after the class	1. It is very difficult to get accurate readings due to errors in instruments. 2. Unfortunately ICS Components are not secure by design, these components must work all the time in a protected environment otherwise they don't have mitigation measures.	1.Because of the number of processes involved in modern machines, accurate instrumentation is needed to ensure that everything is operating properly.

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Member	Member	Coordinator	Profe HOD& Head



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

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

Committee Members::

mbers:: S. No	Name	Role	Designation	Signature
	Dr.P.SREENIVAS	Coordinator	Associate Professor	P Steentry.
2 S	SRI S. MAHABOOB KHAN	Member	Asst.Professor	8
3 F	P.SIVA SESHU	Member	Asst.Professor	g_

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
1.To provide accuracy at minimum cost. 2.Maintainance of the accuracy of measurement.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applicatios. 2. The concerned faculty identified few of them are not attending regularly.	Strength 1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class.	Weakness 1. Weak values and measurements have been proposed as means to achieve dramatic enhancements in metrology based on the greatly increased in range of possible measurements out comes.	1.Effective use of da to drive decision making requires adequate measurements systems.
		3. Course material/handouts are supplied to the students before/after the class		

Member Member Coordinator



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To provide accuracy at minimum cost. 2.Maintainance of the accuracy of measurement.	Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applicatios. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related subject material and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	1.In adequate measurement systems may result in appropriate signals or even verse that fail to detect important process changes.	1.Effective use of dat to drive decision making requires adequate measurements systems.

Member Member Coordinator



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

	MECHANICAL ENGINEERING	Year/Semester	III / V
Department	MECHANICAE ENGINEERING		1803504
Course Name	DYNAMICS OF MACHINERY	Course Code	1805504

Committee Members ..

S. No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	Sh
2	R. RAMAKRISHNA REDDY	Member	Associate Professor	a A
2	K. SURESH KUMAR	Member	Associate Professor	K.Su.

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1.It is quite difficult to solve the Derivations for Governor's. 2. Difficult to understand the brakes and dynamometers problems. 3. Virtual view of the theory thought can be helpful for understanding the subject.	Strength 1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Weakness 1. Difficult to understand the topics of vibrations.	1. Suggested to solve more number of problems related to Vibrations. 2. To minimize the problem of subject the virtual view of model need to brought.

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W W	K.30.	Coordinator	DwafHOD 6
Member	Member	Copiuliator	Protessor & Head



AUTONOMOUS

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	Sh4 at
2	R. RAMAKRISHNA REDDY	Member	Associate Professor	
3	K. SURESH KUMAR	Member	Associate 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 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	Assignments are given related to the problems having more difficulties. Study materials – Soft copy circulated among students Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to apply the equations thought in the class but not in the real life.	1. To overcome the weaknesses, suggested to visit the lab for the easy understandings.

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1) At	K.Su.	(My
Member	Member	Coordinator



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	Automobile Engineering	Course Code	1803506

Committee Members::

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Assistant Professor	de
2	A. Hari Krishna	Member	Assistant Professor	
3.	B. Sri Hari	member	Assistant Professor	de la constant de la

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	The concerned faculty identified few of them are not attending regularly. Students Requested for Automobile manufacturing plant visit and study the significance of each components.	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the various parts in Automobile 2. The related text books and Study materials are given before commencement of topics to be covered.	1.Difficult to understand integrated working of different components in a Automobile Engine	Suggested to do the real time projects and get the practical knowledge. Explaining more number of projects related to automobile design and parts

	1	1	10.01
A. Hartrey		D. Marwin Baiach	Dr. D. Ravikanth
A. Hari Krishná	B. Sri Hari	D. Merwin Rajesh	Di. D. Kavikaliti
Member	Member	Coordinator	ProftQDr & Head



AUTONOMOUS

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	D. Merwin Rajesh	Coordinator	Assistant Professor	desel
2	A. Hari Krishna	Member	Assistant Professor	
3.	B. Sri Hari	member	Assistant Professor	1

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	 The concerned faculty identified few of them are not attending regularly. Students Requested for Automobile manufacturing plant visit and study the significance of each components. 	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the various parts in Automobile 2. The related text books and Study materials are given before commencement of topics to be covered.	1.Difficult to understand integrated working of different components in a Automobile Engine, mechanism	1. Suggested to do the real time projects and get the practical knowledge. 2. Explaining more number of projects related to advanced automobile engines and new technologies related

1 0	/,	11
1	deze	
B. Sri Hari	D. Merwin Rajesh	Dr. D. Ravikanth
Member	Coordinator	Professor & head
		6 1



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

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

S.No	Name Sri.P.K.Chaitanya kanth reddy	Role coordinator	Designation Associate professor	Signature
2	Dr.B.Sudharshan	member	Associate professor	Dr. B. Svolm
3	Sri.U.Pradeep Kumar	member	Assistant professor	1. France

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
		Strength	Weakness	
 To evaluate Significance of this subject as PEC. 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.	 Difficult to understand the components and working principles of automation and robotics Difficult to Understand the Manipulator Kinematics, 	 Explaining topics showing photographs and with all necessary components. To create a

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	real time mini Project for actuator for easy understanding of students. 3. Explain many types of sensors and actuator with real time application. 3. Prepare a prototype
Dy. B. Sundan	Member	Coordinate		HOD
Dr.B.Sudharshan	Sri.U.Pradeep Kumar	Sri.P.K.Chaitanya kanth rec	ddy I	Dr.D.Ravikanth Professor & 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	III / V	
Course Name	Mechanical Engg Lab (CAD Lab)	Course Code	1803514	

S.No	Name	Role	Designation	Signature
1	J.Suresh babu	coordinator	Associate professor	Swest
2	Sri.D.Mervin Rajesh	member	Assistant professor	4 0
3	SRI.Ijaj ahammed	member	Assistant professor	Sand

Purpose / Objective	Problems Identified	Result A		Suggestions for Improvement
		Strength	Weakness	
1. 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 working principles of automation and robotics.	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	Difficult to understand the so many commands and practice methods . . Ew of the students are	 Suggested to draw basic components more. Explaining the shortcuts and
2.To overcome the shortcomings		Availle and David selve 51,0002	facing problems in CAD.	advanced commands.

Member	Member	Coordinator	HOD kand
Jula	de		
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. Quiz Questions related to CAD lab 4. Study materials –soft copy of commands used in CAD 5 More practice hours.	



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

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

S.No	Name DrDharmalingamBabu	Role coordinator	Designation Associate professor	Signature
2	Dr.P.Sreenivas	member	Associate professor	P. Steenivy.
3	Sri.P.Sivaseshu	member	Assistant professor	Sh

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

3.To overcome the shortcomings from students' point of view, if any	3.Students Requested for site visit and study the significance of Project Planning	3. Course material/handouts are given before/after class.	3. Expressing difficult in assembling and manufacturing some critical parts in the project.	types of real time
P. Sternius.	Nambar .	Coordinate	ne.	MOD HOD
Member	Member	Coordinator DrDharmalingamBabu		Dr.D.Ravikanth

AUTONOMOUS

SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

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

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

Coverage of syllabus according to the Internal Examinations. 3.To overcome the shortcomings from students' point of view, if any	3.Students Requested for site visit and study the significance of Project Planning	3. Course material/handouts are given before/after class.	3. Expressing difficulty in assembling and manufacturing some critical parts in the project.	Projects for easy understanding of students. 3. Explain many types of real time applications to prepare the models.
P. STECKI W. Member Dr.P.Sreenivas	Member Sri.P.Sivaseshu	Coordinate DrDharmalingamBal	ou I	HOD Dr.D.Ravikanth
			Departme K.S.R.I	nt of Mechnical Engineeri I. College of Engineering KADAPA - 516 003.



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

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

S.No	Name P.K.Chaitanyakanth Reddy	Role coordinator	Designation Associate professor	Signature
2	Sri.U.Pradeep Kumar	member	Assistant professor	LI. Palo
3	SriIjaj ahammed	member	Assistant professor	Tand

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

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	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 material and digital notes are sent before commencement of topics to be covered.3. Course material/handouts are given before/after class.	2. Difficult to Understand the kenotations and some softwares. 3. Expressing diffinassembling and manufacturing softwares in the project.	iculty I me	2. To create a real time miniProjects for easy understanding of students.3. Explain many types of real time applications to prepare the models.	
Member Member	Member	Coordinate	or	U	HOD HOD	
Sri.U.Pradeep Kumar	SriIjaj ahammed	P.K.Chaitanyakanth Reddy		65	.D.Ravikanth	
			De	partmen K.S.R.M	Fof Mechnical Eng. College of Engine (ADAPA - 516 003.	ineerii sering



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

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

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

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

Coverage of syllabus according to the Internal Examinations. 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	material and digital notes are sent before commencement of topics to be covered. 3. Course material/handouts are given before/after class.	Understand the ke notations and some softwares. 3. Expressing diffi in assembling and manufacturing son critical parts in the project.	understanding of students. culty 3. Explain many types of real time applications to
Member Sri.U.Pradeep Kumar	Member SriIjaj ahammed	Coordinate P.K.Chaitanyakanth Rede		HOD Dr.D.Ravikanth

SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

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

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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	2. The concerned faculty identified, few of them are not attending online classes regularly.3. Students Requested for providing knowledge in updated version of softwares in cad/cam.	2. The related text books, and digital notes are sent before commencement of topics to be covered.3. Course material/handouts are given before/after class.	2. Difficult to Understand the programming language of software's in CAD/CAN 3. Expressing difficulty in assembling and manufacturing some critical parts in the project.	M understanding of students. 3. Explain many
LI. Prely	Tond	Chee	2	MOD HOD
Member	Member	Coordinat		Dr.D.Ravikanth
Sri.U.Pradeep Kumar	SriIjaj ahammed	P.K.Chaitanyakanth Red		Prafessor & Head
			K	artment of Mechnical Engineering S.R.M. College of Engineering KADAPA - 516 003.



FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department [ş	MECHANICAL ENGINEERING	Year/Semester	IV /VII	
Course Name	1	Finite Element Method	Course Code	1503703	

Committee Members::

S.No	Name	1 Role	Designation	Signature
1	Dr.B.SUDARSHAN	Coordinator	Assistant Professor	Dr. B. Sum
2	S. VIJAY KUMAR	Member	Associate Professor	S. 208 Payle

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
		Strength	Weakness	
1 To learn and apply finite element solutions to structural, thermal, dynamic problem to develop the knowledge and skills needed to effectively evaluate finite element analyses. 2. To learn the theory and characteristics of finite elements that represent engineering structures. 3. To overcome the shortcomings from students point of view, if any.	1. Typical problem areas of interest include the traditional fields of structural analysis, heat transfer, fluid flow, mass transport, and electromagnetic potential. 2. The concerned faculty identified few of them are not attending regularly. 3 The finite element method (FEM) is a popular method for numerically solving differential equations arising in engineering and mathematical modeling	1. Usage of Power point presentation, Pen tablet andNPTEL andYOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Difficult to derive the structural problems and analysis of the structures	more number of
S. Vijay kumar		Dr.B.Sudar	shan	Dr. D. Ravikanth

S. Vijay kumar Dr. D. Ravikanth

Member Member Coordinator HOD

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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	r.	Mechanical engineering	Year/Semester	IV / VII	
Course Name	1	FINITE ELEMENT METHOD	Course Code	1503703	

Committee Members:

S.No	Name	[]	Role	Designation	Signature
1	Dr.B.SUDARSHAN	i	Coordinator	Assistant Professor	DY. B. Salm
2	S. VIJAY KUMAR		Member	Associate Professor	S. légaple

Purpose / Objective	Problems Identified	Result	Suggestions for Improvement	
		Strength	Weakness	
1. To check the uniform Coverage of syllabus according to the external examinations 2. To overcome the shortcomings fromstudents' point of view, if any in previous meetings.	 Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately The concerned faculty identified few of them are not attending cregularly. Students requested for industry visit and internship in thermal power plants 	1. QUIZquestions related to structured members and analysis of the structures etc. are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	Difficult to derive the structural problems and analysis of the structures .	1.Suggested to solve more number of problems related to structural members. 2. More emphasis on analysis of the structural members.

S Vijav kumar		Dr.B.Sudarshan	Dr. D. Ravikanth
S. Vijay Standord		D8. K. Santan	Prefessor & H
Member	Member	Coordinator	The barries

K.S.R.M. College of Engineering KADAPA - 516 903.



FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	NARESH KUMAR YADAV	Coordinator	Assistant Professor	Not Value
2	,S.VIJAY KUMAR	n Member	Assistant Professor	S. Colont
3	J. SURESH BABU	Member	Assistant Professor	Swiex

Purpose / Objective	Problems Identified	Result Ana	llysis	Suggestions for Improvement
		Strength	Weakness	
1.The purpose of an instrumentation engineer is to Conceptualize, Design, Detail, Maintain and Trouble shoot control system for its client/ industry. 2. Control systems engineering activities are multi-disciplinary in nature. 3. Upon completion of this course, student should be able to know: i. Give a deeper introduction to state-space representation of control systems,	1. Studentswant to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and application of different measuring instruments and various engineering devices. 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for industrial visit of any industry to see the actual working of pressure control devices and flow rate instruments.	1. Usage of Power point presentation, Pen tablet andNPTEL and YOUTUBE videos for explaining each and every topic. 2. Lectures in the classroom. 3. Readings from textbook and other assigned materials. 4. Course Projects. 5. Quizzes/exams.	1Process variables requiring control in a system include, but are not limited to, flow, level, temperature, and pressure	1.Suggested to solve more number of problems related to steam turbines 2. More emphasis on applying laws of thermodynamics to different engineering devices to evaluate their performance under different conditions.
300/1	Swrey	Nach Ya	du/	U Done
S.Vijaykumar	J.Sureshbabu	Nareshkumary	yadav	Dr. D. Ravikanth
Member	Member	Coordinat	tor	Prof HOD & Head



SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

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.	Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately The concerned faculty identified few of them are not attending regularly. Students requested for industry visit and internship in any industry.	QUIZquestions related to boilers, nozzles, turbines, compressors etc. Are very useful to enrich the subject knowledge. Study materials – Soft/copy circulated among students Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to pressure measuring and principles to new engineering devices due to lack of knowledge in their working principle.	1. To overcome the weaknesses, suggested to visit nearbyany industryduring maintenance period of the working condition.

Member	Member	Coordinator	Profession& Head
S.Vijaykumar	J.Sureshbabu	Nareshkumaryadav	Dr. D. Ravikanth
S. Colons	Swelf	North Helm	D. Daley

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI.Ijaj Ahmed	coordinator	Associate professor	- I made
2	Sri.P.K.Chaitanya kanth reddy	member	Associate professor	Clive
3	Dr.D.Ravi kanth	member	Assosciate professor	Medial

Purpose / Objective	Problems Identified Resul		Analysis	Suggestions for Improvement
	V.	Strength	Weakness	
 To evaluate Significance of this subject as PEC. To check the Uniform Coverage of syllabus according to the Internal Examinations. 	1. Students wants to listen teaching in E-class mode because understand the significance and working principles of production processes.	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the components and working principles of production	1. Explaining topics showing photographs and with all necessary components.
to the internal Baumations.	田田 199		2. Difficult to Understand the objectives of	2. To create a

8.To overcome the shortcomings from students', point of view, f 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 Prodcution processes	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.	management operations,	real time mini Project on production processes for easy understanding of students. 3. Explain many types of production processes with proper channel. 3. Prepare a list for the processes
du	10. Salut	Jamed		Just. l
Member	Member	Coordinate		HOD
Sri.P.K.Chaitanya kanth reddy	Dr.D.Ravikanth	SRI.Ijaj Ahmed	Denarime	PrufBesibruthead ntrof Mechnical Engineering N. 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	1	MECHANICAL ENGINEERING	Year/Semester	IV / VII	The state of the s
Course Name	S	QUANTITATIVE ANALYSIS FOR BUSSINESS DECISIONS	Course Code	150E305	

Committee Members::

S.No	Name	Role	Designation	Signature
1	R.MAHESH	Coordinator	Assistant Professor	R. Mahr
2	Dr. D. Ravikanth	Member	Professor	W. Dalul
3	P.K.CHAITANYAKANTH REDDY	Member	Assistant Professor	Chre

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
		Strength	Weakness	
1) Demonstrate the wide range of situations in which quantitative analysis improves decision making and creates competitive advantages; 2) Develop students' analytical thinking skills. 3) Develop mastery of analysis using spreadsheet models, and effective communication of results.	Studentswant 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. The concerned faculty identified few of them are not attending regularly. Students requested for local site visit of RTTP to see the actual working of steam turbines and Condensers.	1. Usage of Power point presentation, Pen tablet andNPTEL andYOUTUBEvideos for explaining each and every topic. 2. Lectures in the classroom. 3. Readings from textbook and other assigned materials. 4. Course Projects. 5. Quizzes/exams.	1.The course covers origin and application of OR, 2.Linear Programming Method, 3.Decision Theory and queuing theory. These concepts help the student in taking decisions for business.	Suggested to more concentration on this topics 1.Linear programming. This technique basically helps in maximizing an objective under limited resources 2. Probability decision theory 3. Game theory 4. Queuing theory 5. Simulation 6. Network techniques.

Dr. D. Ravikanth	P.K.Chaitanyakanthreddy	R.Mahesh	Dr. D. Ravikanth
Member	Member	Coordinator	Pringpor & Head
			E RESTRICTED TO SELECT TO

Radapa, Andhar Pardesh – 516003

College of Engineering KADAPA - 516 003.



SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
	The state of the s	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.	Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately The concerned faculty identified few of them are not attending regularly. Students requested learning theoretical techniques as well as implementing them on real data	 1.Assigned materials. 2. Course Projects. 3. Quizzes/exams. 4. Study materials – Soft copy circulated among students 5. Syllabus covered in both classes uniformly. 	1. Some of the students are facing problem to qualitative methodology intends to understand a complex reality and the meaning of actions in a given context	1. The quantitative techniques help in decision making process in the way that identifies the factors which influence the decisions and quantify them. It becomes easier to resolve the complexity of the decision making.

Dr. D. Ravikanth

Member

P.K.Chaitanyakanthreddy

R.Mahesh

Coordinator

HOD

el

P. M.L.h

Department of Mechnical Engineering
K.S.R.M. College of Engineering



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

embers:		2.1	Designation	Signature
S. No	Name	Role	Designation	20
	S.MAHABOOB KHAN	Coordinator	Asst. Professor	- 6
1	Dr.DHARMALINGAM BABU	Member	Associate Professor	Defri 1
4	Dr. P.BHANU PRAKASH	Member	Assistant Professor	1 minum

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal	Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applicatios.	Strength 1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic.	Weakness 1. It is very difficult to get accurate readings due to errors in instruments.	1.They are designed and built to enhance measurement accurace and to reduce measurement uncertainity.
Examinations. 3. To overcome the shortcomings from students point of view, if any.	engineering devices and applicatios. The concerned faculty identified few of them are not attending regularly.	 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 		2 Metrology labs are guaranteed to have personal with the highest level of technical competence

Member Coordinator

Professor & head

Department of Mechnical Engineering

K.S.R.M. College of Engineering

KADAPA - 516 003.

HOD



K.S.R.M COLLEGE OF ENGINEERING **AUTONOMOUS**

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

Member

lembers:				Signature
S. No	Name	Role	Designation	Signature
	S.MAHABOOB KHAN	Coordinator	Asst. Professor	501
1	Dr.DHARMALINGAM BABU	Member	Associate Professor	D1-1
2	Dr. P.BHANU PRAKASH	Member	Assistant Professor	John Just

Purpose / Objective	Problems Identified	ns Identified Result Analysis		Suggestions for Improvement
1. To evaluate significance of this lab 2. To check the Uniform Coverage of syllabus according to the Internal Examinations.	Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and applicatios. The concerned faculty identified	Strength 1. Usage of Power point presentation, and YOUTUBE videos for explaining each and every topic. 2. The related lab manuals and digital notes are sent	Weakness 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 accurac and to reduce measurement uncertainity.
3. To overcome the shortcomings from students point of view, if any.	few of them are not attending regularly.	before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class		2 Metrology labs ar guaranteed to have personal with the highest level of technical competence

HOD

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

Coordinator



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

-	MECHANICAL ENGINEERING	Year/Semester	IV/ VII	or having charge
Department	MECHANICAL ENGINEERING	Course Code	1503716	
Course Name	MINOR PROJECT	Course cour		

Committee Members:

Ommitte	ee Members		D	Signature
S. No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	She
2	NARESH KUMAR YADAV	Member	Assistant Professor	North Yola

Purpose / Objective	Problems Identified	Result	Suggestions for Improvement	
		Strength	Weakness	
1. The Students apply the programming knowledge on real-world program. 2. To undertake a short research training outside the classroom	1. Need to visit the nearest Companies and know the problems in the Mechanical.	 Using of different Software's / analytical methods. Referring the different journals published. 	1. Need to visit the nearest Companies and know the problems in the Mechanical.	1. Visiting to the nearest companies and knowing the problems and giving the minor project to students and getting a solution to the problem and givin it to the Industries gives a Appreciation to The students as well a for the college.

	그렇지 하는 그 보는 것은 것들이 있었다. 그는 그들은 전에 가는 살으면 있다.	A1	
	N / O	Chr	U. Harl
Mambar	Member	Coordinator	HOD
Member	Member		Liniagani di U690



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	P. SIVA SESHU	Coordinator	Assistant Professor	She
2	NARESH KUMAR YADAV	Member	Assistant Professor	Nanh Xela

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	Lack of knowledge in the Topics to be selected.	 Using of different Software's / analytical methods. 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.

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Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Member

S.No	Name	Role	Designation	, Signature
1	D.Merwin Rajesh	Coordinator	Assistant Professor	de
2	P.K. Chaitanya Kanth Reddy	Member	Assistant Professor	chur

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
Uniform Coverage of syllabus. To overcome the shortcomings from students' point of view, if any	Students want to listen teaching in E-class mode because understand the significance and fundamentals of Different advanced steps in ANSYS 2. The concerned faculty identified few of them are not attending regularly. Students Requested for workshop on ANSYS rea	QUIZ Questions related to Ansys mechanical APDL are very useful to enrich the subject knowledge. Study materials – Soft copy circulated among students Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various power plant equipment	Suggested to practice basic structural analysis projects. Explaining more number of real time projects
^				

P.K. Chaitanya Kanth Reddy

D.Merwin Rajesh

Member

Coordinator

Dr. D. Ravikanth

HQD

Professor & fread

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

	500				
Department	1	Mechanical engineering	Year/Semester	IV/ VII	
Course Name	18	Introduction To Ansys	Course Code	1503717	- 39

Committee Member

S.No	Name	Role	Designation	Signature
1	D.Merwin Rajesh	Coordinator	Assistant Professor	de l
2	P.K. Chaitanya Kanth Reddy	Member	Assistant Professor	Clini

Purpose / Objective	Problems Identified	Problems Identified Result Ana		Suggestions for Improvement	
A. T.		Strength	Weakness		
1. Uniform Coverage of syllabuse with the syllabuse of syllabuse with the syllabuse of the	Students want to listen teaching in E-class mode because understand the significance and fundamentals of Different advanced steps in ANSYS 2. The concerned faculty identified few of them are not attending regularly. Students Requested for workshop on ANSYS rea	1. QUIZ Questions related to ANSYS WORKBENCH are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	Some of the students are facing problem to understand real time problems in various analyses in workbench	Suggested to learn all the respective commands and procedure. Explaining more number of projects relate to CFD	

P.K. Chaitanya Kanth Reddy

D. Merwin Rajesh

Member

Coordinator

Property Lead



Department of Mechanical Engineering K.S.R.M COLLEGE OF ENGINEERING AUTONOMOUS DET COLLEGE DEPORT (CRC) 202

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department		MECHANICAL ENGINEERING	Year/Semester	I	
Course Name	2	GEOMETRIC MODELLING	Course Code	1853101	

Committee Members::

				-	
S.No	Name	4	Role	Designation	Signature
1	Sri C. Nagaraja	t	Coordinator	Assistant Professor	my ange
2	Sri S. Mahaboob khan		Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomingsfrom students point of view, if any.	Studentswant to listen teaching in E-class mode because to understand the significance and fundamentals of geometric modeling The concerned faculty identified few of them are not attending regularly. Students requested for basics in C language algorithms related to geometric modelling	1. Usage of Power point YOUTUBE videos for explaining the explaining the various types of dams, sill ways, hydraulic turbines, wind turbines, power plant equipment 2. The related text books, and study materials are given before commencement of topics to be covered.	Difficult to understand algorithms in C language	1.Suggested to understand the basics in geometric modeling 2. Explaining more number of geometric problems

• ^	Macango	11.00
Marybar	Coordinator	mHOD and broad
Member	Coordinator	Pitnessor & nead



K.S.R.M COLLEGE OF ENGINEERING

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

Mechanical engineering	Year/Semester	
Computer Integrated Manufacturing	Course Code	1853102
	Computer Integrated	Computer Integrated Course Code

Committee Members::

Member

.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	Signature
2	Sri U.Pradeep Kumar	Member	Asst. Professor	
3	Sri.D.Merwin Rajesh			
3	Sri.D.Merwin Rajesh	Member		Asst.Professor

teaching in E-class mode because understand the significance and fundamentals of Power plant engineering 2. To overcome the shortcomings from students' point of view, if any 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 components for soft authorized to Computer Integrated Manufacturing are very useful to enrich the subject knowledge in hardware and software components for soft authorized to Computer Integrated manufacturing are very useful to enrich the subject knowledge in hardware and software components for soft	Weakness . Some of the students re facing problem to inderstand real time roblems in control of manufacturing,	1. Suggested to draw group technology and concurrent engineering and
attending regularly. 3. Students Requested to understand the case studies on FMS and CIM systems automation 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both	utomated material andling, storage and etrieval systems	develop skill in the developing automated process plans using variant and generative approaches 2. Explaining more number of projects related to mechanics.

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Coordinator

Member



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	C:1
1	B.SRIHARI	Coordinator		Signature
	C.: II D. I. W	Coordinator	Asst.Professor	
2	Sri U.Pradeep Kumar	Member	Asst.Professor	117000
3	Sri.D.Merwin Rajesh	24-1		
	and the state of t	Member	Asst.Professor	a D

Purpose / Objective	Problems Identified	Result A	nalysis	Suggestions for Improvement
Uniform Coverage of syllabus. 2.To overcome the shortcomings from students' point of view, if any	1. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Power plant engineering 2. The concerned faculty identified few of them are not attending regularly. 3. Students Requested to understand the case studies on FMS and CIM systems	1. QUIZ Questions related to Computer Integrated Manufacturing are very useful to enrich the subject knowledge in hardware and software components for soft automation 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	Weakness 1. Some of the students are facing problem to understand real time problems in control of manufacturing, automated material handling, storage and retrieval systems	1. Suggested to draw of control of manufacturing, automated material handling, storage and retrieval systems 2. Explaining more number of projects related to CAPP & MRP Topics.

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Member	ans.	00
Member 1	Member	Coordinator

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	9	Role	Designation	Signature
1	K. SURESH KUMAR		Coordinator	Associate Professor	K-Su-1-
2	D. MERWIN RAJESH		Member	Assistant Professor	de - 6
3	C. NAGARAJA		Member	Assistant Professor	man

Purpose / Objective	Problems Identified	Result A	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 shortcomingsfrom students point of view, if any.	1. Studentswant 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 arrangefor industrial visits.	1. Usage of Power point presentation, Pen tablet andNPTEL andYOUTUBE videos forexplaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Some of the students are facing problem to develop G codes and M codes for CNC machines.	Suggested to have continuous interaction with local industries to exchange the knowledge in latest developments. To go through the more number of case studies

den	Neparto	K.S	Profusor & head
Member	Member	Coordinator	Department of Opinical Engineering
	Kadapa	,AndharPardesh–516003	K.S.R.M. College of Engineering



SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members:

S.No	Name 0	Role	Designation	Signature
1	K. SURESH KUMAR	Coordinator	Associate Professor	K.Su - L
2	D. MERWIN RAJESH	Member	Assistant Professor	de e
3	C. NAGARAJA	Member	Assistant Professor	MINE

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 shortcomingsfrom students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested to arrange some more industrial visits and provide internships.	1.Case studies related to different manufacturing systems like CAPP, Group Technology, FMS and CIM are very useful to students to enrich the subject knowledge. 2. Study materials—Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to implement their knowledge to solve real technical problems facing in local industries.	Suggested to have continuous interaction with local industries to exchange the knowledge in latest developments.

Member K.Su. L.
Coordinator

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

Purpose / Objective			analysis	Suggestions for Improvement
		Strength	Weakness	
To understand and apply operation and research techniques to design and production. To evaluate significance of this subject as optimization. To check the Uniform Coverage of syllabus according to the Internal Examinations. To overcome the shortcomings from students point of view, if any. To understand Assignment problems in order to process planning problems. To Understand genetic algorithm in order to solve	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. The concerned faculty identified few of them are not attending regularly. Students requested visit some you tube lectures, and NPTEL lecture to get more understanding.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Difficult to teach the concepts and principles optimization techniques. Could not identify properly about the students activity in E- class,	1.Explain more number of problems to better understanding of concepts.

nonlinear programming and travelling salesman problem.			

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Member	Coordinato



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

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

Committee Members::

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

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	QUIZ questions related to boilers, nozzles, turbines, compressors etc. are very useful to enrich the subject knowledge. Study materials – Soft copy circulated among students 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.

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Member	Coordinator	Pref Shor & Iread

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	MECHANICAL ENGINEERING	Year/Semester	П / ПІ	
Course Name	MATERIAL SCIENCE ENGINEERING	Course Code	1803306	

Committee Members::

S. No	Name	Role	Designation	Signature
1	SRI T.V.S.S.N.MURTHY	Coordinator	Assistant Professor	J Mhot My
2	SRI S.VIJAY KUMAR	Member	Assistant Professor	S. log-rele
	DR.B. SUDHARSHAN	Member	Associate Professor	DY. R. Sulm

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.	Students want to listen teaching in E-class mode because to understand the significance of Material Science engineering The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Difficult to remember types of phase diagrams Difficult to analyse the Properties of Cast Iron.	Suggested to improve the skills in Fundamental Properties of Materials More emphasis on Heat treatment processes.

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



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	11 / 111	
Course Name	MATERIAL SCIENCE ENGINEERING	Course Code	1803306	

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI T.V.S.S.N.MURTHY	Coordinator	Assistant Professor	Thuthy
2	SRI S.VIJAY KUMAR	Member	Assistant Professor	Slagran
3	DR.B. SUDHARSHAN	Member	Associate.Professor	Dr. B. Culn

Dr. B. Inlun

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Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
•	•	Strength	' Weakness	•
1. To check the uniform Coverage of syllabus according to the external examinations 2. To overcome the shortcomings from students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class mode and black boards teaching to understand the topics elaborately 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for industry visit and internship in thermal power plants	1. QUIZ questions related to stress, strain, beams, and columns etc are very useful to enrich the subject knowledge. 2. Study materials – Soft copy circulated among students 3. Syllabus covered in both classes uniformly.	1. Some of the students are facing problem on Equilibrium diagrams.	To overcome the weaknesses, suggested to practice more on the concept of Equilibrium Diagram

Member	Member	Coordinator	HOD & Load
SRI S.VIJAY KUMAR	SRÍ Dr.B. SUDHARSHAN	SRI T.V.S.S.N.MURTHY	SRI Dr.D.RAVI KANTH
Slogal	Dr. B. Sulm	Tranthy	



SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	V	1
Course Name	Mechanical	Course Code	1803513	
L.	EnggLab(Thermal -1)		The state of the s	- 1

Committee Members::

S.No	Name	1	Role	Designation	Signature
1	C. NAGARAJA	•	Coordinator	Assistant. Professor	or some
2	K. SURESH KUMAR		Member	Associate Professor	K.S.
3	Sri T.V.VS.N.Murthy		Member	Professor	TIMA HE

Purpose / Objective	Problems Identified	Result	Result Analysis Sug Im	
		Strength	Weakness	
1. To check the uniform Coverage of syllabus according to the external examinations 2.To overcome the shortcomings from students' point of view, if any in previous meetings.	1. Students want to listen teaching in E-class modebecause understand the signifiance and fundamentals 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Power point presentations, pen tblet and YOU TUBEvideos for explaining. 2. The related text books and Study materials are given before commencement of topics to be covered. 1. Difficult to understand the Machine tools Concepts		1. Suggested to use more interest Resources.
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Member Coordinator

Profeton & head

Profeton & head

Department of Mechnical Engineering

K.S.R.M. College of Engineering

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical Engineering	Year/Semester	II/ III	
Course Name	Strength of material	Course Code	1803305	3

Committee Members::

S.No	Name	Role	Designation	Signature
1	SRI.Ijaj Ahmed	coordinator	Associate professor	Ji. ma
2	Sri.B.Sreehari	member	Associate professor	
3	Sri.c.Nagaraja	member	Assosciate professor	mang

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
 To evaluate Significance of this subject as PEC. To check the Uniform Coverage of syllabus according to the Internal Examinations. 	1. Students wants to listen teaching in E-class mode because understand the significance of strength of materials	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the aspects which exists in the strengthof material subject	1. Explaining topics showing photographs and with all necessary Equipment.
	2. The concerned faculty		2. Difficult to Understand the objectives of strength of	2. To create a

3.To overcome the shortcomings from students' point of view, if any	identified, few of them are not attending online classes regularly. 3. Students Requested for site visit and study the significance of SOM	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.	materials,		real time mini Project on som for easy understanding of students. 3. Explain many aspects which are included in strength of materials with proper channel. 3. Prepare a list for the concepts
1 26	Joja Je	Tud		L.	o. Lal
Member	Member	Coordinate	or		HOD
Sri. B.Sreehari	Sri.c.Nagaraja	SRI.Ijaj Ahmed			D.Ravikanth
			De	partment/of K.S.R.M. Co KAD	essor & Head Mechnical Engineer bliege of Engineerin APA - 516 003.



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

Department	Mechanical engineering	Year/Semester	1/1
Course Name	CAD LAB	Course Code	1853111

Committee Members::

S.No	Name	Role	Designation	Signature
1	S.Vijay Kumar	Coordinator	Asst.Professor	S rejoyck
2	R.Mahesh	Member	Assistant Professor	R. M. Linh
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.	1. Studentswant to listen teaching in E-class mode because understand the significance and fundamentals of machine drawing and basics in catia v5	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the basic command AUTOCAD	Difficult to understand the so many command and practice methods	Suggested to draw basic components IN AUTOCAD more. Explaining the shortcuts and advanced commands
2.To overcome the shortcomings from students' point of view, if any	2. The concerned faculty identified few of them are not attending regularly.3. Students Requested for more practice hours to practice	2. The relatedtext books and practice manuals & materials are given before commencement of topics to be covered.		
U. Parp	R. M.	Sleppe		(October 1)
Member	Member	Coordinator	p	HOD



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SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) PG 2020-21

Department	Mechanical engineering	Year/Semester	1/I
Course Name	CAD LAB	Course Code	1853111

Committee Members::

S.No	Name	Role	Designation	Signature
1	S.Vijaykumar	Coordinator	Asst.Professor	Salopul
2	R.Mahesh	Member	Assistant Professor	RMah
3	U.pradeepkumar	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
Uniform Coverage of syllabus. To overcome the shortcomings from students' point of view, if any	Students want to listen teaching in E-class mode because understand the significance and fundamentals of Machine drawuing The concerned faculty identified few of them are not attending regularly.	QUIZ Questions related to CAD Study materials – Soft copy of commands used in AUTOCAD,CATIA More practice hours.	1. few of the students are facing problem in COMPLEX drawing	Suggested to draw basic assembly drawing and advanced assembly. Explaining more number of assembly drawing and procedure
P. M.L.	U. P. Lup	Salabayak	0.4	Soul
Member	Member	Coordinator	Profess	DP & Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	4 9
2	Dr.A.Saravanakumar	Member	Professor	X11. 60
3	Sri.P.Sivaseshu	Member	Asst.Professor	M. M.

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
1. To check the Uniform	1 54	Strength	Weakness	
Coverage of syllabus according to the Internal Examinations. 2.To overcome the shortcomings from students' point of view, if any	 Students want to listen teaching in E-class mode because understand the significance and fundamentals of Engineering Mechanics The concerned faculty identified few of them are not attending regularly. Students Requested to visit local workshops and study the significance of each equipment. 	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the various types of Inversions of Four bar mechanisms 2. The related text books and Study materials are given before commencement of topics to be covered.	Difficult to understand the components and working principles of Mechanical Equipment	Suggested to draw the free body diagrams for various mechanisms and identify the types of pairs present in each mechanism. Explaining more number of projects related to mechanics.

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Member	Member	Coordinator

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.SRIHARI	Coordinator	Asst.Professor	a 4 21
2	Dr.A.Saravanakumar	Member	Professor	21.1.
3	Sri.P.Sivaseshu	Member	Asst.Professor	Dr. Jungstum

Purpose / Objective	Problems Identified	Result	Suggestions for Improvement	
		Strength	Weakness	
 Uniform Coverage of syllabus. 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.	QUIZ Questions related to Engineering Mechanics are very useful to enrich the subject knowledge. Study materials — Soft copy circulated among students Syllabus covered in both classes uniformly.	1. Some of the students are facing problem to understand real time problems in various equipment	Suggested to draw the free body diagrams for various mechanism and identify the types of pairs present in each mechanism . Explaining more number of projects related to mechanics

Member Member Coordinator