

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	K.C.
3	C. NAGARAJA	Member	Assistant Professor	(Wellson)

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
		Strength	Weakness	
1. To evaluate significance of this subject as PCC 2. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3. To overcome the shortcomings from students point of view, if any.	1. Students want to listen teaching in E-class mode because to understand the significance and working principles of various engineering devices and application of thermodynamic laws to various engineering devices. 2. The concerned faculty identified few of them are not attending regularly. 3. Students requested for local site visit of RTTP to see the actual working of steam turbines and Condensers.	1. Usage of Power point presentation, Pen tablet and NPTEL and YOUTUBE videos for explaining each and every topic. 2. The related text books, solved problems and digital notes are sent before the commencing the class. 3. Course material/handouts are supplied to the students before/after the class	Difficult to draw the velocity diagrams for impulse and reaction turbines	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.

Member Coordinator HOD



SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

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 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.

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Member	Coordinator
	Member

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Department of Mechanical Engineering

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II/1V	
Course Name	Kinematics of machinery	Course Code	1803403	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	Marul
2	Dr.V.S.S.MURTHY	Member	Professor	1.5.5. Muly
3	Sri A.HARIKRISHNA	Member	Asst.Professor	A. Harkingha

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement	
		Strength	Weakness		
 To overcome the shortcomings from students' point of view, if any. 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 kinematics of machinery 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 Power point presentation and YOUTUBE videos for explaining the kinematics of machinery and Use of dta 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 kinematics of machinery	Suggested to write all technical names in note book related to kinematics of machinery. Explaining more number of live projects.	

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Member	Member	Coordinator	Profesoor & head



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Mechanical engineering	Year/Semester	II/IV	Andrew 1
Course Name	Kinematics of machinery	Course Code	1803403	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	Transl
2	Dr.V.S.S.MURTHY	Member	Professor	> V. S. S. Mulh
3	Sri A.HARIKRISHNA	Member	Asst.Professor	11-400

Purpose / Objective	Problems Identified	Problems Identified Result Analysis		Suggestions for Improvement
		Strength	Weakness	
 Uniform Coverage of syllabus. To overcome the shortcomings from students' point of view, if any 	 The concerned faculty identified few of them are not maintaining class notes properly. Students Requested for biodiversity analysis in India (For Discussion). 	 QUIZ Questions related to Environmental science 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 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.

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Member	Member	Coordinator	PrefcHQD& head

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

Committee Members:

Role	Designation	Signature
Coordinator		S Ogby Jenn
Member		Chry
Member	Asst.Professor	VN-7
	Coordinator Member	Coordinator Asst.Professor Member Asst.Profeesor

Purpose / Objective	Problems Identified	Result	Suggestions for Imptovement	
		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 Power Point Presentation and YOUTUBE 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 th Principles and Operations of Devises in Instrumentation & Control Systems Laboratory 2. Explaining How t

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2.To check the Uniform Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty Identified few of them are not attending regularly.	2. The related text books are Refer before commencement of topics to be covered.	2. Difficult to Identify the Measuring Errors Unless Otherwise to study of Static & Dynamic Errors	Overcome Different Types of Errors Arise when it Perform in Particular Measuring Quantity
3.To overcome the shortcomings from students' point of view, if any	3.Students Requested for Industrial visit and study the significance of Measuring Devises	3. Course material / E-Contents are given before /after class.	3.Difficult to Identify the Parameters of Measuring Instruments	3. Prepare a Schedule to understand the Instruments to Measuring the Respective Parameter
Member	Member	S. Wijortham Coordinator	LI 'D	ollal

Professor & Head

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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	Course Code	Control of the Contro
	Systems	Course Code	1803405

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri S. Vijaya Kumar	Coordinator	Asst.Professor	2.2081
2	Sri P. Siva Seshu	Member	Asst.Profeesor	S. Carrier
3	Sri S. Mahboob Khan	Member	Asst.Professor	M Sh

Purpose / Objective	Problems Identified	Result	Analysis	Suggestions for Improvement
1 70 1		Strength	Weakness	
To know the Importance of Instrumentation and Control Systems which are Used in Advanced Digital Technologies in Industries	1 Student wants to listen teaching in E-class mode and black boards teaching because understand the topics elaborately.	1.Usage of E Content, Photographs and YOUTUBE videos for explaining each and every topic by this student can able to	1.Difficult to understand the components and working principles of Measuring Instrument even with E-Content.	1. To overcome the above weaknesses, visit a real time ongoing Internships to
2. To check the Uniform Coverage of syllabus according to the External Examinations.	2. The concerned faculty identified few of them are not because of irregularity	understand clearly. 2. The related lecture notes hand over before commencement of topics	2. Difficult to Understand the Quality checks in	understand clearly. 2. Explaining

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3. To overcome the shortcomings from students' point of view, in previous meeting like Videos and Field Visits	of attending classes. 3. Students Requested for Attend internship Programs In Industries. 4. Prescribed Text book for Acts is not available in the Central Library	to be covered 3. Students are Identify The Instrument Devises To Obtain the Different Parameters like Temperature, Pressure, Level and Strain etc	3. Students are not Able to understand the complete Information in Control Systems	topics showing photographs and with all necessary components. 3. Exercise few Control System problems in identifying critical points.
80	Sha	S. Worth	- (Lastrole: 6
Member	Member	Coordina		HOD & Head

Professor & Head

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

Department Course Name	Mechanical engineering	Year/Semester	VI	
course (value	Computer Aided Machine Drawing	Course Code	1803406	

Committee Members::

S.No	Name	Role	D	T (20 30 10 10 10 10 10 10 10 10 10 10 10 10 10
1	Sri.B.Srihari	Coordinator	Designation	Signature
2	D Marwin Rojech	Coordinator	Asst.Professor	
	D.Merwin Rajesh	Member	Assistant Professor	1.
3.	U. Pradeep Kumar		Assistant Professor	Net D
		Member	Assistant professor	mel 10

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

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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Code 1803406

Committee Members::

.No	Name	Role	Designation	G. 4
1	B.SRIHARI	Coordinator	Designation	Signature
_	D.Merwin Rajesh	Coordinator	Asst.Professor	
	D.Merwin Kajesii	Member	ASSt. Professor	11
3	U.pradeep kumar	Mountain		Jane
		Member	Asst.Professor	15

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
1.11.10		Strength	Weakness	za provement
1. Uniform Coverage of syllabus. 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 Machine drawuing The concerned faculty identified few of them are not attending regularly.	QUIZ Questions related to MACHINE DRAWING Study materials – Soft copy of commands used in CATIA V5 More practice hours.	few of the students are facing problem in assembly drawing	Suggested to draw basic assembly drawing and advanced assembly. Explaining more number of assembly drawing and procedure
Seci O	Drush		10.4	10.
Member	Member	Coordinator	Professor	=/but

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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	82mg
2	Sri.P.Sivaseshu	Member	Asst.Profeesor	Christ
3	P.Sreenivas	Member	Asst.Professor	P. Steening.

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
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 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 Power point presentation and YOUTUBE 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.

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



SECOND 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	Quant
2	Sri.P.Sivaseshu	Member	Asst.Profeesor	Shing
3	P.Sreenivas	Member	Asst.Professor	P. Steens Vy

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	300
 Uniform Coverage of syllabus. To overcome the shortcomings from students' point of view, if any 	 The concerned faculty identified few of them are not maintaining class notes properly. Students Requested for biodiversity analysis in India (For Discussion). 	QUIZ Questions related to Environmental science 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 endangered and endemic species unit	1. Suggested to review once again same unit for better understanding of endangered and endemic species 2. Review the Hot spots of India according to Geographical

P. Steenivo.	Chry	7 Sums	10:00
Member	Member	Coordinator	HOD

Professor & Head

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Department of Mechanical Engineering

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	Mechanical engineering	Year/Semester	III/VI	
Department	Machine Tolols	G C-1-	1803601	
Course Name	Machine Tolois	Course Code	1005001	

Committee Members::

S.No	Name	Role	Designation	Signature
	Sri.J.Suresh babu	Coordinator	Asst.Professor	Sionesia
2	DrP.Sreenivas	Member	Asst.Professor	P. Sneeniva
3	Dr.A.Saravana kumar	Member	Professor	29

Purpose / Objective	Problems Identified	Problems Identified Result Analysis		
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	Studentswant to listen teaching in E-class mode because understand the significance and fundamentals The concerned faculty identified few of them are not attending regularly.	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining 2. The related text books and Study materials are given before commencement of topics to be covered.	Weakness 1. Difficult to understand the Machine tools Concepts .	1. Suggested to use more internet Resources .

P. Siegnivo Goodinator HOD

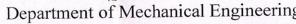
Member Coordinator

Professor & Head

Department of Mechnical Engineering

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

D 44	Mechanical engineering	Year/Semester	III/VI	
Department	Machine Tolols	Course Code	1803601	
Course Name		Course cour		

Committee Members::

S.No	Name	Role	Designation	Signature
1 Sri.J.Suresh ba	ıbu	Coordinator	Asst.Professor	Sweet
2 DrP.Sreeniva	S	Member	Asst.Professor	P. Shenivos
3 Dr.A.Saravana	kumar	Member	Professor	89

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
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	Studentswant to listen teaching in E-class mode because understand the significance and fundamentals The concerned faculty identified few of them are not attending regularly.	Strength 1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining 2. The related text books and Study materials are given before commencement of topics to be covered.	Weakness 1. Difficult to understand the Machine tools Concepts	1. Suggested to use more internet Resources .
P. Steenivos.	Member	Swe	ator	HOD HOD

Professor & Head

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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	P. Steenjus.
2	Sri. J.Suresh babu	Member	Asst.Profeesor	Siones
3	Sri R.mahesh	Member	Asst.Professor	Trouvel

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
 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 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 Power point presentation and YOUTUBE videos for explaining the Design of Machine elements and Use of data books 2. The related text books and Study materials are given before commencement of topics to be covered.	1. Difficult to follow-up and facing issues to remember all the terms related to Design of machine elments.	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.

Property -	Smelt		G. Salcal
Member	Member	Coordinator	ProHODr & Head

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

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

Purpose / Objective	Problems Identified Result Analysis		Result Analysis	
		Strength	Weakness	
 Uniform Coverage of syllabus. 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.

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Member	Member	Coordinator	Prove HODnical Engl
		arPardesh–516003	KS.R.M. College of Engine



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

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

Committee Members::

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

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

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Member	Member	Coordinator	a Sallo

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri.R.MAHESH	Coordinator	Asst.Professor	Tracher
2	Dr.D.RAVIKANTH	Member	Professor	li Hil
3	Sri P.CHAITANYA KANTH	Member	Asst.Professor	(a).·

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
 To overcome the shortcomings from students' point of view, if any. 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 Power point presentation and YOUTUBE 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	Suggested to write all technical names in note book related to operations research. Explaining more number of live projects.

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	Kadapa,An	dharPardesh–516003	Department of Mechnical Linguistering K.S.R.M. College of Engineering K.S.R.M. College of Engineering KADAPA - 516 003.
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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	Signaturg
1	B.SRIHARI	Coordinator	Asst.Professor	
2	Dr.A.Saravanakumar	Member	Professor	Bungo
3	Sri.P.Sivaseshu	Member	. Asst.Professor	(my

s mode because pow ve nd the significance and	Strength QUIZ Questions related to ver plant engineering are ery useful to enrich the	Weakness 1. Some of the students are facing problem to	Suggested to draw
s mode because pow ve nd the significance and	ver plant engineering are		1. Suggested to draw
ing 2. S cop study d few of them are not g regularly. 3. S class ant, and hydro power it and study the	ject knowledge. Study materials – Soft by circulated among dents Syllabus covered in both	understand real time problems in various power plant equipment	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
Chry	2	7.1	Intal
Member	Coordinate	or see	HODad
1	oncerned faculty d few of them are not g regularly. onts Requested for thermal ant, and hydro power it and study the nce of each equipment. Member	copy circulated among students gregularly. Ints Requested for thermal ant, and hydro power it and study the nce of each equipment.	copy circulated among students 3. Syllabus covered in both classes uniformly. Interpretation of them are not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not gregularly. Interpretation of the mare not great



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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	4 9/6
2	Dr.A.Saravanakumar	Member	Professor	(Burg
3	Sri.P.Sivaseshu	Member	Asst.Professor	Sarry

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. Students want to listen teaching in E-class mode because understand the significance and fundamentals of Power plant engineering 2. The concerned faculty identified	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the various types of dams, sill ways, hydraulic	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
2.To overcome the shortcomings from students' point of view, if any	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.	turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.		each component better . 2. Explaining more number of projects related to solar and tidal power generation projects

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2 grueg	Chry		D. Dan Can
Member	Member	Coordinator	HOD

Kadapa, Andhar Pardesh – 516003 www.ksrmce.ac.in Professor & Head

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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. Su. 1.
2	R.Ramakrishna Reddy	Member	Asso.Professor	
3	Sri.A.Harikrishna	Member	Asst.Professor	Allerkons

Purpose / Objective	Problems Identified	Result	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 to play YOUTUBE videos to understand the working concepts clearly	QUIZES & Assignments related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge. 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 Jet Propulsion systems.	Suggested to follow YOUTUBE videos for better understanding. Students are instructed to attend classes regularly

	A. Harikasha	K.Su.	10. A scal
Member	Member	Coordinator	HOD a tread

Kadapa,AndharPardesh–516003 www.ksrmce.ac.in Professor & Freed

Professor & Freed

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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	K. Su A W
2	R.Ramakrishna Reddy	Member	Asso.Professor	
3 .	Sri.A.Harikrishna	Member	Asst.Professor	A. Harrishns

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 	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.

1			1 1 1
	A. Harknows	K.Su.	D. Da cal
Member	Member	Coordinator	HOD

Kadapa, Andhar Pardesh – 516003 www.ksrmce.ac.in Professor & Head

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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	Do. 3. Su
2	Dr.V.Sathiyamoorthy	member	Associate professor	man 1
3	Sri. Mervin Rajesh	member	Assistant professor	104-

Purpose / Objective	Problems Identified	Result A	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 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,	 Explaining topics showing photographs and with all necessary components. 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
am	and the second	Dr.B. Su	18	J'you lail
Member	Member	Coordinate		HOD
Dr.V.Sathiyamoorthy	Sri. Mervin Rajesh	Dr.B.Sudars	han	Dr.D.Ravikanth

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

	Mechanical Engineering	Year/Semester	IV / VIII
epartment	Mechanical Engineering	Tearro	1502001
Course Name	Automation and robotics	Course Code	1503801

Committee Members::

- T	Name	Role	Designation	Signature
S.No		coordinator	Associate professor	and
1	Dr.V.Sathiyamoorthy	Coordinator		00000
2	Dr.B.Sudharshan	member	Associate professor	Dr. B. Sul
		mambar	Assistant professor	
3	Sri.S.Mahaboob Khan	member	Assistant profession	01

Purpose / Objective	Problems Identified	Result A	nalysis	Suggestions for Improvement
All the second s		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 real time mini

	mate	ourse erial/handouts given before/after class.	types of sensors and actuator wit real time application. 3. Prepare a prototype
Wichioci	Member ahaboob Khan	Coordinate Dr.V.Sathiyamo	HOD Dr.D.Ravikanth



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	de l
2	C. Nagaraja	Member	Assistant Professor	Myanjo
3.	K.suresh Kumar	member	Assistant Professor	K.S.

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To check the Uniform Coverage of syllabus according to the Internal Examinations. To overcome the shortcomings from students' point of view, if any	Students want to listen teaching in E-class mode because understand the significance Renewable Energy resources The concerned faculty identified few of them are not attending regularly. Students Requested for solar power plant, and hydro power plant visit and study the significance of each equipment.	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the various types of dams, sill ways, hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	Difficult to understand solar tracking and radiation calculations the components and working principles of plant Equipment	Suggested to visit the real projects and get the practical knowledge. Explaining more number of projects related to solar and tidal power generation projects

Coordinator

HOD A Head
Professor & Head
Professor &

Member



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Member

Member

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

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

Member Coordinator

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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	Signat 1
1	R.Ramakrishna Reddy	Coordinator	Asso.Professor	Signature
2	Sri.A.Harikrishna	Member	Asst.Professor	A 4A
3	Sri K.Suresh Kumar	Member	Asso.Professor	A. Harry

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

Harikashung K.Su.	[C]
Member Member	Coordinator

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

Committee Members::

Name	Role	Designation	Signatung
R.Ramakrishna Reddy	Coordinator	Asso.Professor	Wat
Sri.A.Harikrishna	Member	Asst.Professor	A Hanknong
Sri K.Suresh Kumar	Member	Asso.Professor	K.Su.

Purpose / Objective	Problems Identified	Result A	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 to play YOUTUBE videos to understand the working concepts clearly	QUIZES & Assignments related to Gas Turbines & Jet Propulsion are very useful to enrich the subject knowledge. 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 Jet Propulsion systems.	Suggested to follow YOUTUBE videos fo better understanding. Students are instructed to attend classes regularly

Member Member	Coordinator	
A Hankinghus K.Su.		

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

	Year/Semester	VIII	
Mechanical engineering Geometric Modelling	Course Code	1503804	
Department Geometric Wodering			

Committee Members::

Member

:: Nome	Role	Designation	Signature
Vanie	Coordinator	Asst.Professor	A melest
Sri.U.PRADEEP KUMAR	Member	Ass + Professor	80
Sri.S.Mahaboob Khan Dr. Dharmalingam Babu	Member	Asst.Professor	200

	Problems Identified	Problems Identified Result Analysis		nalysis	Suggestions for Improvement
Purpose / Objective		Strength	Weakness		
. 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. Studentswant 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 Power point presentation, Pen tablet and YOUTUBE videos for explaining 2. The relatedtext books and Study materials are given before commencement of topics to be covered.	1. Difficult to understand the concepts of 3D Transformations	Suggested to refer more problems and algorthims . Explaining more number of examples with probelms	
711	Member	Quel		HOD HOSE	



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

	12 1 1 1 1	Year/Semester	VIII
Department	Mechanical engineering Geometrical Modelling	Course Code	1503804
Course Name	Geometrical 1720	Course cour	

Committee Members::

mmitte	ee Members::			Signature
S.No	Name	Role	Designation	0
1	U.Pradeep Kumar	Coordinator	Asst.Professor	Amelot,
2	Sri.S.Mahaboob Khan	Member	Asst. Professor	80
4	Dr. Dharmalingam Babu	Member	Asst.Professor	Dr.

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	Studentswant to listen teaching in E-class mode because understand the significance 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	Suggested to use more internet resources Explaining more number of algorithms and Problems
50	80/	Imales		J. Hallal

Member Member Coordinator HOD

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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 Hex K w82m
2	Dr. D. Babu	Member	Asst. Professor	DRL
3	Dr. D. Ravikanth	Member	Professor	D'adial

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
Bring awareness that Engineering Drawing is the Language of Engineers. • Familiarize how industry communicates technical information. • Teach the practices for accuracy and clarity in presenting the technical information. • Develop the engineering	1. Students want to listen teaching in E-class mode because understand the significance and importance of engineering graphics 2. The concerned faculty identified few of them are not attending regularly.	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic. 2. The related text books and solved problems are sent before commencement of topics to be covered.	Difficult to teach the concepts and principles of engineering graphics through E-class. Could not identify properly about the students activity in E-class.	Explain more number of problems to better understanding of concepts. Prepare prototype model for engineering graphics

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

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Member	Member	Coordinator	HOD

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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. Hask whene
2	Dr. D. Babu	Member	Asst. Professor	The work
3	Dr. D. Ravikanth	Member	Professor	19:00

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
Bring awareness that Engineering Drawing is the Language of Engineers. • Familiarize how industry communicates technical information. • Teach the practices for accuracy and clarity in presenting the technical information.	 Students want to listen teaching in E-class mode because understand the significance and importance of engineering graphics The concerned faculty identified few of them are not attending regularly. 	 Usage of Pen tablet and YOUTUBE videos for explaining each and every topic. The related text books and solved problems are sent before commencement of topics to be covered. 	 Difficult to teach the concepts and principles of engineering graphics through E-class. Could not identify properly about the students activity in E-class. 	Explain more number of problems to better understanding of concepts. Prepare prototype model for engineering graphics

• Develop the engineering 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.		
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La Edmiland	A. Herkonson	(a) adadral
Member	Coordinator	HOD
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Department	Mechanical engineering	Year/Semester	***
Course Name	SEMINAR/Industrial	1 car/Semester	II B Tech, IV Semester
Course Hame	training	Course Code	1803408

Committee Members:

S.No	Name	Role	Docionation	
1 Sri S.	Vijaya Kumar		Designation	Signature
		Coordinator	Asst.Professor	Si O O Sayl
	iva Seshu	Member	Asst.Professor	4
3 Sri S. N	lahboob Khan		Asst.Floressor	Jung
		Member	Asst.Professor	(A)

Purpose / Objective	Problems Identified	Result	Analysis	Suggestions for Imptovement
1.To Delivering an effective	1 Thomas O	Strength	Weakness	Improvement
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 Power Point Presentation 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.

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objectives and brings results. 3. To overcome the	3.Students Requested for Industrial visit and learned			will be generated through the learning process.
shortcomings from students' point of view, f any	the Knowledge which performing the Operations and Delivery the Presentation in Seminars	3. From the Curriculum the Topics are Explained and the students are get ready to prepare for the given Task before the Actual Seminars.	3.Difficult to Identify the parameters which are used in upcoming presentation in his Seminars	3. Explaining How to Overcome Different Each individual can contribute to the seminar discussions and comments on the topic of others.
Member	Member S	S. Cejony Kun	0.00	rat

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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	Signature
2	Sri P. Siva Seshu	Member	Asst.Professor	- Cyalur
3	Sri S. Mahboob Khan	Member	Asst.Professor	Sh

Purpose / Objective	Problems Identified	Result	Analysis	Suggestions for Improvement
To know the Importance of	1 Student wants to Training	Strength 1.Usage of E Content.	Weakness	
Seminars give you intensive exposure to a topic through presentations and discussions led by multiple experts	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	Difficult to Pronounce in delivering, some rolling of Grammatical mistakes in seminars Difficult to Understand to Deliver the Real Topic of given task	1. To overcome the above weaknesses, continuous and Regressive attending in seminars.

Member	Member	Coordinate	or	HOD
80/	. 1)	2.1031 1/		\
According to Learning Development 3. To became 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.	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. 3. Sustainable development education is a core part of the curriculum to prepare students to engage with external stakeholders through seminars	seen as a strength for both staff and students as there is freedom to use the software necessary to do the job. 3.Students are Identify ethical, pedagogical and practical challenges of this type of Seminar, present successes, and describe his strategies	Information with objectives of seminars	topics showing photographs and with all necessar information. 3. Exercise few identifying Error and overcome in Expressing s ideas
2. Seminars can be a comfortable, open environment for practicing professional	2. Therefore, training and	2.this student can able to understand clearly. This is	Deliver the complete	2. Explaining

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

Department	Mechanical engineering	Year/Semester	1	
Course Name	GEOMETRIC MODELING	Course Code	1853101	

Committee Members::

Name	Role	Designation	Cianata
Sri. S. Mahaboob Khan	Coordinator		Signature
Sri. D. Merwin Rajesh	Member		100
Sri U. Pradeep Kumar			Di
	Sri. S. Mahaboob Khan Sri. D. Merwin Rajesh	Sri. S. Mahaboob Khan Coordinator Sri. D. Merwin Rajesh Member	Sri. S. Mahaboob Khan Coordinator Sri. D. Merwin Rajesh Member Assistant Professor Sri L. Pradoap Kuman

Purpose / Objective	Problems Identified	Result A	Analysis	Suggestions for Improvement
1 T 1 1 1 1 1 1 1		Strength	Weakness	- improvement
To check the Uniform Coverage of syllabus according to the Internal Examinations. To overcome the shortcomings from students' point of view, if any	c language algorithms related to geometric modeling.	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining the various types of dams, sill ways, hydraulic turbines, wind turbines, power plant equipment 2. The related text books and Study materials are given before commencement of topics to be covered.	Difficult to understand algorithms in c language	Suggested to understand the basics in geometric modeling 2. Explaining more number of geometric problems

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' Member	Member	Coordinator	4 mem
		Coordinator	HOD

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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

Committee Members::

Member

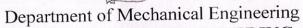
S.No	Name	Role	Designation	Signature
1	S.MAHABOOB KHAN	Coordinator	Asst.Professor	80
2	D.Merwin Rajesh	Member	Assistant Professor	1/1 1
3.	u.pradeep kumar	Member	Assistant professor	216

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 geometric modeling The concerned faculty identified few of them are not attending regularly.	QUIZ Questions related to geometric modeling 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 soo many equations	Suggested to understand the basics is geometric modeling. Explaining more number of geometric problems

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Coordinator

Member



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

Committee Members::

Member

S.No	Name	Role	Designation	Signature
1	Sri.U.Pradeep Kumar	Coordinator	Asst.Professor	Ameles
2	Sri.P.Sivaseshu	Member	Asst. Professor	Shr
3	Sri.S.Mahaboob Khan	Member	Asst.Professor	l &

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
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	Studentswant to listen teaching in E-class mode because understand the significance and fundamentals The concerned faculty identified few of them are not attending regularly.	1.Usage of Power point presentation, Pen tablet and YOUTUBE videos for explaining 2. The related text books and Study materials are given before commencement of topics to be covered.	Weakness 1. Difficult to understand the NC Concepts	1. Suggested to use more internet Resources .

Member

Coordinator

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

	Mechanical engineeringCAD/CAM	Year/Semester	
epartment			1853102
	Computer Integrated	Course Code	1033102
Course Name	Manufacturing		

Committee Members::

	ee Members:: Name	Role	Designation	Signature
S.No	*	Coordinator	Asst.Professor	a marcel.
1	U.Pradeep Kumar	Coordinator	ASSL.FIGIESSOI	N/
2	Sri.P.Sivaseshu	Member	Assr. Professor	SWY
2	Sri.S.Mahaboob Khan	Member	Asst.Professor	Cal .

Purpose / Objective	Problems Identified	Result A	Suggestions for Improvement	
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.	Strength 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.	Weakness 1. Some of the students are facing problem to understand NC Concepts	1. Suggested to use more internet Resources .
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Amalus. Coordinator Member Member

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department Course Name	Mechanical Engineering Advanced Optimization techniques	- 01	I 1853106	
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Committee Members:

ommitte	ee Members:		Designation	Signature
S.No	Name	Role	Professor	La: Hastarl
	Dr. D. Ravikanth	Coordinator		100000
	P. K. Chaitanyakanth Reddy	Member	Asst. Professor	Pales
2		Member	Asst. Professor	Maher
3	Sri. R. Mahesh			

Purpose / Objective	Problems Identified	Result A		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	 Students not able to understand the optimization concepts through E-class mode. The concerned faculty has identified that the few students are not attending regularly. 	Usage of Pen tablet and YOUTUBE videos for explaining each and every topic. The related text books and solved problems are sent before commencement of topics to be covered.	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.
techniques To understand Assignment Problem in order to solve	3. Students Requested to visit some you tube	3. Course AndharPardesh–516003		

rocess planning problem on understand various onlinear programming echniques to solve nonlinear	lectures, and NPTEL lecture to get more understanding.	material/handouts are given before/after class.	
orogramming problems with constrains and without constraints			
To learn search techniques to solve nonlinear programming problems with constrains and without constraints.			
To understand genetic algorithm in order to solve nonlinear programming and			
travelling salesman problem			
To learn genetic programming in order to generate programs			
Applying above techniques to solve design and manufacturing problems			
Mahah	P. cleur	w. Sailal	10. Doilal
Member	Member	Coordinator	Professor & Head
			Department of Mechnical Engineer K.S.R.M. College of Engineering KADAPA - 516 003.



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

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

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	Mechanical Engineering	Year/Semester	A TOTAL CONTRACTOR OF THE PARTY
Department	Mechanical Engineering		1853106
осран сило	1 O-timization	Course Code	1855100
Course Name	Advanced Optimization	Course com	
Course Manie	techniques		

Committee Members:

NT.	Name	Role	Designation	Signature
No		Coordinator	Professor	D- Danlar
	Dr. D. Ravikanth	Member	Asst. Professor	p. e level
2	P. K. Chaitanyakanth Reddy	Member	Asst. Professor	Taller
3	Sri. R. Mahesh	Wember	Asst. Trolessor	

Purpose / Objective	Problems Identified	Result A	nalysis	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	Students not able to understand the optimization concepts through E-class mode. The concerned faculty has identified that the few students are not attending regularly.	 Usage of Pen tablet and YOUTUBE videos for explaining each and every topic. The related text books and solved problems are sent before commencement of topics to be covered. 	 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.
techniques To understand Assignment Problem in order to solve	3. Students Requested to visit some you tube	3. Course		

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

Professor & 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	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	- JA
2	Dr.DharnalingamBabu	Member	Asst.Profeesor	DNe
3	Dr.P.Sreenivas	Member	Asst.Professor	P. Speenivon

Purpose / Objective	Problems Identified Result Analysis		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.

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Member	Member	Coordinator	HOD

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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

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	(D)
2	Dr.DharnalingamBabu	Member	Asst.Profeesor	ON
3	Dr.P.Sreenivas	Member	Asst.Professor	P. Speenius

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
 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 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.

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Member	Member	Coordinator	Professor & Head
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