



Department of Civil Engineering
K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21
Kadapa, Andhra Pradesh-516003
www.ksrmce.ac.in

Department	Civil Engineering	Year/Semester	B. Tech III
Course Name	Engineering Mechanics	Course Code	1801304 R18

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri P. Rajendra Kumar	Coordinator	Asst Professor	<i>P. Rajendra Kumar</i>
2	Prof. A. Mohan	Member	Professor	<i>A. Mohan</i>
3	Dr. P. Kishore Kumar Reddy	Member	Assoc Professor	<i>P. Kishore Kumar Reddy</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Due to the poor internet connectivity / access faculty vs students' interaction is less.	Usage of LMS tools for better understanding of concepts.	Handwriting using pen tablet at the beginning is not good	Extra Hours need to take to complete syllabus
To check the uniformity in the content delivered and syllabus coverage.	Students were ignorant towards the coverage of syllabus during online sessions due to irregular attendance of classes.	The related Video links are sending to their groups	Students are not understanding the topics of relevant units whether the topics are related to pervious topics.	Giving more tutorial and assignment questions which are not covered in the regular class.
		Sharing PPT's for concern topics.		
To overcome the shortcomings from students' perspective	Students' perspective confusion related to the topics covered in all units.	Course material/handouts are giving immediately after class	No information whether students are understanding the given material.	Faculty are advised to practice on pen tablet regularly to improve their writing ability

<i>A. Mohan</i>	<i>P. Kishore Kumar Reddy</i>	<i>P. Rajendra Kumar</i>	<i>A. Mohan</i>
Member	Member	Coordinator	HOD



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Department	Civil Engineering	Year/Semester	B. Tech III
Course Name	Engineering Mechanics	Course Code	1801304 R18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Rajendra Kumar	Coordinator	Asst Professor	<i>P. Rajendra Kumar</i>
2	Prof. A. Mohan	Member	Professor	<i>A. Mohan</i>
3	Dr. P. Kishore Kumar Reddy	Member	Assoc. Professor	<i>P. Kishore Kumar Reddy</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Students are weak in understanding the physics concept of Dynamics problems	Offline classes	Students are not able to do dynamic problems	To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes are advisable.
To check the uniformity in the content delivered and syllabus coverage.	Students are not having sound knowledge regarding the prerequisites.	The related Video links are sending to their groups	Solving a greater number of problems during class work is difficult for the faculty	Giving more tutorial and assignment questions which are not covered in the regular class.
To overcome the shortcomings from students' point of view, if any	The concerned faculty are not having idea that the students are attentive or not in the class. Students facing problems in understanding if the faculty using conventional method of teaching for theory subjects.	Course material/handouts are giving immediately after class		Faculty are advised to practice on pen tablet regularly to improve their writing ability

<i>A. Mohan</i>	<i>P. Kishore Kumar Reddy</i>	<i>P. Rajendra Kumar</i>	<i>N. Mohan</i>
Member	Member	Coordinator	HOD



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Department	Civil Engineering	Year/Semester	B. Tech III
Course Name	Surveying and Geomatics	Course Code	1801305

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Asst Professor	
2	Prof. V. Giridhar	Member	Professor	
3	Sri V. V. Prasad	Member	Asst. Professor	V.Ven

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Due to the poor internet connectivity / access faculty vs students' interaction is not in proper way.	Usage of LMS tools for better understanding of concepts	Handwriting using pen tablet at the beginning is not good	To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes are advisable.
To check the uniformity in the content delivered and syllabus coverage.	Students are not having sound knowledge regarding the prerequisites.	Forwarding PPT's of topics covered in the syllabus.	Not proper information that the students are aware of total syllabus material.	Giving example problems and related questions as assignment.
To overcome the shortcomings from students' point of view, if any	The concerned faculty are not having idea that the students are attentive or not in the class.	Course material/handouts are giving immediately after class	No authentication that the students are listing the total class.	Co relates the related subject topics to lab and enhance the topic knowledge.
	V.Ven			HOD Head
Member	Member	Coordinator		



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Department	Civil Engineering	Year/Semester	B. Tech III R 18
Course Name	Surveying and Geomatics	Course Code	1801305

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Asst Professor	
2	Prof. V. Giridhar	Member	.Professor	
3	Sri V. V. Prasad	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Due to the poor internet connectivity / access faculty vs students' interaction is not in proper way.	Usage of LMS tools for better understanding of concepts	Handwriting using pen tablet at the beginning is not good	To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes are advisable.
To check the uniformity in the content delivered and syllabus coverage.	Students are not having sound knowledge regarding the prerequisites.	Forwarding PPT's of topics covered in the syllabus.	Not proper information that the students are aware of total syllabus material.	Need to send real time concepts relevant topic videos and by sharing links.
To overcome the shortcomings from students' point of view, if any	The concerned faculty are not having idea that the students are attentive or not in the class.	Course material/handouts are giving immediately after class	No authentication that the students are listing the total class.	Co relates the related subject topics to lab and enhance the topic knowledge.

Member	Member	Coordinator	HOD



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Department	Civil Engineering	Year/Semester	B. Tech III
Course Name	Building Materials and construction	Course Code	1801306

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri G. Venkateswarlu	Coordinator	Asst. Professor	
2	Dr. V. Ramesh Babu	Member	Assoc Professoor	
3	Sri N. Prathap Kumar	Member	Asst.Professoor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Due to the poor internet connectivity / access faculty vs students' interaction is less.	Usage of LMS tools for better understanding of concepts.	Handwriting using pen tablet at the beginning is not good	Extra Hours need to take to complete syllabus
To check the uniformity in the content delivered and syllabus coverage.	Students were ignorant towards the coverage of syllabus during online sessions due to irregular attendance of classes.	The related Video links are sending to their groups Sharing PPT's for concern topics.	Students are not understanding the topics of relevant units whether the topics are related to pervious topics.	Giving more tutorial and assignment questions which are not covered in the regular class.
To overcome the shortcomings from students' perspective	Students' perspective confusion related to the topics covered in all units.	Course material/handouts are giving immediately after class	No information whether students are understanding the given material.	For Students work shop should be conducted regarding advanced construction materials available recent developments in construction industry

Member	Member	Coordinator	Head HOD

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Department	Civil Engineering	Year/Semester	B. Tech III
Course Name	Building Materials and construction	Course Code	1801306

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri G. Venkateswarlu	Coordinator	Asst Professor	
2	Dr. V. Ramesh Babu	Member	Assoc Profesor	
3	Sri N. Prathap Kumar	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Due to the poor internet connectivity / access faculty vs students' interaction is less.	Usage of LMS tools for better understanding of concepts	Handwriting using pen tablet at the beginning is not good	To check the attentiveness in the class.
To check the uniformity in the content delivered and syllabus coverage.	Students are not having sound knowledge regarding the prerequisites.	The related Video links are sending to their groups	Explanation of materials is not be understandable in virtual mode	Giving more tutorial and assignment questions which are not covered in the regular class.
	The concerned faculty are not having idea that the students are attentive or not in the class.			
To overcome the shortcomings from students' point of view, if any	Students facing problems in understanding if the faculty using conventional method of teaching for theory subjects.	Course material/handouts are giving immediately after class	No information whether students are understanding the given material.	Faculty are advised to practice on pen tablet regularly to improve their writing ability
				Oral Feedback regarding material
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V	
Course Name	Solid Mechanics – II	Course Code	1801501	R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Prof. A. Mohan	Member	Professor	
3	Dr. P. Kishore Kumar Reddy	Member	Assoc Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>The main objective of the subject provides the understanding of principal stress, strains and theories of failure.</p> <p>2. The purpose is to understand the difference between thin and thick cylinders.</p>	<p>Students are not showing much interest in online mode of teaching</p> <p>Data of internet is not sufficient</p> <p>Maximum number of students are listening to the classes from mobiles.</p>	<p>Showing animations and YouTube videos regarding the working principal of Thin and Thick cylinder concept and how a failure of material takes place</p>	<p>Students are not able to draw and understand drawing Mohr's circle concept</p>	<p>Better to have advance laboratory for materials.</p>

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V
Course Name	Solid Mechanics – II	Course Code	1801501 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Prof. A. Mohan	Member	Professor	
3	Dr. P. Kishore Kumar Reddy	Member	Assoc Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The main objective is to identify the different types of columns and struts. The purpose is determining the direct and bending stresses. To estimate the stresses due to unsymmetrical bending	Students are facing difficulty while solving and calculation unsymmetrical problems	Offline teaching i.e blackboard teaching	Students are not able to do some advance problems regarding unsymmetrical bending	Students should be made to submit PPT as Active Learning Assignment by giving topic to each group of students

Member	Member	Coordinator	HOD Head



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Department	Civil Engineering	Year/Semester	V
Course Name	Hydraulic Machinery	Course Code	1801502 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri Ch. Santosh Kumar	Coordinator	Asst Professor	
2	Prof. T. Kiran Kumar	Member	Professor	
3	Sri P. Suresh Praveen Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To understand the application of momentum principle of impact of jets on plain and curved surfaces	Students may not do the problems on application of momentum equations			
To study about specific speed and performance characteristics of different types of turbines	Student may face problem in understanding the design aspect and mechanism of turbines	Teachers are delivered classes effectively through online mode. Hand written notes or class material was given before and after the class	Handwriting using pen tablet is not impressive. Solving more number of problem in online class work is difficult for the faculty	Suggest methodologies for innovative teaching and evaluation technique for the internal examination. In Hydraulic Machinery, application oriented problems will be solved in class to improve logical thinking.

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V
Course Name	Hydraulic Machinery	Course Code	1801502 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri Ch. Santosh Kumar	Coordinator	Asst Professor	
2	Prof. T. Kiran Kumar	Member	Professor	
3	Sri P. Suresh Praveen Kumar	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' point of view, if any	Students need brush-up of FM concepts for better understanding of Hydraulic Machinery paper. Students need number of solved examples for better understanding. Students need practical exposers of Turbines and pumps	Offline teaching Students can refer the Library books Providing course material with number solved examples	Solving more number of advanced design problems in class room will consume more number of teaching hours	Particularly for lateral entry students, remedial classes are taken beyond regular hours.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V
Course Name	Structural Analysis I	Course Code	1801503 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. P. Kishore Kumar Reddy	Coordinator	Assoc Professor	
2	Prof. A. Mohan	Member	Professor	
3	Sri V. V. Prasad	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The main objective of the course is to know the difference between determinate and indeterminate structures Students can know how to analyze indeterminate structures and what are various methods to analyze problems	For lecture it is taking minimum 2 to 3 hours of time to explain one problem Solving a more number of problems in the Virtual class is consuming time and not able to complete syllabus in time.	Using LSM tools for online i.e Pen tab and white board and animations regarding so that students under the concept of subject point of view.	Students are not showing much interest in online mode of teaching and are not able to follow the steps in problems	Student will have to Prepare the power - point presentation /slides in Group, which is include animations, pictures, graphics of concern topic submit PPT as Active Learning Assignment (ALA)

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V
Course Name	Structural Analysis I	Course Code	1801503 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. P. Kishore Kumar Reddy	Coordinator	Assoc Professor	
2	Prof. A. Mohan	Member	Professor	
3	Sri V. V. Prasad	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The main objective of the course is to know the various methods to calculate forces, deflection, reactions and drawing SFD and BMD for intermediate structures.	Solving more number of problems in the class is taking time to complete the syllabus in time	Blackboard teaching Students are able to do problems by themselves regarding the next steps of the problem involved in the subject	Students if they miss the starting classes of the chapter i.e fundamentals, they are not able to do problems by them self. The Students are not completing assignment in time	Learning/Training Resources with Computer Aided Instructions in subject of determinate and indeterminate structures

Member	Member	Coordinator	HOD Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V	
Course Name	Geotechnical Engineering	Course Code	1801504	R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Suresh Praveen Kumar	Coordinator	Assistant Professor	
2	S Nowshad	Member	Assistant Professor	
3	D Viswanatha	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' perspective, if any	Due to the insufficient amount of internet connectivity / access students' response is less. Knowledge of solving problems is poor. Few students are poor in the basics of civil engineering and general science subjects.	Usage of Pen tablet for explaining each and every problem The related text books were sent before commencement of classes Course material / handouts were given before / after class	Solving more number of problems during online class work is difficult for the faculty	Implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes. Giving tutorial and assignment questions which are not covered in the regular class.

Member	Member	Coordinator	HOD



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Department	Civil Engineering	Year/Semester	V	
Course Name	Geotechnical Engineering	Course Code	1801504	R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Suresh Praveen Kumar	Coordinator	Assistant Professor	
2	S Nowshad	Member	Assistant Professor	
3	D Viswanatha	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' perspective, if any	Students' remembrance of the subject taught during online classes. Mere response of the student while classroom teaching as noticed during online classes. Poor attendance of students was noticed during the initial days of offline teaching.	One to one concentration Good response from the student community Able to assess students' performance by conducting assignments and quizzes.	Utilized more no. of classes for recalling the subject taught during online classes.	Encouraging students to spend time in library during off hours. Exercise more numerical problems at home.

 Member	 Member	 Coordinator	 HOD Head
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Department	Civil Engineering	Year/Semester	V	
Course Name	Environmental Engineering	Course Code	1801505	R 18

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Asst Professor	
2	Sri N. Prathap Kumar	Member	Asst. Professor	
3	Sri Ch. Santosh Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
This subject provides the knowledge of water sources, standards, treatment of water for distribution to the domestic purpose. Basics of plumbing are also included.	During Online classes students had not shown so much interest regarding the classes. So many people were not having Desktop or Laptop	Giving presentation in PPTs and showing the videos how treatment plant works and its principal.	Solving more number of problems during online class work is difficult for the faculty	They should be involved in small case studies regarding sources, Quality and Standards of Water Sources of water

Member	Member	Coordinator	HOD

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V
Course Name	Environmental Engineering	Course Code	1801505 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Asst Professor	
2	Sri N. Prathap Kumar	Member	Asst. Professor	
3	Sri Ch. Santosh Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
Get an idea of water supply and its development, need, objectives to the public. Know the sources, Quality and Standards of water. An acquaintance with different treatments for protected water supply.	At the initial stage of offline classes there were poor attendance of students.	Offline teaching Blackboard teaching Students are able to do problems by themselves regarding the next steps of the problem involved in the subject	Students are not that much aware about the water quality standards and water treatment methods in recent days.	They should be given ideas recent advanced water treatments in removal of harmful constituents and water management. Different water distribution system, its working and the basics of plumbing.

Member	Member	Coordinator	HOD

Head

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V	
Course Name	Remote Sensing & GIS	Course Code	1801510	R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri N. Prathap Kumar	Coordinator	Asst Professor	
2	Prof. G. Sreenivasa Reddy	Member	Professor	
3	Sri P. Rajendra Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The purpose of this course is to provide an understanding of physical concepts and underlying various engineering and technological applications in remote sensing. In addition, the course is expected to understand the basic principles of remote sensing and its applications.	The subject is not familiar as other conventional subjects Digital illiteracy and lack of sounds in physics knowledge	Capable of retrieving data from different information platforms	Most of the students are not having computers and laptops	To introduce GIS lab so that they have some knowledge regarding maps and images

Member	Member	Coordinator	HOD



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Department	Civil Engineering	Year/Semester	V
Course Name	Remote Sensing & GIS	Course Code	1801510 R 18

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri N. Prathap Kumar	Coordinator	Asst Professor	
2	Prof. G. Sreenivasa Reddy	Member	Professor	
3	Sri P. Rajendra Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The purpose of this course is to provide an understanding of physical concepts and underlying various engineering and technological applications in remote sensing. In addition, the course is expected to understand the basic principles of remote sensing and its applications.	The subject is not familiar as other conventional subjects Digital illiteracy and lack of sounds in physics knowledge	Capable of retrieving data from different information platforms	The students are not aware of satellites and the importance of its kind	To take students to Sriharikota and giving guidance of importance of GIS.

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	V
Course Name	Transportation Engineering	Course Code	1801506 R 18

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri Ch. Santosh Kumar	Coordinator	Asst Professor	
2	Sri N. Prathap Kumar	Member	Asst. Professor	
3	Miss V. Sai Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The objective of the course is to impart the knowledge in highway planning, alignment, geometric design of different elements of highway, different traffic surveys, traffic regulation and management and pavement design	Students Underestimate the numerical component of the subject and focus on Theoretical part alone. Students facing confusion while calculating different parameters. Students unable to visualize the theoretical aspect of subject	Students are allowed to learn the concept through online resources like NPTEL	Students are not Referring Text Books for revising the topic.	To check the activeness of the student, by solving more problems in form of Assignment and Quiz. Giving more lectures for the concept which are is beyond the subject

Member	Member	Coordinator	HOD



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Department	Civil Engineering	Year/Semester	V
Course Name	Transportation Engineering	Course Code	1801506 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri Ch. Santosh Kumar	Coordinator	Asst Professor	
2	Sri N. Prathap Kumar	Member	Asst. Professor	
3	Miss V. Sai Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To check whether the content is delivered. To overcome the short comings from students' point of view.	Students need brush-up of basic concepts for better understanding of subject Students are not having sound knowledge regarding the prerequisites. The concerned faculty are having idea that the students are attentive or not in the class. Students facing problems in understanding if the faculty using conventional method of teaching for theory subjects.	Offline teaching Students can refer the Library books Providing course material with number of solved examples	Students are not showing that much importance in theoretical point of view	The faculty members are instructed to brief the basic level concepts before starting each unit. Faculty has to solve each model problem in class and give model questions as assignment problem. Field visits to construction sites will be arranged to the students for better understanding.

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII
Course Name	Structural Analysis II	Course Code	1501701 R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. A. Mohan	Coordinator	Professor	
2	Miss V. Sai Neeraja	Member	Asst. Professor	
3	Dr. P. Kishore Kumar Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' point of view	1. Students want brush-up the basics of Prerequisite subjects before starting actual subject. 2. Students are listening online classes through mobiles which make them difficult to understand. 3. The concerned faculty are not able to identify that the students are attentive or not in the class. 4. Students facing problems in understanding if the faculty explaining the topic through PDF files.	1. Usage of Pen tablet for explaining each and every problem 2. The related text books are send before commencement of topics to be covered 3. Course material/handouts are giving before/after class	1. Handwriting using pen tablet at the beginning is not good 2. Solving more number of problems during online class work is difficult for the faculty	1. To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes are advisable. 2. Giving more tutorial and assignment questions which are not covered in the regular class. 3. Give few numerical problems and ask them to solve at home and submit to faculty for evaluation.

Member	Member	Coordinator	HOD

Head



Department of Civil Engineering
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII
Course Name	Structural Analysis II	Course Code	1501701 R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. A. Mohan	Coordinator	Professor	
2	Miss V. Sai Neeraja	Member	Asst. Professor	
3	Dr. P. Kishore Kumar Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To have basic knowledge of I.L for reaction, bending moment and shear force in simply supported beam. 2.To learn and analyze continuous beams by flexibility and stiffness method 3.To understand the methods of analysis of indeterminate trusses for external loads, lack of fit and thermal effect.	1 Students want brush-up the basics of Prerequisite subjects before starting actual subject. 2.Students are listening online classes through mobiles which make them difficult to understand. 3.The concerned faculty are not able to identify that the students are attentive or not in the class. 4.Students facing problems in understanding if the faculty explaining the topic through PDF files.	1. Students are showing interest while teaching on blackboard. 2.The related text books are send before commencement of topics to be covered 3.Course material/handouts are giving before/after class	1.Time taken for explaining the problem is more. 2.Solving more number of problems during the class work is difficult for the faculty	1. Showing model of the elements of structures. 2.Giving more tutorial and assignment questions which are not covered in the regular class. 3.Give few numerical problems and ask them to solve at home and submit to faculty for evaluation.

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII	
Course Name	Design of Reinforced Concrete Structures – 2	Course Code	1501702	R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. V. Ramesh Babu	Coordinator	Assistant Professor	V. Ramesh Babu
2	Sri. R. Karthikeyan	Member	Assistant Professor	R. Karthikeyan
3	Sri. V. Maddileti Rangadu	Member	Assistant Professor	V. Maddileti Rangadu

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To evaluate effectiveness of teaching 2.To check the uniformity in the content delivered and syllabus coverage 3.To overcome the shortcomings from students' point of view, if any	1.Some students are facing problem to understand the explanations given by faculty in English. 2.The classes are running behind the schedule. 3.Student need the explanation material used for online class before starting the class.	1.Students are convenient to understand the concepts by presenting the animations of structural members and force distributions within the members. 2.Explanation by using writing pads helped the students to understand the design problems clearly. 3.Course material/handouts are giving immediately after class	1.All the students are not having proper computer system to attend the online classes. 2.Not having consistent internet connection from student and faculty. 3.Interaction with a smaller number of students in online classes.	1.Respective faculty members were instructed to teach the technical content both in English and local language. 2.Respective faculty members are advised to cover the syllabus by taking the extra classes. 3.Conducting more tutorial classes and giving assignment questions will be helpful. 4.Faculty are advised to practice on pen tablet regularly to improve their writing ability

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII	
Course Name	Design of Reinforced Concrete Structures – 2	Course Code	1501702	R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. V. Ramesh Babu	Coordinator	Assistant Professor	V. Ramesh Babu
2	Sri. R. Karthikeyan	Member	Assistant Professor	R. Karthikeyan
3	Sri. V. Maddileti Rangadu	Member	Assistant Professor	V. Maddileti Rangadu

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To evaluate effectiveness of teaching 2. To check the uniformity in the content delivered and syllabus coverage 3.To overcome the shortcomings from students' point of view if any	1.Students need brush-up of S.M, Structural Analysis and DRCS-1 concepts for better understanding of DRCS-2 paper. 2.Students need number of solved examples for better understanding. 3.Students need practical exposer of structural members designed in DRCS-2	1.Offline teaching 2.Students can refer the Library books Providing course material with number solved examples	1.Solving more number of advanced design problems in class room will consume more number of teaching hours	1.The faculty members are instructed to brief the basic level concepts before starting each unit. 2 Faculty has to solve each model problem in class and give model questions as assignment problem. 3.Field visits to construction sites will be arranged to the students for better understanding.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII
Course Name	Design and Detailing of Steel Structures	Course Code	1501703 R 15

Committee Members:

S. No	Name	Role	Designation	Signature
1	Dr. V. Ramesh Babu	Coordinator	Assistant Professor	V. Ramesh Babu
2	Sri. Y Ravi	Member	Assistant Professor	Y. Ravi
3	Miss S Sandhya Rani	Member	Assistant Professor	Sandhya Rani

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.Steel structures and structural elements are analyzed and designed by elastic & plastic methods. 2.These methods based on experimental investigations. The structural design in a limited sense also deals with the design of various parts or members of structures.	1.Students need brush-up of S.M, S.A, DRCS concepts for better understanding of DDSS paper. 2.Students need number of solved examples for better understanding. 3.Students need practical exposor of structural members designed in DDSS.	They are good at theoretical point of view	1.Solving more number of advanced design problems in class room will consume more number of teaching hours	1.Steel structures and structural elements are analyzed and designed by elastic & plastic methods. 2.These methods based on experimental estimations. The structural design in a limited sense also deals with the design of various parts or members of structures.

V. Ravi	Sandhya Rani	V. Ramesh Babu	Nommy
Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII
Course Name	Design and Detailing of Steel Structures	Course Code	1501703 R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. V. Ramesh Babu	Coordinator	Assistant Professor	V. Ramesh Babu
2	Sri. Y Ravi	Member	Assistant Professor	Y. Ravi
3	Miss S Sandhya Rani	Member	Assistant Professor	S Sandhya Rani

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To evaluate effectiveness of teaching 2.To check the uniformity in the content delivered and syllabus coverage 3.To overcome the shortcomings from students' point of view, if any	1. So many students are not bringing Code books and calculators to the class regularly.	1.Offline teaching 2.Students can refer the Library books 3.Providing course material with number of solved examples	1.Solving more number of advanced design problems in class room will consume more number of teaching hours	1.To evaluate effectiveness of teaching 2.To check the uniformity in the content delivered and syllabus coverage 3.To overcome the shortcomings from students' point of view, if any

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII R-15
Course Name	Transportation Engineering – 2	Course Code	1501704

Committee Members:

S. No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Sri. B Sreenivasula Reddy	Member	Assistant Professor	
3	Sri. U Arun Kumar	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' point of view if any	Because of covid-19 pandemic situation and lock down of college, I-internal examinations are not conducted The performance of students is not yet assessed	Guest lectures on Tre-2 helped the students to understand relevant topics more easily	Lack of use of laptops and desktops	Be available to students at convenient time and clarify their doubts over online or over phone

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII R-15
Course Name	Transportation Engineering – 2	Course Code	1501704

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Sri. B. Sreenivasula Reddy	Member	Assistant Professor	
3	Sri. U. Arun Kumar	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Because of covid-19 pandemic situation and lack down of college, I-internal examinations are not conducted	Accustomed to online mode of teaching	Lack of use of laptops	Extra classes need to be taken to complete syllabus
To check the uniformity in the content delivered and syllabus coverage	The performance of students is not yet assessed	They can retrieve and down load the lecture materials easily from websites	Lack of practice of solving problems independently	Be available to students at convenient time and clarify their doubts over online or over phone

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Department	Civil Engineering	Year/Semester	B.Tech IV Year/I Semester
Course Name	Water Resource Engineering-2	Course Code	1501705

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Dr. P. Kishore Kumar Reddy	Member	Asst.Professor	
3	Sri Ch. Santosh Kumar	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To check whether the content is delivered.	Students are not understanding the topic they are just bi hearing the answers.	As this Subject is based on more Theory, Students Can easily gain more score in this subject	Students are not Referring Text Books for revising the topic.	To check the activeness of the student, by solving more problems in form of Assignment. Giving more lectures for the concept which are not covered in the regular class
To overcome the short comings from students' point of view.	Students are not showing much Interest in solving more problems based on model			

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech IV Year/I Semester
Course Name	Water Resource Engineering-2	Course Code	1501705

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Dr. P. Kishore Kumar Reddy	Member	Asst.Professor	
3	Sri Ch. Santosh Kumar	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To overcome the short comings from students point of view, if any.	Students are not having sound knowledge regarding the pre-requisites.	Handwritten notes were given to the students after the class	Students facing problems to solve more number of problem	To check the activeness of the student, by solving more problems in form of Assignment.
To check the uniformity in the content delivered and syllabus coverage	Due to the poor internet connectivity	Giving lectures by using Pen tab, students able to understand the problem easily.		Giving more lectures for the concept which are not covered in the regular class

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII
Course Name	Advanced Foundation Engineering	Course Code	1501707 R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Suresh Praveen Kumar	Coordinator	Assistant Professor	
2	Sri P. Rajendra Kumar	Member	Assistant Professor	
3	Miss. E. Manoranjitha	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' point of view, if any	Not attending the class in time. No Proper or effective utilization of the calculator	Briefing the prerequisites related to the subject Students are gaining interest with the coverage of syllabus and requested extra hours	Students could not able to work out the problems discussed in the class Solving more number of problems during class work is difficult for the faculty	To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes are advisable. Providing site visits and workshops to gain the knowledge in the subject. Giving tutorial and assignment questions which are not covered in the regular class.

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

Department	Civil Engineering	Year/Semester	VII
Course Name	Advanced Foundation Engineering	Course Code	1501707 R 15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Suresh Praveen Kumar	Coordinator	Assistant Professor	
2	Sri P. Rajendra Kumar	Member	Assistant Professor	
3	Miss. E. Manoranjitha	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' point of view, if any	Due to the irregularities in the attendance students not able to follow on the subject. Students facing problems in understanding the design concepts.	The related video links and design concepts are shared to the students after completion of the topic to understand more. Course material and handouts are shared with the students immediately after class	Solving more number of problems during class work is difficult for the faculty	To check the attentiveness in the class, implementation of multiple choice questions, fill in the blanks, true or false and matching questions in quizzes are advisable. Providing site visits and workshops to gain the knowledge in the subject.

 Member	 Member	 Coordinator	 HOD
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