



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

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV
Course Name	Engineering Geology	Course Code	1801403 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	G. Venkateswarlu	Coordinator	Asst Professor	
2	P. Rajendra Kumar	Member	Asst.Professor	
3	P.Suresh Praveen Kumar	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Due to the insufficient amount of internet connectivity / access students' response is less.	Usage of LMS tools	Delivering the lecture through PPT in online mode	Implementation of multiple-choice questions, fill in the blanks, true or false and matching questions in quizzes.
To check the uniformity in the content delivered and syllabus and coverage	Physical classes are more useful for this kind of subjects since students visually identify the geological properties.	Video links	Hands on experience to determine the geological properties is missing	Giving tutorial and assignment questions which are not covered in the regular class.
To overcome the short comings from the students point of view if any	Most of the students are listening the classes without concentrating on the subject.	Course material		Use pen tablet to explain in detail

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

Department	Civil Engineering	Year/Semester	B.Tech II / IV
Course Name	Engineering Geology	Course Code	1801403 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	G. Venkateswarlu	Coordinator	Asst Professor	
2	P. Rajendra Kumar	Member	Asst. Professor	
3	P.Suresh Praveen Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Irregularity of students to classes	Students are interest to listen the classes while offline compared to online	Due to theoretical point of view students are not showing much interest	Showing physically Rocks
To check the uniformity in the content delivered and syllabus and coverage	Most part of the structure is theoretical students are showing less interest	Showing Videos related to geographical features	Hands on experience to determine the geological properties is missing	Visiting nearby places of geographical features
To overcome the short comings from the students point of view if any		Delivering the lecture through PPT		

 Member	 Member	 Coordinator	 HOD
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Department of Civil Engineering
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII R-15
Course Name	Construction Planning and Management	Course Code	1501708

Committee Members:

S. No	Name	Role	Designation	Signature
1	Prof. V. Giridhar	Coordinator	Professor	
2	Miss. B. Srivani	Member	Assistant Professor	
3	Miss. M. Arunajyothi	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate Significance of this subject as PEC. To check the Uniform Coverage of syllabus according to the Internal Examinations. 3To overcome the shortcomings from students' point of view, if any	Students wants to listen teaching in E-class mode because understand the significance and working principles of Construction Equipment The concerned faculty identified few of them are not attending regularly. Students Requested for site visit and study the significance of Project Planning	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 Course material/handouts are given before/after class	Difficult to understand the components and working principles of Construction Equipment. Difficult to Understand the Quality checks in real time construction.	To create a real time Project Scheduling for a big structure by the students. Explaining more number of problems will be expertizing in relevant scheduling of projects. Prepare a prototype irrigation structure in the campus will understand components of the structure.
 Member	 Member		 Coordinator	 HOD Head



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII R-15
Course Name	Construction Planning and Management	Course Code	1501708

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. V. Giridhar	Coordinator	Professor	
2	Miss. B. Srivani	Member	Assistant Professor	
3	Miss. M. Arunajyothi	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To know the legal issues in construction industry and Acts like Labor act, minimum wages act and Arbitration act. To check the Uniform Coverage of syllabus according to the External Examinations. To overcome the shortcomings from students' point of view, in previous meeting like Videos and Field Visits	Student wants to listen teaching in E-class mode and black boards teaching because understand the topics elaborately. The concerned faculty identified few of them are not because of irregularity of attending classes. Students Requested for site visit and internship in point of project planning. Prescribed Text book for Acts is not available in the Central Library.	Usage of E Content, Photographs and YOUTUBE videos for explaining each and every topic by this student can able to understand clearly. The related lecture notes hand over before commencement of topics to be covered	Difficult to understand the components and working principles of Construction Equipment even with E-Content Difficult to Understand the Quality checks in real time construction.	To overcome the above weaknesses, visit a real time ongoing project to understand clearly. Explaining topics showing photographs and with all necessary components. Exercise few numerical problems in identifying critical events and critical path.
 Member	 Member	 Coordinator		 HOD Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV	
Course Name	Fluid Mechanics	Course Code	1801404	R 18

Committee Members::

S.No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Sri V. V. Prasad	Member	Asst.Professor	
3	Sri M.C.V. Subbaiah	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 and coverage To overcome the short comings from the students point of view if any	Students are difficult to understand basic theorems due to weak in prerequisite course. Irregular attendance due to poor internet connection. Lateral entry students are facing difficulty in understanding mathematical portion of the subject.	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. Handwriting using pen tablet is not impressive.	Suggest methodologies for innovative teaching and evaluation technique for the internal examination. In Fluid Mechanics, application oriented problems will be solved in class to improve logical thinking. Particularly for lateral entry students, remedial classes are taken beyond regular hours

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV
Course Name	Fluid Mechanics	Course Code	1801404 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Sri V. V. Prasad	Member	Asst. Professor	
3	Sri M.C.V. Subbaiah	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 and coverage To overcome the short comings from the students point of view if any	Students are unable to work out number of problem in online teaching. Teaching through pen tablet is more useful and better understanding through online mode. Slow learners facing difficulty to catch the concept through online teaching.	Students are showing interest to attend classes regularly and every day attendance is more than 90%. Assignments are submitted on time. Additional classes are scheduled at student interest.	Students are losing their confidence if the pandemic is Continue. Faculty student interaction is missing. Students are not having desktop and difficult to see the mobile phone screen is difficult.	Online classes through pen tablet is useful and make their attention in class. Handwritten material, ppt and E-Textbooks are shared to the students are useful in exam point of view. To cover the syllabus, extra classes are planned beyond regular hours.

Member	Member	Coordinator	HOD Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV	
Course Name	Solid Mechanics – 1	Course Code	1801405	R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Dr. N. Amaranatha Reddy	Member	Assoc. Professor	
3	Prof. V. Giridhar	Member	Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	The syllabus coverage of SM-1 is not according to lecture plans	Students are aware of LMS tools.	Regular practice is missing	Tutorial classes need to be taken and allow the students to solve problems independently.
To check the uniformity in the content delivered and syllabus and coverage	The on line teaching is not that much effective as class room teaching	They can retrieve and download the lecture materials easily from websites	Poor in applying applied mathematics to problematic subjects	
To overcome the short comings from the students point of view if any	Most of the students are following on line lectures on smart phones			

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV
Course Name	Solid Mechanics – 1	Course Code	1801405 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Dr. N. Amaranatha Reddy	Member	Assoc Professor	
3	Prof. V. Giridhar	Member	Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Because of covid-19 pandemic situation and lock down of college, I-internal examinations are not conducted	Accustomed to online mode of teaching	Lack of use of laptops	Be available to students at convenient time and clarify their doubts over online or over phone.
To check the uniformity in the content delivered and syllabus and 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	
To overcome the short comings from the students point of view if any	Syllabus is not completed			

Member	Member	Coordinator	HOB Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV
Course Name	Disaster Preparedness & Planning Management	Course Code	1801406 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri B. S. Praveen	Coordinator	Asst Professor	B.S.P
2	Ch Santosh Kumar	Member	Asst.Professor	Ch SK
3	Miss V.S. Neeraja	Member	Asst.Professor	Neeraja

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 and coverage To overcome the short comings from the students point of view if any	Due to the poor access of internet there is a lack of interaction disturbance between faculty and students. Students are not having enough internet data for listening all the classes. The concerned faculty are not having idea that the students are attentive or not in the class.	Hand written notes/ Document are giving to students immediately after class.	Solving more number of problems during online 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. Giving more tutorial and assignment questions which are not covered in the regular class.

Member	Member	Coordinator	HOD Head



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech II / IV
Course Name	Disaster Preparedness & Planning Management	Course Code	1801406 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri B. S. Praveen	Coordinator	Asst Professor	B.S.P
2	Ch Santosh Kumar	Member	Asst.Professor	Ch.S.K
3	Miss V.S. Neeraja	Member	Asst.Professor	V.S.N

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 and coverage To overcome the short comings from the students point of view if any	For some topics more examples are required to reach their standards of understanding Due to the poor access of internet there is a lack of interaction disturbance between faculty and students. Some of the students asking to deliver the lecture in Telugu language	Recent disasters preparedness and management systems examples are taught to alert them and act accordingly. Eg: Covid-19	If a particular student was questioned he/she unable to answer during online lecture spontaneously.	Mentoring the students who are not responding to the questions More lecture classes required to teach the topics beyond the syllabus by including latest Disaster management systems.

Ch.S.K	V.S.N	B.S.P	Head
Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Concrete Technology	Course Code	1801602 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri N. Prathap Kumar	Coordinator	Professor, <i>Atijhant</i>	<i>[Signature]</i>
2	Miss V.S. Neeraja	Member	Asst.Professor	<i>[Signature]</i>
3	Prof. V. Giridhar	Member	Professor	<i>[Signature]</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Because of poor internet connectivity access faculty vs students' interaction is less.	Google meet video links are sending to their groups.	writing over slideshow using pen at the beginning & sometimes also is not good	Giving more topic related problems and assignment questions for practicing purpose
To check the uniformity in the content delivered and syllabus and coverage	The faculty are not having any idea that the students are listening or not in the class.	While teaching itself playing animation & General videos.	Attaining students' attention quickly.	To check the attentiveness in the class, implementation of multiple choice questions, fill in the blanks, true or false in quizzes are advisable.
To overcome the short comings from the students point of view if any	Students are not having basic knowledge regarding the prerequisites of the subjects.	Usage of LMS tools for better understanding of concepts.	Solving number of problems during online class work is difficult for the faculty	Faculty are advised to practice on pen tablet regularly to improve their writing ability

<i>[Signature]</i> Member	<i>[Signature]</i> Member	<i>[Signature]</i> Coordinator	<i>[Signature]</i> HOD
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Concrete Technology	Course Code	1801602 R 18

Committee Members::

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	For some topics more examples are required to reach their standards of understanding.	Google meet video links are sending to their groups. Course materials are giving immediately after class.	writing over slideshow using pen at the beginning & sometimes also is not good	Giving more topic related problems and assignment questions for practicing purpose.
To check the uniformity in the content delivered and syllabus and coverage	Students are uninterested in refer books/materials suggested by the faculty for improvised learning.	While teaching itself playing animation & General videos.	If a particular student was questioned, he/she unable to answer during online lecture spontaneously.	To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false in quizzes are advisable.
To overcome the short comings from the students point of view if any	Students are not having basic knowledge regarding the prerequisites of the subjects.			Faculty are advised to practice on pen tablet regularly to improve their writing ability

Member	Member	Coordinator	HOD Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Structural Analysis II	Course Code	1801603 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. N. Amaranatha Reddy	Coordinator	Associate Professor	
2	V. Ramesh Babu	Member	Associate 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.	Students want brush-up the basics of Prerequisite subjects before starting actual subject.	Usage of Pen tablet for explaining each and every problem	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 and coverage	Students are listening online classes through mobiles which make them difficult to understand.	The related text books are send before commencement of topics to be covered	Solving more number of problems during online class	Giving more tutorial and assignment questions which are not covered in the regular class.
To overcome the short comings from the students point of view if any	The concerned faculty are not able to identify that the students are attentive or not in the class.	Course material/handouts are giving before/after class	work is difficult for the faculty	Give few numerical problems and ask them to solve at home and submit to faculty for evaluation.
	Students facing problems in understanding if the faculty explaining the topic through PDF files.			

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Structural Analysis II	Course Code	1801603 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. N. Amaranatha Reddy	Coordinator	Associate Professor	
2	V. Ramesh Babu	Member	Associate Professor	
3	Sri V. V. Prasad	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
The main objective is to determine reactions, bending moments, shear force, absolute maximum shear force and bending moment in beams subjected to moving loads.	Students are not able to do basics regarding matrices i.e finding inverse of matrices and not able to operate calculator for problem solving.	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	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)
The purpose is to analyze indeterminate beams by using stiffness and flexibility matrix methods.	Most of the students are attending to classes without calculators			

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Design of Reinforced Concrete Structures – 1	Course Code	1801604 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri I. Sreenivasa Reddy	Coordinator	Asst Professor	
2	Dr. V. Ramesh Babu	Member	Assoc. Professor	V. Ramesh Babu
3	Miss V.S. Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching.	Students need better explanation by covering the number of problems in class.	Usage of LMS tools for better understanding of concepts	All the students are not having proper computer system to attend the online classes.	Faculty has to interact with the students and find out the way in which those particular section students need explanation.
To check the uniformity in the content delivered and syllabus and coverage	Students are facing problems to understand the theory background in online mode.	The related Video links are sending to their groups	Not having consistent internet connection from student and faculty.	Conducting more tutorial classes and giving assignment questions will be helpful.
To overcome the short comings from the students point of view if any	Student need the explanation material used for online class before starting the class.	Course material/handouts are giving immediately after class		Faculty are advised to practice on pen tablet regularly to improve their writing ability

Member	Member	Coordinator	HOD Head



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Design of Reinforced Concrete Structures – 1	Course Code	1801604 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri I. Sreenivasa Reddy	Coordinator	Asst Professor	
2	Dr. V. Ramesh Babu	Member	Assoc Professor	
3	Miss V.S. Neeraja	Member	Asst.Professor	

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

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Foundation Engineering	Course Code	1801605 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Rajendra Kumar	Coordinator	Asst Professor	
2	Sri M. V. R Kishore Reddy	Member	Asst.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	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, 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 and coverage	Students are not having sound knowledge regarding the prerequisites.	The related Video links are sending to their groups	Solving more number of problems during online class work is difficult for the faculty	Giving more tutorial and assignment questions which are not covered in the regular class.
To overcome the short comings from the 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		Faculty are advised to practice on pen tablet regularly to improve their writing ability
	Students facing problems in understanding if the faculty using conventional method of teaching for theory subjects.	The related Video links are		

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Foundation Engineering	Course Code	1801605 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Rajendra Kumar	Coordinator	Asst Professor	
2	Sri M. V. R Kishore Reddy	Member	Asst. 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	Shortage in coverage of syllabus due to slow pace of teaching to cope with the slow learners.	Students are habituated to online mode of teaching	Students could not employ PC for online classes	Providing site visits and workshops to gain the knowledge in the subject.
To check the uniformity in the content delivered and syllabus and coverage	Attention of students is lacking due to their business with other activities.	Students are gaining interest with the coverage of syllabus and requested extra hours	Solving more number of problems during online class work is difficult for the faculty	Giving tutorial and assignment questions which are not covered in the regular class.
To overcome the shortcomings from the students point of view if any	Students' performance could not be evaluated due to extended lockdown.			

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Water Resources Engineering – 1	Course Code	1801606 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 B. S. Praveen	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	Handwritten notes/material as a document was given to the students after the class	Solving more number of problems during online class work is difficult for the faculty	Giving more tutorial and assignment questions which are not covered in the regular class.
To check the uniformity in the content delivered and syllabus and coverage	Students are not having sound knowledge regarding the prerequisites.	Usage of LMS tools for better understanding of concepts.	Attaining students' attention quickly.	Give few numerical problems and ask them to solve at home and submit to faculty for evaluation.
To overcome the short comings from the students point of view if any	Students facing problem in understanding, if the faculty using conventional method of teaching.			To check the attentiveness in the class, implementation of face to face questioning weak students was advisable.

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Water Resources Engineering – 1	Course Code	1801606 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 B. S. Praveen	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 communication issues occurring between faculty and students	Giving lectures by using Pen tab, students able to understand the problem easily.	Students facing problems to solve more number of problems	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 and coverage	Students are not having sound knowledge regarding the pre-requisites.	Handwritten notes was given to the students after the class		Giving more lectures for the concept which are not covered in the regular class
To overcome the short comings from the students point of view if any				

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VI
Course Name	Port and Harbor Engineering	Course Code	1801610 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. P. Kishore Kumar Reddy	Coordinator	Associate Professor	
2	Prof. G. Sreenivasa Reddy	Member	Profesoor	
3	Miss V.S. Neeraja	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Due to the poor access of internet there is a lack of interaction disturbance between faculty and students.	Hand written notes/ Document are giving to students immediately after class	Lack of use of laptops and desktops	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 and coverage	Students are not having enough internet data for listening all the classes.	Guest lectures on ports and harbours helped the students to understand relevant topics more easily		More videos on harbour related works example dredging ,operations and costal protection works need to be played and uploaded
To overcome the short comings from the students point of view if any	The concerned faculty are not having idea that the students are attentive or not in the class.			

Member	Member	Coordinator	HOD



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

Department	Civil Engineering	Year/Semester	VI
Course Name	Port and Harbor Engineering	Course Code	1801610 R 18

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. P. Kishore Kumar Reddy	Coordinator	Associate Professor	
2	Prof. G. Sreenivasa Reddy	Member	Professor	
3	Miss V.S. Neeraja	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	For some section the syllabus coverage of P&HE is not according to lecture plans because of staff of concerned subject is affected by Corona	Videos related to famous harbours and ports of different nations are available	Students are not able to prepare their own study material regarding P&HE	Insist students to prepare some PPT on various aspects of Port & Harbors and present.
To check the uniformity in the content delivered and syllabus and coverage	Most of the topics related to Port & Harbour Engineering are not familiar as the case with Highway and Railway Engineering			
To overcome the short comings from the students point of view if any	No nearby ports or harbours to take students and explain different off shore structures			

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII R15
Course Name	Sanitary Engineering	Course Code	1501801

Committee Members:

S. No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Assistant Professor	
2	Smt. K. Niveditha	Member	Assistant Professor	
3	Sri V. V. Prasad	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	The faculty are not having any idea that the students are listening or not in the class. Because of poor internet connectivity access faculty vs students' interaction is less. Students are not having basic knowledge regarding the prerequisites of the subjects.	Teaching with related animation & General videos. Usage of LMS tools for better understanding of concepts The related Video links are sending to their groups.	writing over slideshow using pen at the beginning & sometimes also is not good Solving more number of problems during online class work is difficult for the faculty Attaining student's attention quickly.	To check the attentiveness in the class, implementation of multiple choice questions, fill in the blanks, true or false in quizzes are advisable. Giving more topic related problems and assignment questions for practicing purpose Faculty are advised to practice on pen tablet regularly to improve their writing ability

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VII R15
Course Name	Sanitary Engineering	Course Code	1501801

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Professor, Assistant	
2	Smt. K. Niveditha	Member	Asst.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 To check the uniformity in the content delivered and syllabus coverage To overcome the shortcomings from students' point of view, if any	Very few students are attentive during the class and respond to the faculty queries. Students are uninterested in refer books suggested by faculty for improvised learning. Very few students facing network Issues during the class	Usage of LMS tools for better understanding of concepts. The related ppts and assignments are sending to their groups. Course material/handouts are giving immediately after class	writing over slideshow using pen at the beginning & sometimes also is not good Solving more number of problems during online class work is difficult for the faculty Attaining student's attention quickly	To check the attentiveness in the class, implementation of multiple-choice questions, fill in the blanks, true or false in quizzes are advisable. Giving more topic related problems and assignment questions for practicing purpose

Member	Member	Coordinator	HOD Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VIII	R15
Course Name	Design & Drawing of Irrigation Structures	Course Code	1501802	

Committee Members:

S. No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Prof. V. Giridhar	Member	Asst.Profeesor	
3	Sri M.C.V. Subbaiah	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	Lack of Faculty student interaction is missing while solving design problems due to online class hours. When solving irrigation structure design problems, field visits are required. Students feel shy to communicate with their teachers due to lack of communication skills.	Strength Teachers related to this subject have a wealth of knowledge in solving design solutions The course is well equipped with covering, practice sessions and solving design solutions.	Weakness Solving design problems of irrigation structures through online mode is difficult task for the faculty. Students work in teams to draw irrigation structures is difficult in online learning.	Continue to monitor during class time and practice sessions to overcome shyness and bring hope to students to improve their knowledge Practice sessions, assignments and tutorials are required beyond the regular course hours. Frequent field visits, guest lectures, handout design etc. is recommended to improve the basic subject knowledge.

Member	Member	Coordinator	HOD



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B. Tech IV Year/ VIII Semester	
Course Name	Design & Drawing Of Irrigation Structures	Course Code	1501802	R15

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Prof. V. Giridhar	Member	Asst.Professor	
3	Sri M.C.V. Subbaiah	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	Practice sessions are missing due to pandemic and students are difficult to draw irrigation drawing in exam. Students are facing difficulty in doing design problems in online teaching. Students are facing problem attending online classes through mobile phone.	Students are having sound knowledge in theoretical concept of water resource engineering The students are try to learn more concepts through different sources like books or internet.	Students experience the fear of failure, which renders them unable to perform optimally. Students struggle to stay focused or have a short attention span. They find it hard to concentrate during the lecture or study for long hours.	Hands on practice in the form model making, improves thinking capabilities of students. Practice sessions are missing due to pandemic, reduce the load in the form drawing in examination. Field visits or guest lectures are required to improve the basic subject knowledge

Member	Member	Coordinator	HOD Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech IV Year/II Semester
Course Name	Quantity Surveying & Valuation	Course Code	1501803

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. V. Giridhar	Coordinator	Professor	
2	Sri M.V.R. Kishore Reddy	Member	Asst.Professor	
3	Sri I. Sreenivasa 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	Students are having more confusion to understand the theory presenting in classes Very few students are attentive during the class and respond to the faculty's queries. Students are not receiving class room teaching material regularly. Students have less idea of the prerequisites of the course.	Usage of LMS tools for better understanding of concepts Solving more number of problems during online class work is difficult for the faculty	Unable to write entire theory on paper using pen tablets. Solving more number of problems during online class work is difficult for the faculty	Concern faculty has to explain the theory part with practical examples and animations. Giving more tutorial and assignment questions which are not covered in the regular class. Faculty are advised to practice on pen tablet regularly to improve their writing ability

Member	Member	Coordinator	HOD Head



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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	B.Tech IV Year/II Semester
Course Name	Quantity Surveying & Valuation	Course Code	1501803

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. V. Giridhar	Coordinator	Professor	
2	Sri M.V.R. Kishore Reddy	Member	Asst.Professor	
3	Sri I. Sreenivasa 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 if any.	Shortage in coverage of syllabus due to less pace of teaching online to cope for the slow learners. Most of the students are not attentive during the class session due to their business with other than curricular activities or their reluctance towards online mode of teaching. Students could not receive proper delivery of teaching may be due to their inefficiency in employing desktops/laptops for online classes.	Students were gradually habituated to online mode of teaching. Increase in interest of students was noticed with the advancement of syllabus and they sought more practice sessions /extra classes	Less than 50% of students respond to the faculty during the teaching session and inactive participation while discussions. Lack of practice by the students at home was noticed while discussion sessions through online.	Students should get motivated towards the subject which could be possible with awareness on real time projects, problems experienced during the projects and different solutions should be sought from students as assignments/tasks. For this purpose, faculty should be trained/aware of the societal needs. Faculty should be supervised/guided by the experienced personnel of this field or continuous interaction of the faculty with the industry is required to train the students cope with the societal requirements after their graduation.

Member	Member	Coordinator	HOD



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VIII	R15
Course Name	Finite Element Methods	Course Code	1501804	

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. A. Mohan	Coordinator	Professor	
2	Dr. P. Kishore Kumar Reddy	Member	Associate Professor	
3	Sri. G. Venkata Raghu	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 insufficient amount of internet connectivity / access students' response is less. Lateral entry students are not having sound knowledge of doing matrix analysis. Most of the students are listening the classes without concentrating on the subject.	Usage of LMS tools Video links Course material	Fundamental of matrix method of analysis not covered Not able to solve more number of numerical problems	Implementation of multiple choice questions, fill in the blanks, true or false and matching questions in quizzes.

Member	Member	Coordinator	HOD

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Civil Engineering	Year/Semester	VIII Semester R 15
Course Name	Finite Element Methods	Course Code	1501804

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. A. Mohan	Coordinator	Professor	
2	Dr. P. Kishore Kumar Reddy	Member	Associate Professor	
3	Sri. G. Venkata Raghu	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 insufficient amount of internet connectivity / access students' response is less. Most of students are not turnup to online classes and not respond to questions. Performance of students cannot be evaluated in online classes.	Usage of LMS tools for better understanding Usage of pen tablet for explanation gives better understanding Course material shall be provided to students after class	Network issues. Solving more number of problems difficult in online classes. Students are not following books regularly	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