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K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS

Department of Electrical & Electronics Engineering
FIRST DEPARTMENT REVIEW COMMITTEE REPORT (DRC) 2020-21

Committee Members::

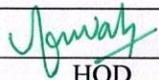

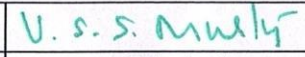
S.No	Name	Role	Designation	Signature
1	Dr.K.Amaresh	Coordinator	HOD & Professor	
2	Sri M.Bhaskar Reddy	Member	Associate Professor	
3	Sri K.Rama Mohan Reddy	Member	Associate Professor	

Year/Semester	Course Code	Course Name	Problems Identified	Suggestions for Improvement
I	2014104	Basic Electrical & Electronics Engineering (CE)	1. The concerned faculty identified few of students are not attending regularly. 2. As it analytical subject, basics should be repeated when needed.	1. Make students to practice more number of problems. 2. Encourage students refer various to gain the knowledge in the subject.
I	1814302	Electronics Devices & Circuits	1. The concerned faculty identified few of students are not attending regularly. 2. As it analytical subject, basics should be repeated when needed.	1. Make students to practice more number of problems. 2. Encourage students refer various to gain the knowledge in the subject.
I	2002109	Fundamentals of Electrical Engineering Lab (ECE)	1. No problems were identified in teaching. 2. Second unit was	1. No suggestions were required in teaching.

			somewhat lengthy.	<p>2. Unit wise Syllabus should be reduced.</p> <p>3. Question banks may be prepared to help slow learning students</p>
III	1814302	Electronics Devices & Circuits	NIL	<p>1. To overcome the above weaknesses try to solve more example problems.</p> <p>2. Exercise few numerical problems from previous question papers.</p>
III	1802303	Electrical Circuit Analysis	<p>1. The related text books and solved problems are sent before commencement of topics to be covered.</p> <p>2. Course material/ handouts are given before/after class.</p> <p>3. Regularly conducting quizzes and assignments for assessing students grasping level.</p>	<p>1. Make students to practice more number of problems.</p> <p>2. Encourage students refer various to gain the knowledge in the subject.</p>
III	1802304	Electromagnetic Fields	Hybrid Teaching Methodology Theory and Problems are clearly explained through Pen tablet in Online Mode	Habituate slowly the online teaching and use graphic pen tablet for better understanding
III	1802305	Electrical Machines - I	<p>1. No problems were identified in teaching.</p> <p>2. Due to first time teaching through online, there are some technical difficulties at the initial period.</p>	No suggestions were required in teaching.

III	1802306	Power Systems-1	1. The concerned faculty identified few of students are not attending regularly.	1. Make students to practice block diagram. 2. Encourage students to do projects in generating stations.
V	1804501	Microprocessors & Microcontrollers	1. The concerned faculty identified few of students are not attending regularly. 2. Due to more number of block diagrams, instructions and ALP programs students felt somewhat difficult at first.	1. Make students to practice block diagrams. 2. Encourage students to do projects using Microprocessors and Microcontrollers.
V	1814502	Linear Digital IC Applications	1. No problems were identified in teaching. 2. Due to first time teaching through online, there are some technical difficulties at the initial period.	No suggestions were required in teaching.
V	1802503	Power Electronics	The concerned faculty identified few of students are not attending regularly.	No suggestions were required in teaching.
V	1802504	Power System Operation & Control	No problems were identified in teaching	No suggestions were required in teaching
V	1802507	Advanced Control Systems	1. The concerned faculty identified few of students are not attending regularly. 2. Due to online teaching	1. Make students to practice more number of problems. 2. Encourage students to do

			graphical method problems explanation was some difficult.	projects using Fuzzy controllers.
VII	1502702	Advanced Control Systems	Unit wise question bank missing	Unit wise question bank should be include
VII	1502703	HVDC Transmission		
VII	1802603	Switch Gear & Protection	Syllabus framed as per norms	Faculty need to take extra class for slow learners Students needs to visit nearby switch yards.
VII	1502705	Electrical Distribution Systems	1. No problems were identified in teaching. 2. Some students were grasping slowly	1. No suggestions were required in teaching. 2. Question banks may be prepared to help slow learning students
VII	1502707	Power Quality	1. The concerned faculty identified few of students are not attending regularly online classes	1. Make students to understand and analyze the basic level of Power Quality problems 2. Encourage students to do projects on Power Quality issues

		
HOD	Dean	Principal

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SECOND DEPARTMENT REVIEW COMMITTEE REPORT (DRC) 2020-21

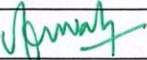
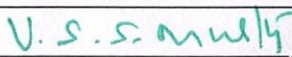
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Year/Semester	Course Code	Course Name	Problems Identified	Suggestions for Improvement
I	2014104	Basic Electrical & Electronics Engineering (CE)	The concerned faculty identified few of them are not attending classes because of irregularity of attending classes	1. To overcome the above weaknesses try to solve more example problems. 2. Exercise few numerical problems from previous question papers
I	1814302	Electronics Devices & Circuits	NIL	NIL
I	2002109	Fundamentals of Electrical Engineering Lab (ECE)	Due to online teaching graphical method problems explanation was some difficult.	Syllabus needed to be modified Unit wise.
III	1802303	Electrical Circuit Analysis	The concerned faculty identified few of them are not attending classes because of	1. To overcome the above weaknesses

			irregularity of attending classes	try to solve more example problems.
III	1802304	Electromagnetic Fields	Coverage of Syllabus completed in time	Revision to be done for the weaker students
III	1802305	Electrical Machines - I	NIL	NIL
III	1802306	Power Systems-1	The concerned faculty identified few of them are not attending classes because of irregularity of attending classes.	To overcome the above weaknesses try to read different text books.
V	1804501	Microprocessors & Microcontrollers	The concerned faculty identified few of them are not attending classes because of irregularity of attending classes.	1. To overcome the above weaknesses try to read different text books.
V	1814502	Linear Digital IC Applications	The concerned faculty identified few of them are not attending classes because of irregularity of attending classes.	To overcome the above weaknesses try to read different text books.
V	1802503	Power Electronics	Due to online mode of teaching students have faced difficult understand the concept of inverter and PWM techniques.	To overcome the above weaknesses try to read different text books.
V	1802504	Power System Operation & Control	NIL	NIL
V	1802507	Advanced Control Systems	Unit wise question bank missing	Syllabus needed to be modified Unit wise.
VII	1502702	Advanced Control Systems	The concerned faculty identified few of	To overcome the

			they are not attending classes because of irregularity of attending classes.	above weaknesses try to solve more example problems. 2. Exercise few numerical problems in identifying frequency applications.
VII	1502703	HVDC Transmission	NIL	NIL
VII	1802603	Switch Gear & Protection	Issues find in first CRC meeting is rectified	Continuous monitoring should be made on student's participation in all the activities.
VII	1502705	Electrical Distribution Systems	1. No problems were identified in teaching. 2. Some students were grasping slowly. 3. Suggested revision classes for slow learners.	1. No suggestions were required in teaching. 2. Question banks may be prepared to help slow learning students
VII	1502707	Power Quality	The concerned faculty identified few of them are not attending online classes regularly and not focusing on the subject.	To overcome the above the relevant basics of the custom power device and their practical implementation for power quality enhancement should be referred from various text books and journals.

		
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