



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

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03/03/2022

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 filed visits for better understanding.

Member	Member	Coordinator	HOD

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03-03-2022

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	Students are not referring textbooks properly.	Giving notes in classes helps them to study.	Students not showing in reading the textbooks.	Encouraging students to give refer more textbooks.
To check the uniformity in the content delivered and syllabus and coverage	Students facing problems in understanding the total station completely and clearly.	Operating and doing experiments makes the students understood better.	Week students are facing problem in using the total station properly.	Field exposure provides them a great understanding of the concept.
To overcome the short comings from the students point of view if any	Students require more time to understand the recent advances in surveying.	Taking more number of classes helps them to give more information to the recent advances.	Student not able to remember it without performing any experiments.	Using online V-Labs helps n better understanding.

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03/03/2022

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	Students need study material for all the units	Faculty having proper course file	Sharing study material at end of the lessons to note the lessons taught in class	Better to give solved problems during teaching
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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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13/12/2021

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 check the coverage of syllabus according to the External Examination	NIL	Students improved in solving problems by their own	NIL	To introduce the related software's for analysis of structures
Discuss of overall syllabus and review of Previous Question papers	Students are copying the Assignment problems from their friends' notes	To know the different methods to solve the problems	NIL	Remedial Classes were taken for students who got less in Internal Exams.
NIL	NIL	Coverage of syllabus completed in time.	NIL	Counselling to some students were conducted

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13-12-2021

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	Students facing problems in remembering the design of every treatment unit.	Design and formulas are simple only.	Not able to solve more type of examples in the class itself.	Giving assignments and making them understood clearly about each parameter in design
To check the uniformity in the content delivered and syllabus and coverage	Students are not aware much about the recent advances related to water treatment.	Recent advances were included in the syllabus.	Requires concepts of chemistry.	Extra classes should be taken to make them understood the topics clearly.
To overcome the short comings from the students point of view if any	Not practicing more numerical related to design of pipe networks.	All designs and formulas are easy only.	More lengthy design and more number of formulas makes the students feel the subject tough.	Practical knowledge is required for the complete understanding of designing and laying of pipe networks.

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13/12/2021

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>Continuity between the topics is missing in the minds of students.</li> <li>Problem solving is difficult in the regular classwork</li> </ul>	<ul style="list-style-type: none"> <li>Topics taught by PPT</li> <li>Providing the solutions for the assignment topics</li> <li>Discussing the real time problems in the class</li> </ul>	<ul style="list-style-type: none"> <li>More number of teaching hours are wasting due to the recall of the previous classes.</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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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13/12/2021

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 not able to understand pumps and some topics.	Teaching the topics with PPT.	Visualization's needs much more time which affects the class time to teach further concepts.	Suggesting students to give refer NPTEL concepts and more textbooks.
To check the uniformity in the content delivered and syllabus and coverage	Students are not referring textbooks properly.	Giving notes in classes helps them to study.	Students not showing in reading the textbooks.	Encouraging students to give refer more textbooks.
To overcome the short comings from the students point of view if any	Students are facing design related problems.	Practicing more examples in classroom itself.	Design related formulas are confusing them and careful calculations were required.	Field exposure provides them a great understanding of the concept.

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13/12/2021

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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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Date: 13-12-2021

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	
3	Sri. D Dharmasimha Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are not able to do EIA case studies	Easy thing once the student understood the actual concepts.	But it requires lots of data, which is a difficult thing for a student to collect.	Giving assignments and encouraging them to give seminars on the case studies.
To check the uniformity in the content delivered and syllabus and coverage	Few students are not following any textbooks/reference books	A lot of material is available to the student in online.	May be a chance of wasting student time in finding a better material	Making the students understood the importance of referring text books / reference books.
To overcome the short comings from the students point of view if any	Week students are feeling tough to understand the concepts of Environmental Audit.	Video lectures related to the audit courses were sent additionally to the class room notes.	Students are feeling tough to understand the concepts audit.	Practical approach instead of theoretical approach will helps the students better.

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13/12/2021

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	Most of the students are not referring textbooks.	Handwritten notes were given to the students in the class itself.	To get good knowledge about construction equipment's, it requires the prerequisites.	Giving more tutorials and assignment questions.
To check the uniformity in the content delivered and syllabus and coverage	Not a good student – faculty association.	Allowing students to meet and clarify their doubts personally in the college times.	Some students feel shy to raise their doubts in the class itself.	Building self-confidence to students is a important thing.
To overcome the short comings from the students point of view if any	Students are not aware much about the recent advanced construction equipment's.	Recent advances were included in the syllabus.	Requires concepts of more about construction equipment's	Extra classes should be taken to make them understood the topics clearly.

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Date: 13/12/2021

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: 13-12-2021

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	In the concepts of tertiary treatment, students are feeling tough to remember the various processes, since all the process seems to be same with different types of bacteria.	Revising the topics frequently makes the students remember about the topic.	But visualizations needs much more time which affects the class time to teach further concepts.	Giving assignments and encouraging them to give seminars builds confidence to the students
To check the uniformity in the content delivered and syllabus and coverage	Not able to understood better and imagine the real impacts that causes due to the various disposal methods of solid waste.	It should be very realistic, which happens through our daily activities.	Lechate pollution and few bio medical waste topics aren't shown in the field.	Field exposure provides them a great understanding of the concept.
To overcome the short comings from the students point of view if any	Students thought that the information they know is much about the concepts of air and noise pollutions.	Atleast they know the basic about the air and noise pollution.	Students are feeling tough to understood the concepts of noise pollution mainly.	A very few basics of physics will definitely helps them to understood it better.

 Member	 Member	 Coordinator	 Head HOD
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 13/12/21

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	K.H.K.R
3	Sri B N Vinod	Member	Asst. Professor	B. Vinod

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	No basic knowledge on steel connections.	Neat typed material with relevant structural drawings as per content is given.	No preparedness from students' side before coming to the class.	Giving video lectures and PPTs to better understand before the class.
To check the uniformity in the content delivered and syllabus and coverage	Few students are not understanding and not capable to visualize the detailing of the steel structures.	Giving visualized content to the students.	Not following the classes continuously.	Better to go Field visits for showing steel structures.
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: 13/12/2021

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	Students need material for lengthy design problems	Faculty having proper course file	Some students are not patient to solve the lengthy problems.	Faculty are advised to provide material what they teach in classroom.
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	Students are unable to solve the lengthy problems in mid examinations due to lack of time.	Setting mid questions by the teaching faculty	Lack of problem solving practice in students.	Faculty are advised to set question papers mark wastage based

	V. Sai Neeraja		
Member	Member	Coordinator	HOD Head

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