



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

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29/12/2021

Department	Civil Engineering	Year/Semester	III
Course Name	Geology and Building Materials	Course Code	2001302 (R20)

Committee Members:

S.No	Name	Role	Designation	Signature
1	SRI.G.VENKATESWARLU	Coordinator	Asst Professor	
2	Sri B VINAYAKA	Member	Asst. Professor	
3	Sri D DHARMA SIMHA REDDY	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.	ICT Tools is used for better understanding the topics. & do geological field or Practical experience is essential.	Lacking of knowledge for geology Understanding. to determine the geological properties is missing	Try to solve as many geological investigations and try to give real life problems.
To check the uniformity in the content delivered and syllabus and coverage.	Irregular to classes as well as link concept wise.	Faculty are trying to cover all topics with practical explanation.	Attention of students is lacking.	Try to teach the class with latest technologies.
To overcome the short comings from the students point of view if any.	Real Practical exposure is needed.	Showing concept wise videos. Are explain to fulfill geological problems.	Lack of visualization of the concepts.	Try to take field visits for better understanding.

Member	Member	Coordinator	HOD

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Date: 29-12-2021

Department	Civil Engineering	Year/Semester	III
Course Name	Geomatics	Course Code	2001305 (R20)

Committee Members:

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Few Students took more time for understanding angles in compass surveying.	Experiments were arranged parallel for better understanding of the concepts.	Week students require more time to understand.	Giving more tutorial and assignment questions in the class.
To check the uniformity in the content delivered and syllabus and coverage	Week students are not able to solve different types of problems related to leveling.	Design is simple but requires full concentration to solve correctly.	Not able to practice more examples in the class itself	Extra classes or giving assignments makes the student to practice more problems.
To overcome the short comings from the students point of view if any	Week students faced difficulties in plotting of contours.	Practicing more problems in class and doing experiments in field simultaneously.	Procedures makes the student confuses more.	Not to get confusion, practical exposure is must.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

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Department	Civil Engineering	Year/Semester	III
Course Name	Advanced Strength of Materials	Course Code	2001303 (R20)

Committee Members:

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Covering less number of problems in class room	Teaching on board to the students	Having less time for the semester	Faculty should give extra solved problems to students
To check the uniformity in the content delivered and syllabus and coverage	Uniform content was delivered in all the sections as per syllabus	Having textbooks in library for the content delivered in class room	Most of the students are not referring text books	Faculty should encourage the students to utilize library facility
To overcome the short comings from the students point of view if any	Portion covered is not to the schedule	Offline teaching	Delay in starting of the semester	Faculty are advised to take extra classes

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29/10/2021

Department	Civil Engineering	Year/Semester	V
Course Name	STRUCTURAL ANALYSIS-I	Course Code	1801503 (R18UG)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. P. Kishore Kumar Reddy	Coordinator	Associate Professor	
2	Dr. N Amarantha Reddy	Member	Asst. Professor	
3	Dr. V Ramesh Babu	Member	Associate Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To understand the significance of Analysis of the subject	Students are unable to understand basic of the problems.	More Examples are explained to understand the subject	Students are weak in fundamentals of the subject	To overcome difficulties, revision of bending moment and shear force has been taught
To over the shortcoming of the students point of view	NIL	Problems are clearly explained	NIL	NIL
To check the coverage of syllabus according to the Internal Examination	The concerned faculty identified few students are irregular which hampers their understanding level in upcoming chapters	The related notes and study material is distributed to students for students	Difficult in understand the concepts of MD Method	Assignments are given to students and told to refer the class notes

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29-10-2021

Department	Civil Engineering	Year/Semester	V
Course Name	Environmental Engineering	Course Code	1801505 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri G. Venkateswarlu	Coordinator	Asst. Professor	
2	Sri. K. Pramod	Member	Asst. Professor	
3	Sri Ch. Santosh Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Most of the students are not referring textbooks.	Handwritten notes were given to the students in the class itself.	To get good knowledge about Quality of water, it requires the prerequisites.	Giving more tutorial and assignment questions.
To check the uniformity in the content delivered and syllabus and coverage	Students don't have the required prerequisites.	Not required a good knowledge in chemistry but basic requires.	Making them understood those concepts is not possible during the class time.	Some video lectures are to be sent to students covering atleast the topics they need to know.
To overcome the short comings from the students point of view if any	Lack of confidence to students makes them sit silently rather than raising their doubts.	Allowing students to meet and clarify their doubts personally in the college times.	Few students feel shy to raise their doubts in the class itself.	Building self confidence to students is a important thing.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29/10/2021

Department	Civil Engineering	Year/Semester	V
Course Name	Geotechnical Engineering	Course Code	1801504 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri. P. Suresh Praveen Kumar	Coordinator	Asst. Professor	
2	Sri. M. C. Venkata Subbaiah	Member	Asst. Professor	
3	Sri. M. V. Ravi Kishore Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	<ul style="list-style-type: none"><li>Lack of exposure and knowledge in the engineering subjects.</li><li>Problem solving skills are very poor.</li><li>Expressing the view of the topic and discussions are poor.</li></ul>	<ul style="list-style-type: none"><li>Learning materials are provided the students before the commencement of class work.</li><li>Continuous evaluation is monitored in the form of conducting quizzes and assignments.</li></ul>	<ul style="list-style-type: none"><li>Excessing more number of problems in the class is difficult</li></ul>	
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				

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Date: 29/10/2021

Department	Civil Engineering	Year/Semester	V
Course Name	Hydraulic Machinery	Course Code	1801502 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Pavan Kumar	Coordinator	Asst. Professor	
2	Sri. M.V. Ravi Kishore Reddy	Member	Asst. Professor	
3	Sri Ch. Santosh Kumar	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are lacking with basic concepts	Material as a document was given to the students with proper explanation.	Students are unable to Practice more derivations	Suggest then watch more tutorials like NPTEL and practice more assignment questions.
To check the uniformity in the content delivered and syllabus and coverage	Few students are facing problem mainly in remembering turbines design procedures.	Design Procedure of turbines are easy but most of the methods interrelated with impact of jets.	An interrelated procedure concept makes the student confuses more.	Not to get confusion, practical exposure is must
To overcome the short comings from the students point of view if any	Week students are unable to understand some design concepts.	Design problems are easy which are interlinking with previous concepts.	Unable to practice more examples in the classroom.	By Taking Extra classes or assigning assignments makes the student to practice.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29/10/2021

Department	Civil Engineering	Year/Semester	V
Course Name	Remote Sensing & GIS	Course Code	1801510 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G. Sreenivasa Reddy	Coordinator	Professor	
2	Sri P. Rajendra Kumar	Member	Asst. Professor	
3	Miss. V. Sai Neeraja	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.	ICT Tools is used for better understanding the topics.	Understanding the concept of physics.	Try to give videos about Latest Improvement in RS & GIS.
To check the uniformity in the content delivered and syllabus and coverage	Irregular to classes.	Faculty are trying to cover all topics.	Attention of students is lacking	Try to teach the class with latest technologies.
To overcome the short comings from the students point of view if any	Hands on practice on RS & GIS	Shown all videos of concepts	Lack of visualization of the concepts.	Try to provide hands on practice of GIS.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29-10-2021

Department	Civil Engineering	Year/Semester	VII
Course Name	Environmental Impact Assessment	Course Code	1801711 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri A Uma Shankar Kumar	Coordinator	Asst. Professor	
2	Sri. K. Pramod	Member	Asst. Professor	<i>[Signature]</i>
3	Sri. D Dharmasimha Reddy	Member	Asst. Professor	<i>[Signature]</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students don't have the prerequisites. Few students didn't even aware about its actual meaning.	Easily understandable subject	Students have to study from starch.	Understanding daily news relevant to environmental problems,
To check the uniformity in the content delivered and syllabus and coverage	Students are feeling tough to understand the actual concepts and few methods like matrix and network.	Not required a good knowledge about the process of various establishments.	Making them understood those concepts is not possible only in the class time.	Some video lectures are to be sent to students covering atleast the topics they need to know.
To overcome the short comings from the students point of view if any	Few students are facing problem mainly in identifying the positive and negative impacts of setting up any firm.	Easily understandable once the student able to expose to the real projects	Class room learning particularly in these concepts s tough.	Field exposure is important.

<i>[Signature]</i> Member	<i>[Signature]</i> Member	<i>[Signature]</i> Coordinator	HOD
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*[Signature]*  
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Date: 29/10/2021

Department	Civil Engineering	Year/Semester	VII
Course Name	Construction Project Planning & Systems	Course Code	1801710 (R18)

Committee Members:

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

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are not able to imagine the exact concept which exists in real.	Usage of PPT's for better understanding of concepts.	Network problems were not able to understand by ppt's conventional teaching method requires.	Giving few numerical problems and ask them to solve at home and submit to faculty for evaluation.
To check the uniformity in the content delivered and syllabus and coverage	Students are not attending classes regularly.	Handwritten notes/material as a document was given to the students after the class.	Solving more types of problems during available class time 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	Week students are facing problem mainly in understanding the theories.	Video lecture helps them to visualize the concepts.	Few students are lack of basic knowledge in solving mathematical Problems.	Taking extra classes for their improvement.

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Date: 29/10/2021

Department	Civil Engineering	Year/Semester	VII
Course Name	Engineering Economics, Estimation & Costing	Course Code	1801701 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. V. Giridhar	Coordinator	Professor	
2	Sri P. Rajendra Kumar	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.	ICT Tools is used for better understanding the topics.	Understanding the drawings of structure.	Try to solve as many problems.
To check the uniformity in the content delivered and syllabus and coverage	Irregular to classes.	Faculty are trying to cover all topics.	Attention of students is lacking	Try to teach the class with latest technologies.
To overcome the short comings from the students point of view if any	Present construction practices of different items is needed.	Cover the basic building structures	Lack of visualization of the concepts.	Try to include all engineering works.

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Date: 29-10-2021

Department	Civil Engineering	Year/Semester	VII
Course Name	Sanitary & Solid Waste Management	Course Code	1801705 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Smt. K. Niveditha	Coordinator	Asst. Professor	
2	Sri. K. Pramod	Member	Asst. Professor	
3	Sri. D. Dharma Simha Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are lacking with required prerequisites.	Handwritten notes/material as a document was given to the students after the class	Solving more types of problems during available class time 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 feeling tough to understand the concepts which require knowledge in chemistry.	Not required a good knowledge in chemistry but basic requires.	Making them understood those concepts is not possible during the class time.	Some video lectures are to be sent to students covering atleast the topics they need to know.
To overcome the short comings from the students point of view if any	Few students are facing problem mainly in understanding the design of various treatment units.	All designs and formulas are easy only.	More lengthy design and more number of formulas makes the students feel the subject tough.	Make them realize the original importance of every design parameter is compulsory.

Member	Member	Coordinator	Head



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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 29/10/21

Department	Civil Engineering	Year/Semester	VII
Course Name	Design of Steel Structures	Course Code	1801703(R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri V. V. Prasad	Coordinator	Asst. Professor	V.Ven
2	Sri K Hemanth Kumar Reddy	Member	Asst. Professor	kH
3	Sri B N Vinod r	Member	Asst. Professor	BVinod

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	No basic knowledge on steel structures	Neat typed material with relevant structural drawings as per content is given.	Students are not getting the subject due to no basics before in this subject.	Giving video lectures and PPTs to better understand before the class.
To check the uniformity in the content delivered and syllabus and coverage	Students are not following code books related to the design.	Explaining the design steps following with code books in class.	Not following code books	Encourage the students to use code books and steel tables.
To overcome the short comings from the student's point of view if any	Students are facing to correlate the codal provisions when solving the problem.	Attending Regular Classes.	Few students are lack of basic knowledge	Explaining more problems and giving assignments.

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Date: 29/10/2021

Department	Civil Engineering	Year/Semester	VII
Course Name	Design of Reinforced Concrete Structures - 2	Course Code	1801702 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. I. Srinivasula Reddy	Coordinator	Asst. Professor	
2	Dr. V. Ramesh Babu	Member	Associate Professor	
3	Miss. V. Sai Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	There are no issues with teaching process	Teaching on board and projectors to the students	Lack of basics in few students	Faculty should use projectors for better understanding
To check the uniformity in the content delivered and syllabus and coverage	Uniform content was delivered in all the sections as per syllabus	The syllabus designed mostly from the standard text books available in Library	Most of the students are not referring text books	Faculty should encourage the students to utilize library facility
To overcome the short comings from the students point of view if any	Students need practical exposure to the subject	Practical exposers can also explain with projectors	Digital material may not convey as much as practical	Advised to arrange field visits to students

Member	Member	Coordinator	HOD Head

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