



Department of Electronics and Communication
Engineering

K.S.R.M COLLEGE OF ENGINEERING

AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics and Communication Engineering	Year/Semester	II – IV
Course Name	Basics of electronics Engineering	Course Code	1814404

Committee Members::

S. No	Name	Role	Designation	Signature
1	P. Swetha	Coordinator	Asst. Professor	
2	Sri N. Radha Krishna	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject as BEE	1. Students wants to listen teaching in E-class mode because understand the significance and working	1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic.	1. Difficult to understand the components and working principles of all electronic devices.	1. To create a real time Project Scheduling for the students by using the diodes and other components .

<p>2. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>3.To overcome the shortcomings from students point of view, if any</p>	<p>principles of Diodes, Rectifiers and LED's.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3.Students Requested for study and implement real time Project Planning</p>	<p>2. The related text books and solved problems are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>2. Difficult to Understand the Quality checks in real time.</p>	<p>2. Explaining more number of problems will be expertizing in relevant scheduling of projects.</p> <p>3. Prepare a prototype structure it will understand every components working detailed.</p>
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<p>N. Radhakrishna</p>	<p>P. S.</p>	<p>G. H. S.</p>
<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>

HOD
 Professor & H.O.D.
 Department of E.C.E.
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 KADAPA - 518 083



Department of Electronics and Communication
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics and Communication Engineering	Year/Semester	II – IV
Course Name	Basics of Electronics Engineering	Course Code	1814404

Committee Members::

S.No	Name	Role	Designation	Signature
1	P. Swetha	Coordinator	Asst. Professor	
2	Sri N. Radha Krishna	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To know the basics of amplifier and the how the signal strength will increased based on the different types of amplifiers and also oscillators.	1 Student wants to listen teaching in E-class mode and black boards teaching because understand the topics elaborately.	1. Usage of E Content, Photographs and YOUTUBE videos for explaining each and every topic by the students can be	1. Difficult to understand the working principles of Oscillators and CRO's with E-Content .	1. To overcome the above weaknesses, visit a real time ongoing project to clearly understand every component working principle.

<p>2. To check the Uniform Coverage of syllabus according to the External Examinations.</p>	<p>2. The concerned faculty identified few of them are not because of irregularity of attending classes.</p>	<p>able to understand easily and clearly.</p> <p>2. The related lecture notes handover before commencement of topics to be covered</p>	<p>2. Difficult to Understand the some of the components in real time</p>	<p>2. Explaining topics showing photographs and with all necessary components and also doing some real time experiments based on that components.</p>
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<p>N. Radhakrishna</p>	<p>P. S.</p>	<p>G. H. D.</p>
<p>Member</p>	<p>Coordinator</p>	<p>Professor & H.O.D. HOD</p>

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 FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	IV Sem
Course Name	Electromagnetic Theory and Transmission Lines	Course Code	1804406

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.P.Giri Prasad	Coordinator	Asst. Professor	<i>P.G. Prasad</i>
2	K.Pavan Kumar	Member	Asst. Professor	<i>K. Pavan</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To understand significance Static Electric and Magnetic Fields	1. Students facing difficulty in understanding Coordinate systems and operations on Vectors.	1. More examples are explained to understand the topics.	1. Student must know the fundamental operations in Vector Algebra.	1. To overcome difficulties, revision of vector algebra concepts has to be done.
2. To check the Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few students are irregular which hampers their understanding level in preceding chapters.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts of Guass's law and Biot- savart's law applications	2. To utilize e-content for explaining more number of applications.

<i>K. D. Jayakrishna</i> Member	<i>K. Pavan</i> Member	<i>P. G. Prasad</i> Coordinator	<i>G. H. ...</i> HOD
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Department of Electronics and Communication Engineering

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	IV Sem
Course Name	Electromagnetic Theory and Transmission Lines	Course Code	1804406

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.P.Giri Prasad	Coordinator	Asst. Professor	<i>P.G. Prasad</i>
2	K.Pavan Kumar	Member	Asst. Professor	<i>K-Pavan</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To understand significance of time varying electromagnetic fields and propagation of EM waves in different media.	Students facing difficulty in understanding the time varying fields which involves second order differential equations(DE).	The related notes and study material is distributed to students for revising.	Student must know the fundamentals in solving the higher order differential equations.	To overcome difficulties, revision of solutions to higher order DE are required.
2. To understand significance and applications of Smith Chart	Students find difficulty in drawing the Smith Charts.	More examples are explained to understand the topics.	Student must know the fundamentals in Circuit theory.	Revision of Circuit theory is required to understand the concepts of Transmission lines.

<i>K. Jayakrishna</i> Member	<i>K. Pavan</i> Member	<i>P. G. Prasad</i> Coordinator	<i>G. H. H. H.</i> Professor & H.O.D. Department of E.C.E.
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	IV Sem
Course Name	LabView Programming Lab	Course Code	1804407

Committee Members:

S.No.	Name	Role	Designation
1	Sri. Y.Venkateswara Raju	Coordinator	Asst. Professor
2	Sri. G. Suneel Kumar	Member	Asst. Professor

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the Examination.	1. Students want to listen to teaching in E-class mode because they understand the significance LabView programming and its process.	1. The related text books, Lab Manual and solved problems are sent before commencement of experiments to be done.	1. Difficult to understand the working process of Labview programming.	1. To create a short video on working process of Labview programming.
2.To overcome the shortcomings from students' point of view, if any.	2. The concerned faculty identified a few of them are not attending the lab sessions regularly.	2.Lab manuals /handouts are given before/after lab.		2. To create a real time Project by using Labview and Mydaq data acquisition device.

<i>G. Suneel Kumar</i>	<i>Y. Venkateswara Raju</i>	<i>G. H. Suneel Kumar</i>
Member	Coordinator	HOD

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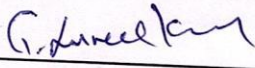
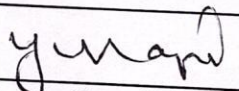
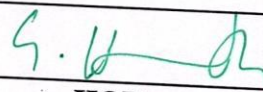
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	IV Sem
Course Name	LabView Programming Lab	Course Code	1804407

Committee Members:

S.No.	Name	Role	Designation
1	Sri. Y.Venkateswara Raju	Coordinator	Asst. Professor
2	Sri. G. Suneel Kumar	Member	Asst. Professor

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To overcome the shortcomings from students point of view, in previous meetings.	1. Students Requested for internship in the point of their project planning.	1. The related text books, Lab Manual and solved problems are sent to the students.		1. Explaining more experiments.

 Member	 Coordinator	 HOD
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Coordinator & H.O.D.
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Department	ECE	Year/Semester	6 th Sem
Course Name	Microwave & optical communications lab	Course Code	1824608

Committee Members:

Md.Mahaboob pasha	K.Pavan Kumar	Dr.G.Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Analyze the characteristics of different microwave Sources.	1. Students are facing difficulty in understanding microwave source characteristic.	1. Usage of latest equipment to explaining Topics.	1. Student must have strong mathematical background.	1. To Use latest equipment for antenna measurements.
2. Measure the parameters of wave guide and Microwave junctions.	2. Some of the students are not attending labs regularly.	2. Experiment related information is shared to students for better understanding.	2. Difficult in understanding the antenna measurement concepts.	2. To take extra lab sessions to revise the concepts
3. Examine the characteristics of optical fiber and Sources.	3. Students are facing difficulty in understanding microwave antenna parameter measurements	3. Practical exposure to microwave devices and optical sources.		
4. Verify the characteristics of microwave antennas				

<i>Md. Mahaboob pasha</i>	<i>K. Pavan Kumar</i>	<i>G. Hemalatha</i>
Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	7 th Sem
Course Name	Microwave & optical communications lab	Course Code	1504709

Committee Members:

Md.Mahaboob pasha	K.Pavan Kumar	Dr.G.Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. Analyze the characteristics of different microwave Sources.	1. Students are facing difficulty in understanding microwave source characteristic.	1. Usage of latest equipment to explaining Topics.	1. Student must have strong mathematical background.	1. To Use latest equipment for antenna measurements.
2. Measure the parameters of wave guide and Microwave junctions.	2. Some of the students are not attending labs regularly.	2. Experiment related information is shared to students for better understanding.	2. Difficult in understanding the antenna measurement concepts.	2. To take extra lab sessions to revise the concepts
3. Examine the characteristics of optical fiber and Sources.	3. Students are facing difficulty in understanding microwave antenna parameter measurements	3. Practical exposure to microwave devices and optical sources.		
4. Verify the characteristics of microwave antennas				

<i>Md. Mahaboob pasha</i>	<i>K. Pavan</i>	<i>G. Hemalatha</i>
Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	II/IV
Course Name	Analog and Digital Circuits Lab	Course Code	1804408

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	S.Sharmila Banu	Coordinator	Assoc. Professor	
2.	Dr. S. L. Prathapa Reddy	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the experiments. 2.To finish the experiments with in time 3. To overcome the short comings of the students	1. Students want to know the experiments which are going to be dealt in the lab. 2. Some of the students are absent for the labs	1.The availability of the multisim software . 2.The easy way of explaining the experiments to the students through the hardware.	1.Difficult to identify the components and their connection from the students point of view.. Difficulty to understand the usage of the experiments in application point of view.	To overcome this problem a demo will be conducted for the components and their connections. Explaining the applications of each experiment and allow the students to mention in the records.

Dr.S.L.P.Reddy Member	S.Sharmila Banu Coordinator	Dr.G.Hemalatha HOD
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SECOND COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	II/IV
Course Name	Analog and Digital Circuits Lab	Course Code	1804408

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	S.Sharmila Banu	Coordinator	Assoc. Professor	
2.	Dr. S. L. Prathapa Reddy	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the experiments. 2.To finish the experiments with in time 3. To overcome the short comings of the students	1. Students want to know the experiments which are going to be dealt in the lab. 2. Some of the students are absent for the labs	1.The availability of the multsim software . 2.The easy way of explaining the experiments to the students through the hardware.	1.Facing difficulty in connection from the students point of view.. Difficulty to understand the usage of the experiments in application point of view.	To overcome this problem we suggested the students to explain theconnection. Explaining the applications of eachexperiment and allow the students to mention in the records.

Dr.S.L.P.Reddy Member	S.Sharmila Banu Coordinator	Dr.G.Hemalatha HOD Professor & H.O.D.
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FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	I M.Tech/I
Course Name	Digital System Design	Course Code	1854101

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	S.Sharmila Banu	Coordinator	Assoc. Professor	
2.	G.Suneel Kumar	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of the subject and its use in physical design. 2.To finish the Syllabus with in time 3. To overcome the short comings of the students	1. Students are new to the course and for the finding the faults and their test generation. 2. Some of the students are irregular.	1. The basics of DSD subject and designing by using the software. 2.To know the different fault models. .	1.Difficult to solve the problems from the students point of view.. Difficulty to understand the algorithms	The practcing sessions will be conducted to avoid the difficulty.

G.Suneel Kumar 	S.Sharmila Banu 	Dr.G.Hemalatha
Member	Coordinator	HOD Professor & H.O.D.

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SECOND COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	I M.Tech/I
Course Name	Digital System Design	Course Code	1854101

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	S.Sharmila Banu	Coordinator	Assoc. Professor	
2.	G.Suneel Kumar	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of the subject and its use in physical design. 2.To finish the Syllabus with in time 3. To overcome the short comings of the students	1. Students are new to the course and for the finding the faults and their test generation. 2. Some of the students are irregular.	1. The basics of DSD subject and designing by using the software. 2.To know the different fault models.	1.Difficult to solve the problems from the students point of view.. Difficulty to understand the algorithms	The practcing sessions will be conducted to avoid the difficulty.

Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	III/VI
Course Name	Fiber Optic Communication(PE)	Course Code	1804604

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	Dr. S. L. Prathapa Reddy	Coordinator	Assoc. Professor	
2.	S.Sharmila Banu	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of the subject and its use in real applications. 2.To finish the Syllabus with in time 3. To overcome the short comings of the students	1. Students are very dull in analyzing the concepts. 2. Some of the students are irregular.	1. The students are studied the concepts of optics in the lower studies. 2.To know the different ways of communication using optics.	1.Difficult to solve the problems from the students point of view.. Difficulty to recollect the concepts.	The practicing sessions will be conducted to avoid the difficulty.

 S.Sharmila Banu Member	 Dr.S.L.P.Reddy Coordinator	 Dr.G.Hemalatha HOD Professor & H.O.D.
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SECOND COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	III/VI
Course Name	Fiber Optic Communication(PE)	Course Code	1804604

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	Dr. S. L. Prathapa Reddy	Coordinator	Assoc. Professor	
2.	S.Sharmila Banu	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of the subject and its use in real applications. 2.To finish the Syllabus with in time 3. To overcome the short comings of the students	1. Students are very dull in analyzing the concepts. 2. Some of the students are irregular.	1. The students are studied the concepts of optics in the lower studies. 2.To know the different ways of communication using optics.	1.Difficult to solve the problems from the students point of view.. Difficulty to recollect the concepts.	The practicing sessions will be conducted to avoid the difficulty.

 Member	Dr.S.L.P.Reddy Coordinator	Dr.G.Hemalatha HOD Professor & H.O.D.
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Department	ECE	Year/Semester	I M.Tech/I
Course Name	Digital System Design Lab	Course Code	

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	S.Sharmila Banu	Coordinator	Assoc. Professor	
2.	K.Divya Lakshmi	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the Programmes and their implementation. 2.To finish the experiments with in time 3. To overcome the short comings of the students	1. Students are new to the Verilog Software 2. Some of the students are absent for the labs	1.The Xilinx Software. 2.The easy way of explaining the programmes to the students through the software and their implementation.	1.Difficult to analyze the code and also to write the code -from the students point of view.. Difficulty to understand the test bench creation..	The demo will be conducted and explained the basics of verilog software.

K.Divya Lakshmi Member	S.Sharmila Banu Coordinator	Dr.G.Hemalatha HOD Professor & H.O.D.
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Department	ECE	Year/Semester	I M.Tech/I
Course Name	Digital System Design Lab	Course Code	

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	S.Sharmila Banu	Coordinator	Assoc. Professor	
2.	K.Divya Lakshmi	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the Programmes and their implementation. 2.To finish the experiments with in time 3. To overcome the short comings of the students	1. Students are new to the Verilog Software 2. Some of the students are absent for the labs	1.The Xilinx Software. 2.The easy way of explaining the programmes to the students through the software and their implementation.	1.Difficult to analyze the code and also to write the code -from the students point of view.. Difficulty to understand the test bench creation..	The programmes are explained in verilog software.

 K.Divya Lakshmi	 S.Sharmila Banu	 Dr.G.Hemalatha
Member	Coordinator	HOD Professor & H.O.D.

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
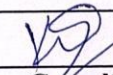
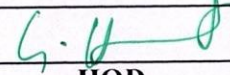
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics & Communication engineering	Year/Semester	VIII Sem
Course Name	Satellite Communications	Course Code	1504802(C412)

Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt. K.Divya lakshmi	Coordinator	Asst.Professor	
2	Sri M.Ramamurthy naik	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1.To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>2.To overcome the shortcomings from students' point of view, if any</p>	<p>1. Students want to listen to teaching in E-class mode because they understand the significance and working principles of Satellite.</p> <p>2. The concerned faculty identified a few of them as not attending regularly.</p>	<p>1.Usage of Pen tablet and YOUTUBE videos for explaining each and every topic .</p> <p>2. The related text books and solved problems are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>1. Difficult to understand the components and working principles of Satellite.</p> <p>2. Difficult to Understand the Satellite link design</p>	<p>1. To create a real time Project position of artificial satellites for the students.</p> <p>2. Explaining more number of problems will be expertizing in Satellite link design.</p> <p>..</p>

		
Member	Coordinator	HOD

Professor & H.O.D.
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

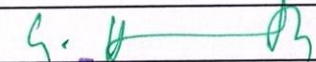
Department	Electronics & Communication engineering	Year/Semester	VIII Sem
Course Name	Satellite Communications	Course Code	1504802(C412)

Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt. K.Divya lakshmi	Coordinator	Asst.Professor	
2	Sri M.Ramamurthy naik	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To check the Uniform Coverage of syllabus according to the External Examinations.	1. Student wants to listen teaching in E-class mode and black boards teaching	1.Usage of E Content, Photographs and YOUTUBE videos for	1.Difficult to understand the components and working principles of	1. To overcome the above

<p>2.To overcome the shortcomings from students' point of view, in previous meeting like videos.</p>	<p>because they understand the topics elaborately.</p> <p>2. The concerned faculty identified few of them are not because of irregularity of attending classes.</p> <p>3. Students Requested for site visit and internship in point of project planning.</p> <p>4. Prescribed Text book for Acts is not available in the Central Library</p>	<p>explaining each and every topic by this student can able to understand clearly.</p> <p>2. The related lecture notes hand over before commencement of topics to be covered</p>	<p>Satellite Communications even with E-Content .</p> <p>2. Difficult to Understand the Satellite link design</p>	<p>weaknesses, visit a real time ongoing project to understand clearly.</p> <p>2. Explaining topics showing photographs and with all necessary components.</p> <p>3. Exercise few numerical problems in Satellite link design.</p>
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Member	Coordinator	HOD

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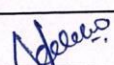
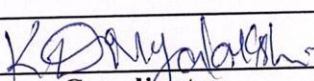
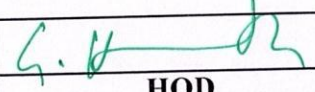
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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics & Communication engineering	Year/Semester	M. tech I Sem
Course Name	Low power VLSI	Course Code	1854104

Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt. K.Divya lakshmi	Coordinator	Asst.Professor	
2	Dr. S. Zahiruddin	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To check the Uniform Coverage of syllabus according to the External Examinations.</p> <p>2. To overcome the shortcomings from students' point of view, in previous meetings like videos.</p>	<p>1. Student wants to listen to teaching in E-class mode and black boards teaching because they understand the topics elaborately.</p> <p>2. The concerned faculty identified few of them are not because of irregularity of attending classes.</p> <p>3. Students Requested for site visit and internship in point of project planning.</p> <p>4. Prescribed Text book for Acts is not available in the Central Library</p>	<p>1. Usage of E Content, Photographs and YOUTUBE videos for explaining each and every topic by This student is able to understand clearly.</p> <p>2. The related lecture notes hand over before commencement of topics to be covered</p>	<p>1. Difficult to understand the components and working principles of MOS transistors, Mos device design equations.</p> <p>2. Difficult to Understand the Power and clock distribution terminology.</p>	<p>1. To overcome the above weaknesses, visit a real time ongoing project to understand clearly.</p> <p>2. Explaining topics showing photographs and with all necessary components.</p> <p>3. Exercise few numerical problems in Mos device design equations.</p>

		
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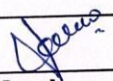
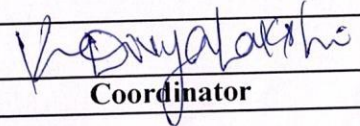
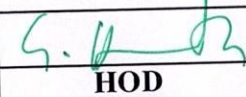
Department of Electronics & Communication Engineering
K.S.R.M COLLEGE OF ENGINEERING
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics & Communication engineering	Year/Semester	M. tech I Sem
Course Name	Low power VLSI	Course Code	1854104

Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt. K.Divya lakshmi	Coordinator	Asst.Professor	
2	Dr. S. Zahiruddin	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>2. To overcome the shortcomings from students' point of view, if any</p>	<p>1. Students want to listen to teaching in E-class mode because they understand the significance and working principles of Mos transistors.</p> <p>2. The concerned faculty identified a few of them as not attending regularly.</p>	<p>1. Usage of Pen tablet and YOUTUBE videos for explaining each and every topic .</p> <p>2. The related text books and solved problems are sent before commencement of topics to be covered.</p> <p>3. Course material/handouts are given before/after class.</p>	<p>1. Difficult to understand the components and working principles of MOs transistors, Mos device design equations.</p> <p>2. Difficult to Understand the Power and clock distribution terminology.</p>	<p>1. To create projects on VLSI design.</p> <p>2. Explaining more problems will be expertizing the Mos device design equation.</p>

		
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Department of Electronics & Communication Engineering
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics & Communication Engineering	Year/Semester	8 th Sem
Course Name	RADAR SYSTEMS	Course Code	1504803

Committee Members:

S. No	Name	Role	Designation	Signature
1	Shaik Jabeen	Coordinator	Asst. Professor	
2	K. Divya Lakshmi	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<ol style="list-style-type: none">To evaluate Significance of this subject as elective course.To check the Uniform Coverage of syllabus according to the Internal Examinations.To overcome the shortcomings from students' point of view, if any.	<ol style="list-style-type: none">Students want to listen the teaching in E-class mode for understanding the significance and working principles of radar systems elaborately.The concerned faculty identified few of them who are not attending regularly.	<ol style="list-style-type: none">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.	<ol style="list-style-type: none">Difficult to understand the working principles of navigation methods.	<ol style="list-style-type: none">To include case studies of air and ship navigation using hyperbolic navigation method & DME equipment.

 K. Divya Lakshmi Member	 Shaik Jabeen Coordinator	 Dr. G. Hemalatha Professor HOD
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Department of Electronics & Communication Engineering
K.S.R.M COLLEGE OF ENGINEERING (AUTONOMOUS)
SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics & Communication Engineering	Year/Semester	8 th Sem
Course Name	RADAR SYSTEMS	Course Code	1504803

Committee Members:

S. No	Name	Role	Designation	Signature
1	Shaik Jabeen	Coordinator	Asst. Professor	
2	K. Divya Lakshmi	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according to the External Examinations. 3. To overcome the shortcomings from students' point of view.	1. Student wants to listen the teaching in E-class mode and black boards teaching to understand the topics elaborately. 2. The concerned faculty identified few of them who are not attending classes regularly. 3. Prescribed Text book for navigation is by N.S. Nagaraja, "Elements of electronic navigation, 2 nd edition-TMH 1996. Only few books are available in the Central Library	1. Usage of E Content, images and YOUTUBE videos for explaining each and every topic; by this student can able to understand clearly. 2. The related lecture notes handover before commencement of topics to be covered.	1. Difficult to understand the working principles of navigation methods even with E-Content.	1. To overcome the above weaknesses, visit a real time ongoing project to understand clearly. 2. Explaining topics showing images and with all necessary components. 3. Exercise numerical problems.

 K. Divya Lakshmi Member	 Shaik Jabeen Coordinator	 Dr. G. Hemalatha Prof. HOD H.O.D.
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Department of Electronics and Communication Engineering

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics and Communication Engineering	Year/Semester	III – VI
Course Name	Basic Electronics and Sensor Technology	Course Code	1814613

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri P. Krishna Teja Yadav	Coordinator	Asst. Professor	
2	Sri P. Lokeshwara Reddy	Member	Asst. Professor	

	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<p>1. To know the basics of amplifier and the how the signal strength will increased based on the different types of amplifiers and also oscillators.</p> <p>2. To check the Uniform Coverage of syllabus according to the External Examinations.</p>	<p>1 Student wants to listen teaching in E-class mode and black boards teaching because understand the topics elaborately.</p> <p>2. The concerned faculty identified few of them are not because of irregularity of attending classes.</p>	<p>1. Usage of E Content, Photographs and YOUTUBE videos for Explaining each and every topic by the students can be able to understand easily and clearly.</p> <p>2. The related lecture notes handover before commencement of topics to be covered</p>	<p>1. Difficult to understand the Measurement of unknown Inductance and Frequency response of CE Amplifier with E-Content .</p> <p>2. Difficult to Understand the some of the components in real time</p>	<p>1. To know the bas of amplifier and th how the signal strength will increa based on the differ types of amplifiers and also Sensors.</p> <p>2. To check the Uniform Coverage syllabus according the External Examinations.</p>

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Electronics and Communication Engineering	Year/Semester	III – VI
Course Name	Basic Electronics and Sensor Technology Lab	Course Code	1814613

Committee Members::

S. No	Name	Role	Designation	Signature
1	Sri K. Anudeep	Coordinator	Asst. Professor	
2	Sri P. Krishna Teja Yadav	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the experiments. 2.To analyze the applications and purpose of various semiconductors, diodes, rectifiers and verify practically 3. To overcome the short comings of the students	1. Students want to know the experiments which are going to be dealt in the lab. 2. Some of the students were absent for the labs	1.The availability of different semi - conductors' diodes rectifiers and other electronic components 2. The easy way of explaining the experiments to the students on electronic devices and circuits using the hardware.	1.Lack of awareness in the fundamentals of electronic devices and circuits 2. Difficulty to understand the usage of the experiments in application point of view.	1.To conduct awareness for the students on the experiments. 2.To analyze the applications and purpose of various semiconductors, diodes, rectifiers and verify practically 3. To overcome the short comings of the students

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Department of Electronics and Communication Engineering
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	IVSem
Course Name	PROBABILITY THEORY AND STOCHASTIC PROCESSES	Course Code	1804402

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri P .SUBBARAYUDU	Coordinator	Asst. Professor	
2	Dr. S. ZAHIRUDDIN	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To understand significance of density and distribution functions	1. Students facing difficulty in understanding the various density and distribution functions	1. More examples are explained to understand the topics	1. Student must know the fundamentals in mathematics	1. To solve additional examples and revise the concepts
2. To check the Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few students are not attending regularly.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts	2. To utilize e-content for explaining more number of problems.

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Department of Electronics and Communication Engineering
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AUTONOMOUS
SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	IVSem
Course Name	PROBABILITY THEORY AND STOCHASTIC PROCESSES	Course Code	1804402

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri P .SUBBARAYUDU	Coordinator	Asst. Professor	
2	Dr. S. ZAHIRUDDIN	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To give an overview of different density functions with real time examples	1. Students facing difficulty in understanding various density functions and related problems	1. Students must have the basic knowledge in mathematical functions	1. Student are not aware of practical applications of density functions	1. To take extra classes to revise the concepts and solve problems
2.To apply the random processes for real time applications for determining power spectral density.	2. The faculty identified few students are lagging to understand the random processes.	2. The real time applications with solutions are explained to boost the confidence of the students.	2. Difficult in understanding the basic random concepts	2. Revision of concepts may improve the understanding ability.

Member	Member	Coordinator	HOD

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Department of Electronics and Communication Engineering
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FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ME	Year/Semester	II/IV
Course Name	Basics of Electronics Engineering LAB	Course Code	1803407

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	Sri P. Subbarayudu	Coordinator	Asst.Prof	
2.	M. Prabhakar	Member	Asst.Prof	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the experiments. 2.To analyze the applications and purpose of various semiconductor devices, diodes, rectifiers and verify practically 3. To overcome the short comings of the students	1. Students want to know the experiments which are going to be dealt in the lab. 2. Some of the students are absent for the labs	1.The availability of different semi-conductors' diodes rectifiers and other electronic components 2.The easy way of explaining the experiments to the students on electronic devices and circuits using the hardware.	1.Lack of awareness in the fundamentals of electronic devices and circuits 2. Difficulty to understand the usage of the experiments in application point of view.	1. To overcome this problem a demo will be conducted for all the experiments before the conduction of the lab. 2. Explaining the applications of each experiment and allow the students to mention in the records.

Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	III/VI
Course Name	Analog and Digital Communication Lab	Course Code	1804609

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	Dr. Syed Zahiruddin	Coordinator	Asso.Prof	
2.	M. Prabhakar	Member	Asst.Prof	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the experiments. 2.To analyze and practice various modulation and demodulation techniques and multiplexing and demultiplexing techniques. 3. To overcome the short comings of the students	1. Students want to know the experiments which are going to be dealt in the lab. 2. Some of the students are absent for the labs	1.The availability of different modulation and demodulation kits. 2.The easy way of explaining the experiments to the students both analog and digital using the hardware.	1.Lack of awareness in the fundamentals of communication systems. 2. Difficulty to understand the usage of the experiments in application point of view.	1. To overcome this problem a demo will be conducted for all the experiments before the conduction of the lab. 2. Explaining the applications of each experiment and allow the students to mention in the records.

Member	Coordinator	HOD

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FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2020-21

Department	ECE	Year/Semester	I M.Tech/I
Course Name	Digital Communication Techniques Lab	Course Code	1854107

Committee Members:

S.No	Name	Role	Disgnation	Signature
1.	Dr. Syed Zahiruddin	Coordinator	Asso.Prof	
2.	P. Lokeshwara Reddy	Member	Asst.Prof	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To conduct awareness for the students on the Programmes and their implementation. 2.To analyze and practice various communication techniques 3. To overcome the short comings of the students	1. Students are unable to write the MATLAB code for the experiments. 2. Some of the students are absent for the labs	1.TheMATLAB Software. 2.The easy way of explaining the programmes to the students through the software and their implementation.	1.Difficult to analyze the code and also to write the code. 2. Difficulty to understand the compilation.	The demonstration is provided and basics of MATLAB programming is explained.

Member	Coordinator	HOD

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 FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	6 th Sem
Course Name	MICROWAVE ENGINEERING	Course Code	1804603

Committee Members::

Sri G A Sanjiva Reddy	Md Mahaboob Pasha	Dr. G Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To assess the significance of this subject at this level	1. Students facing difficulty in understanding mathematical analysis	1. Usage of Pen tablet explaining Topics	1. Student must have basics in Electromagnetic Fields subject for understanding this subject	1. To take extra classes to revise the concepts
2. To check the Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few students are not attending regularly.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts	2. To utilize e-content for explaining more number of problems.
3. To identify and sort out any problems in understanding the subject	3. Students Requested for more practical applications	3. Subject having practical significance in modern applications		3. More quizzes and slip tests must be conducted

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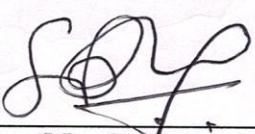
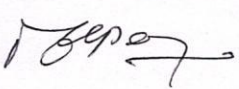

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SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	6 th Sem
Course Name	MICROWAVE ENGINEERING	Course Code	1804603

Committee Members::

Sri G A Sanjiva Reddy	Md Mahaboob Pasha	Dr. G Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To assess the improvements with respect to first CRC	1. Students facing difficulty in understanding mathematical analysis	1. Assignments are given to students for revising the topics	1. Syllabus is little bit vast at this level.	1. To take tutorial classes to revise the problems.
2. To check the Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few students are not attending regularly.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts	2. To provide e-content and references to video links for better understanding.
3. To identify and sort out any problems in understanding the subject	3. Students Requested for more practical applications. 4. Availability of text books in library	3 Subject having practical significance in modern applications. 4. Quizzes and slip tests were conducted.		3. To revise the syllabus based on other established universities

		
Member	Coordinator	HOD

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(AUTONOMOUS)

Department of Electronics and Communication Engineering

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	III/ VI
Course Name	Embedded Systems	Course Code	1804601

Committee Members:

S.No.	Name	Role	Designation	Signature
1	Sri M. Prabhakar	Coordinator	Asst. Professor	
2	Sri R.V. Sreehari	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To assess the significance of this subject at this level.	1. Students are facing difficulty in understanding Mathematical Analysis and Programming concepts.	1. Usage of Pen tablet for explaining Topics in Online mode.	1. Student must have good knowledge on pre-requisites for understanding this subject.	1. Take extra classes to revise the Pre-requisites concepts.
2. To maintain the uniform Coverage of syllabus according to the Internal/External Examinations schedule.	2. The concerned faculty identified few topics which takes much time to deliver.	2. Utilizing e-content for explaining the lengthier topics and using the Power point presentations.	2. Difficult in covering the syllabus uniformly.	2. Use Power point presentations for covering the syllabus uniformly. Give the related notes and videos lectures to the students for revising the topics.
3. To identify and sort out any problems in understanding the concepts.	3. Few Students requested for more practical applications.	3. The Subject is having practical significance in modern applications.	3. Few students are not familiar with modern applications.	3. Take extra hours to discuss the practical applications.

Member

Coordinator

HOD
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K.S.R.M COLLEGE OF ENGINEERING, KADAPA.
(AUTONOMOUS)

Department of Electronics and Communication Engineering

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	III/ VI
Course Name	Embedded Systems	Course Code	1804601

Committee Members:

S.No.	Name	Role	Designation	Signature
1	Sri M. Prabhakar	Coordinator	Asst. Professor	
2	Sri R.V. Sreehari	Member	Assoc. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To incorporate the suggestions made by the CRC with respect to first CRC.	1. Students are facing difficulty in understanding Mathematical Analysis and Programming concepts.	1. Video lectures are provided to students for revising the pre-requisite topics.	1. Syllabus is little bit vast at this level.	1. To take tutorial classes to revise the problems.
2. To improve the understandability of the slow learning student.	2. The concerned faculty identified list slow learning students and the students who are not attending the classes regularly.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts.	2. To take the remedial classes to the slow learners and irregular students.
3. To assess the understandability of the student.	3. Faculty identified few students were not active in the classroom.	3. Faculty is keenly observing the students in the classroom.	3. Few students were not active in the classroom.	3. Conduct Quizzes and slip tests to assess the students.
4. To identify and discuss content beyond the syllabus.	4. Students Requested for more practical applications.	4. Subject having practical significance in modern applications.	4. Students are not familiar with modern applications.	4. To take extra hours to discuss the practical applications.

Member

Coordinator

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AUTONOMOUS
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	VIII Sem
Course Name	BIOMEDICAL INSTRUMENTATION	Course Code	1504806

Sri K. Anudeep	Sri A. Valli Bhasha	Dr. G. Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To understand the functioning of Human Cell and its electrical characteristics	1. Students facing difficulty in understanding biology topics	1. Usage of pictures explaining Topics	1. Student must have basics in Electronic Devices and Linear integrated circuit analysis subject for understanding this subject	1. To take extra classes to revise the concepts
2. To check the Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few students are not attending regularly.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts	2. To utilize e-content for explaining more number of problems.

<i>K. Anudeep</i>	<i>A.V. Bhasha</i>	<i>G. Hemalatha</i>
Member	Coordinator	HOD

Professor & H.O.D.
Department of E.C.E.
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Department of Electronics and Communication Engineering
K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS
SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	VIII Sem
Course Name	BIOMEDICAL INSTRUMENTATION	Course Code	1504806

Sri K. Anudeep	Sri A. Valli Bhasha	Dr. G. Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To understand the functioning of cardiac instrumentation	1. Students facing difficulty in understanding biology topics	1. Usage of pictures explaining Topics	1. Student have basics in Electronic Devices and Linear integrated circuit analysis subject for understanding this subject	1. To take extra classes to revise the concepts
2. To check the Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few students are not attending regularly.	2. The related notes and study material is distributed to students for revising.	2. Difficult in understanding the concepts	2. To utilize e-content for explanation

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	ECE	Year/Semester	M. Tech I Sem
Course Name	Research Methodology & IPR	Course Code	1800109

Dr. D. Arun Kumar	Sri A. Valli Bhasha	Dr. G. Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To give an overview of the research methodology and explain the technique of defining a research problem 2. The main objective of intellectual property law is to encourage innovation and to provide incentives.	1. Students facing difficulty in understanding various research designs and their characteristics 2. The concerned faculty identified few students are not attending regularly.	1. Students know literature search, its review, developing theoretical and conceptual frameworks and writing a review. 2. The related notes and study material is distributed to students for revising.	1. Student must have basic concepts for understanding this subject 2. Difficult in understanding the concepts	1. To take extra classes to revise the concepts 2. To utilize e-content for explaining more number of problems.

<i>Dr. D. Arun Kumar</i>	<i>A. V. Bhasha</i>	<i>G. H. Hemalatha</i>
Member	Coordinator	HOD

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

Department	ECE	Year/Semester	M. Tech I Sem
Course Name	Research Methodology & IPR	Course Code	1800109

Dr. D. Arun Kumar	Sri A. Valli Bhasha	Dr. G. Hemalatha
Member	Coordinator	HOD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To give an overview of the research methodology and explain the technique of defining a research problem	1. Students facing difficulty in understanding various research designs and their characteristics	1. Students know literature search, its review, developing theoretical and conceptual frameworks and writing a review.	1. Student must have basic concepts for understanding this subject	1. To take extra classes to revise the concepts
2. The main objective of intellectual property law is to encourage innovation and to provide incentives.	2. The concerned faculty identified few students are not attending regularly.	2. Students know patents, Trademark, Geographical Indications, Industrial designs etc.,	2. Difficult in understanding the concepts	2. To utilize e-content for explaining the difficult topics.

<i>Dr. D. Arun Kumar</i>	<i>A. V. Bhasha</i>	<i>G. Hemalatha</i>
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