



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

**Department of Electronics and Communication Engineering**  
**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

Department	ECE	Year/Semester	IV
Course Name	Microprocessors & Microcontrollers	Course Code	2004403

**Committee Members:**

**Date: 03/06/22**

S.No.	Name	Role	Designation	Signature
1	P.KrishnaTeja Yadav	Coordinator	Assoc. Professor	
2	R.Aruna	Member 1	Assoc. Professor	
3	A.Valli Bhasha	Member 2	Asst. Professor	A. V. Bhasha

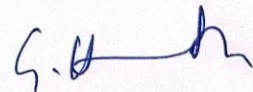
Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To assess the significance of this subject at this level.	1. Students are facing difficulty in understanding Programming concepts.	1. Usage of Pen tablet forexplaining Topics in Online mode.	1. 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 & Power point presentations for explaining the lengthier topics.	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 1

A. V. Bhaiah  
Member 2

  
Coordinator

  
HOD  
Professor & H.O.D.  
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**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

<b>Department</b>	ECE	<b>Year/Semester</b>	IV
<b>Course Name</b>	Microprocessors & Microcontrollers Lab	<b>Course Code</b>	2004407

**Committee Members:**


**Date: 03/06/2022**

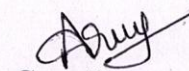
<b>S.No.</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	R.Aruna	Coordinator	Assoc. Professor	
2	A.Valli Bhasha	Member 1	Assoc. Professor	A.V. Bhasha
3	Sri P. Krishna Teja Yadaç	Member 2	Asst. Professor	

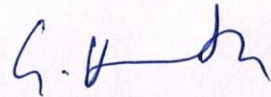
<b>Purpose / Objective</b>	<b>Problems Identified</b>	<b>Result Analysis</b>		<b>Suggestions for Improvement</b>
		<b>Strength</b>	<b>Weakness</b>	
1. To assess the significance of this Lab at this level.	1. Students are facing difficulty in understanding Programming concepts.	1. Usage of <b>Pen tablet</b> forexpaining Topics in Online mode.	1. Student must have good knowledge on pre-requisites for understanding this Lab.	1. Take extra classes to revise the Pre-requisites concepts.
2. To impart the programming skills.	2. The concerned faculty identified that students are unable to understand the programs by simply	2. Providing individual kits to the students.	2. Difficult in understanding the programs.	2. Use white board and marker pen to explain the programs.

	copying the programs from the Lab manual.			
3. To identify and sort out any problems in executing the program.	3. Few Students were unable to execute the code.	3. Providing individual kits to the students.	3. Few students are not familiar with execution procedure.	3. Take extra hours to practice.

A.V. Bhaas  
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Member 2

  
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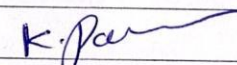
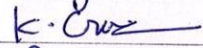
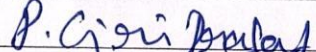


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**FIRST COURSE REVIEW COMMITTEE REPORT (CRC-1) 2021-22**

<b>Department</b>	ECE	<b>Year/Semester</b>	II/IV
<b>Course Name</b>	EM Waves and Transmission Lines	<b>Course Code</b>	2004404

**Committee Members:**

S.No	Name	Role	Disgnation	Signature
1.	K.Pavan Kumar	Coordinator	Asst.Prof	
2.	K.Guru Prasad	Member	Asst.Prof	
3.	Dr.P.giri Prasad	Member	Asst.Prof	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	

<p>1. To Understand the electrostatics and magneto statics.</p> <p>2. To apply Maxwell's equations in derivation of fields</p>	<p>1. Students may feel difficulty in derivation part.</p> <p>2. Difficulty in analyzing the Maxwell's equations and applying them in applications.</p>	<p>1. Fundamentals on vector algebra, vector calculus, transformation systems.</p> <p>2. More attention is given on weak students.</p>	<p>1. Difficult to understand derivations.</p> <p>2. Difficult to solve problems</p>	<p>1. Introduction classes are required on fundamentals.</p> <p>2. More number of problems are need to be solved</p>
<p><i>K. C. S.</i> Member</p>	<p><i>P. Vijayprasad</i> Member</p>	<p><i>K. J. A.</i> Coordinator</p>	<p><i>G. H. S.</i> HOD</p>	

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	ECE	Year/Semester	IVSem
Course Name	PROBABILITY THEORY AND STOCHASTIC PROCESSES	Course Code	2021401

Committee Members::

S.No	Name	Role	Designation	Signature
1	Sri P .SUBBARAYUDU	Coordinator	Asst. Professor	
2	Dr. M. MADHUSUDHAN REDDY	Member	Asst. Professor	
3	Smt. R. ARUNA	Member	Asst. 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.

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

Department	ECE	Year/Semester	II/IV
Course Name	PCB Design	Course Code	20SC409

Committee Members:

S.No	Name	Role	Designation	Signature
1.	Dr. P.Lokeshwara Reddy	Coordinator	Assistant Professor	
2.	Smt. Uma Maheswari	Member 1	Assistant Professor	
3.	Sri S.Sudheer Kumar	Member 2	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To impart the designing skills. 2. To assess the significance of Lab. 3. To understand basics of PCB. 4. Apply various softwares (Live wire, PCB Wizard) to design PCB	1. Students are facing difficulty in understanding design concepts. 2. Some of the students are irregular to the lab. 3. Few Students were unable to design the circuits.	1. Explaining the circuit operation using white board and marker. 2. Utilizing e-content & Power point presentations for explaining the circuits.	1. Student does not have good knowledge on pre requisites for understanding this Lab. 2. Difficult in covering the syllabus uniformly.	1. Take extra classes to revise the Pre-requisites concepts. 2. Take extra hours to practice. 3. Use white board and marker pen to explain the circuits.

Member 1

Member 2

Coordinator

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**FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2021-22**

Department	ECE	Year/Semester	VI Sem
Course Name	Digital Signal Processing Lab	Course Code	1804610

**Committee Members:**

S.No	Name	Role	Designation	Signature
1.	Smt.K.Divyalakshmi	Coordinator	Asst.Prof	
2.	Sri.R.V.Sreehari	Member	Assoc.Prof	
3.	Sri.MD.Mahaboob pasha	Member	Asst.Prof	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To check the Uniform Coverage of syllabus according to the Internal Examinations. 2. To overcome the shortcomings From students' point of view, if any	1. Students want to listen to teaching in E-class mode because they understand the significance and Working of TMS processors. 2. The concerned faculty identified a few of them as not attending regularly.	1. Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every experiment . 2. The related text books and solved problems are sent before commencement of experiments to be covered.	1. Difficult to understand the components and working principles of TMS processors.	1. To create a real time Project by using TMS processor kits, 2. Explaining more experiments.

Member	Member	Coordinator	HOD Professor & H.O.D.

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**FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2021-22**

Department	ECE	Year/Semester	III B.Tech/VI
Course Name	Fiber-Optic Communication	Course Code	1804604

**Committee Members:**

S.No	Name	Role	Disgnation	Signature
1.	Smt. S. SharmilaBanu	Coordinator	Asst. Professor	
2.	Miss Shaik Jabeen	Member	Asst. Professor	
3.	Kavitha	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To realize the significance of optical fiber communications. 2. To understand the construction and characteristics and WDM operation . 3. To develop the knowledge of optical signal sources and power launching.	1. Students are new to the concepts of communications based on optics. 2. Some of the students are weak in ray theory.	<b>1.The students learnt the basics of communication transistor at the basic level.</b> <b>2.The easy way of explaining the concepts of communications using light ray.</b>	1.Difficult to analyze the propagation of light in the optics-from the students point of view..  Difficulty to understand the performace of the diffent types of the cables.	The practical sessions are conducted and explained the basics of the light travelling through the optics.

Miss Shaik Jabeen  Member	Smt. S. SharmilaBanu  Coordinator	 Dr.G.Hemalatha HOD Professor & H.O.D.
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**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

Department	ECE	Year/Semester	III/VI
Course Name	MICROWAVE ENGINEERING	Course Code	1804603

**Committee Members:**

S.No	Name	Role	Designation	Signature
1.	Sri MdMahaboob Pasha	Coordinator	Asst. Prof	
2.	Smt. Uma Maheswari	Member	Asst. Prof	
3.	Ms Himaja Reddy	Member	Asst. Prof	

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

Member	Member	Coordinator	HOD

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**FIRST COURSE REVIEW COMMITTEE REPORT(CRC) 2021-22**

<b>Department</b>	ECE	<b>Year/Semester</b>	III/VI
<b>Course Name</b>	<b>Microwave and optical Communication Lab</b>	<b>Course Code</b>	1824608

**Committee Members:**

S.No	Name	Role	Designation	Signature
1.	MdMahaboob Pasha	Coordinator	Asst. Prof	
2.	K Pavan Kumar	Member	Asst. Prof	
3.	K Guru Prasad	Member	Asst. Prof	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To create awareness for the students on the Microwave experiments.  2. To analyze and assess the students understanding of microwave concepts  3. To overcome the short comings of the students	1. Students want to complete lab manual for their experiments  2. Some of the students are absent for the labs	1. The availability of sufficient number of microwave benches and optical kits.  2. To conduct viva voce before starting of each laboratory experiments.	1 .Lack of awareness in the fundamentals of EM theory.  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 to provide lab manual.

Member	Member	Coordinator	HOD

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**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. Srihari	Member	Assoc. Professor	
3	K. Lakshmi Prasanna	Member	Asst. 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 <b>Pen tablet</b> 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

Member

Coordinator

Prof. HOD & H.O.D.  
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**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22**

<b>Department</b>	ECE	<b>Year/Semester</b>	IV/VIII
<b>Course Name</b>	Wireless Communications	<b>Course Code</b>	1804801

**Committee Members:**

**Date:14/05/2022**

<b>S.No.</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	<b>Dr. S.L.Prathapa reddy</b>	Coordinator	Assoc. Professor	<i>S.L. Prathapa reddy</i>
2	Smt. K. Divya Lakshmi	Member 1	Asst. Professor	<i>K. Divya Lakshmi</i>
3	Miss T. Parimala	Member 2	Asst. Professor	<i>Parimala</i>

<b>Purpose / Objective</b>	<b>Problems Identified</b>	<b>Result Analysis</b>		<b>Suggestions for Improvement</b>
		<b>Strength</b>	<b>Weakness</b>	
1. To assess the significance of this subject at this level.	1. Students are facing difficulty in understanding different wireless standards.	1. Usage of <b>Projector</b> forexpaining Topics in detail.	1. Student must have good knowledge on pre-requisites for understanding this subject.	1. Take extra classes to revise the Pre-requisite 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 & Power point presentations for explaining the lengthier topics.	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.

*K. D. Prabhakar*  
Member 1

*paenula*  
Member 2

*S. S. Reddy*  
Coordinator

*G. H. Reddy*  
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