



Department of Computer Science & Engineering  
K.S.R.M COLLEGE OF ENGINEERING  
AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

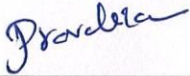



Department	Computer Science & Engineering	Year/Semester	B.Tech II sem
Course Name	Python Programming	Course Code	2005204

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. N. Ramanjaneya Reddy	Coordinator	Associate. Professor	N. R. Reddy
2	Y. Bhaskar Reddy	Member	Asst. Professoor	Y. Bhaskar Reddy
3	R. L. Pravallika	Member	Asst. Professor	R. L. Pravallika

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To Understand the programming skills through python language  2. To apply object-oriented features to solve the real-world problems using python programming language  3.To overcome the shortcomings from student's	1.Students are new to the code indentation to write and execute the python code	1. Python code is simple and easy to learn to solve the real-world problems. 2. Every python program is executed through different IDE's so that they can learn different environments 3. Conducted Quizzes in google platform at regular interval to assess the students understanding of	1. Students face problem while developing Object oriented features like data abstraction and Inheritance.	1. Students need to solve more number of problems related to real world situations.



point of view, if any.		the subject. 4. Course material/handouts are given before/after class.		
				
Member	Member	Coordinator	HOD	

Dr. M. Sreenivasulu,  
M E, Ph D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003



Department of Computer Science & Engineering

Kadapa, Andhar Pradesh - 516003

[www.ksrmce.ac.in](http://www.ksrmce.ac.in)





Department of Computer Science & Engineering  
K.S.R.M COLLEGE OF ENGINEERING  
AUTONOMOUS

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

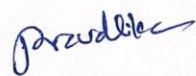



Department	Computer Science & Engineering	Year/Semester	B.Tech II sem
Course Name	Python Programming	Course Code	2005204

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. N. Ramanjaneya Reddy	Coordinator	Associate. Professor	
2	Y. Bhaskar Reddy	Member	Asst.Profeesor	
3	R. L. Pravallika	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To Understand the programming skills through python language  2. To apply object-oriented features to solve the real-world problems using python programming language  3.To overcome the shortcomings from student's	1.Students are new to the code indentation to write and execute the python code	1. Python code is simple and easy to learn to solve the real-world problems. 2. Every python program is executed through different IDE's so that they can learn different environments 3. Conducted Quizzes in google platform at regular interval to assess the students understanding of	1. Students face problem while developing game related programs through python.	1. Students need to solve more number of problems related to real world situations.



point of view, if any.		the subject. 4. Course material/handouts are given before/after class.		
				
Member	Member	Coordinator	HOD	

Dr. M. Sreenivasulu,  
M E., Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003



Department of Computer Science & Engineering

Kadapa, Andhar Pradesh-516003  
[www.ksrmce.ac.in](http://www.ksrmce.ac.in)





## Department of Computer Science & Engineering

### K.S.R.M COLLEGE OF ENGINEERING

#### AUTONOMOUS

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



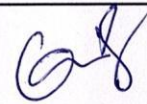
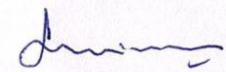
Department	Computer Science & Engineering	Year/Semester	B.Tech IVsem
Course Name	Design & Analysis of Algorithms	Course Code	1805405

#### Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt B.Gouri	Coordinator	Asst .Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Miss Z .Shobha Rani	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of this subject and help to solve more real world problems.  2.To check the Uniform Coverage of syllabus according to the Internall Examinations.  3.To overcome the shortcomings from student's	1.Students feel difficulty to understand in the online mode to solve the problems.  2. The concerned faculty identified few of them are not attending regularly.	1.The basics helps to analyse the algorithms. 2. Usage of <b>Pen Tab</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 3. The related text books and solved problems are sent before commencement of topics to be covered.	1.Difficult to solve time complexity and space complexity of algorithms.	1.Explore more examples on Time complexity and Space Complexity. 2. Some recorded videos has to be posted in class room.



point of view, if any.			
			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





Department of Computer Science & Engineering

K.S.R.M COLLEGE OF ENGINEERING

AUTONOMOUS

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21





Department	Computer Science & Engineering	Year/Semester	B. Tech IV Sem
Course Name	Design & Analysis of Algorithms	Course Code	1805405

Committee Members::

S.No	Name	Role	Designation	Signature
1	Smt B.Gouri	Coordinator	Asst.Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Miss Z .Shobha Rani	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. 2. To overcome the shortcomings from students' point of view.	1 Student wants to listen teaching in E-class mode and black boards teaching for better understanding of graph drawing problems and p and np hard problems. 2. The concerned faculty	1.Usage of <b>Microsoft White Board</b> and <b>YOUTUBE</b> videos for explaining each and every topic by the student can able to understand clearly. 2. The related lecture	1.Difficult to understand graph drawings and p,np related problems using E-Content explanation.	1.The practicing sessions will be conducted to avoid the difficult and class teaching enables to



	identified few of them are not because of irregularity of attending classes.	notes handover before commencement of topics to be covered.		graph explorations properly
				
Member	Member	Coordinator	HOD	

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
K. S. R. M. College of Engineering  
KADAPA - 516 003





## Department of Computer Science & Engineering

### K.S.R.M COLLEGE OF ENGINEERING

#### AUTONOMOUS

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




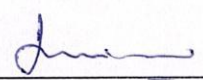
Department	Computer Science & Engineering	Year/Semester	B.Tech IV sem
Course Name	Formal Languages and Automata Theory	Course Code	1505404

#### Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.M.V.Rathnamma	Coordinator	Assoc.Professor	
2	O.V.Sowmya	Member	Asst.Professor	
3	Z.Shobha Rani	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of this subject and its use in field of compiler construction..  2.To check the Uniform Coverage of syllabus according to the Internal Examinations.  3.To overcome the shortcomings from student's	1.Students are new to the course and difficult to the finding the Languages and its types .  2. The concerned faculty identified few of them are not attending regularly.	1.The basics of Flat subject. 2. Usage of <b>Pen Tab</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 3. The related text books and solved problems are sent before commencement of topics to be covered.	1.Difficult to solve the problems to identify the types of languages from students' point of view.	1.Needs So many Examples to explain each Topic so that students can practice a lot to improve.  2. Some recorded videos has to be posted in class



point of view, if any.		4. Course material/handouts are given before/after class.		room.
				
Member	Member	Coordinator	HOD	

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
K. S. R. M. College of Engineering  
KADAPA - 516 003





Department of Computer Science & Engineering  
**K.S.R.M COLLEGE OF ENGINEERING**  
AUTONOMOUS  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**




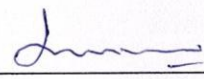
Department	Computer Science & Engineering	Year/Semester	B. Tech IV Sem
Course Name	Formal Languages and Automata Theory	Course Code	1505404

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Dr.M.V.Rathnamma	Coordinator	Assoc. Professor	
2	O.V.Sowmya	Member	Asst.Professor	
3	Z.Shobha Rani	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. 2. To overcome the shortcomings from students' point of view.	1. Student wants to listen teaching in E-class mode and black boards teaching because understanding of Problems and concepts elaborately. 2. The concerned faculty	1.Usage of <b>Microsoft White Board</b> and <b>YOUTUBE</b> videos for explaining each and every topic by the student can able to understand clearly. 2. The related lecture notes	1.Difficult to understand the Concepts of PDA and Two Stack PDA with their Example Problems even with E-Content.	1.The practicing sessions will be conducted to avoid the difficult.



	identified few of them are not because of irregularity of attending classes.	handover before commencement of topics to be covered.		
				
Member	Member	Coordinator	HOD	

Dr. M. Sreenivasulu,  
M. E., Ph. D.  
Professor & HOD CSE  
K. S R M. College of Engineering  
KADAPA - 516 003





**Department of Computer Science & Engineering**  
**K.S.R.M COLLEGE OF ENGINEERING**  
**AUTONOMOUS**  
**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

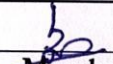
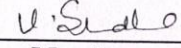
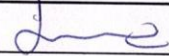
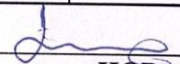
<b>Department</b>	<b>Computer Science &amp; Engineering</b>	<b>Year/Semester</b>	<b>B.Tech IV sem</b>
<b>Course Name</b>	<b>Operating Systems</b>	<b>Course Code</b>	<b>1805404</b>

**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	Dr.M. Sreenivasulu	Coordinator	Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Smt. V. Sudha	Member	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 evaluate Significance of this subject as PCC.  2.To check the Uniform Coverage of syllabus according to the Internal Examinations.  3.To overcome the shortcomings	1.Students wants to listen teaching in E-class mode because easy to understand the working principles of Operating Systems.  2. The concerned faculty identified few of them are not attending regularly.	1.Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and every topic.  2. The related text books and solved problems are sent before commencement of topics to be covered.	1. Difficult to understand how the processes are synchronized during their execution for utilizing common resources. 2. Difficult to Understand the difference between logical memory and	1. Explaining various problems will be able to understand synchronization between the processes.



from students' point of view, if any.		3. Course material/handouts are given before/after class.	physical memory in reality.	
 Member	 Member	 Coordinator	 HOD	

Dr. M. Sreenivasulu,  
M. E., Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003



Department of Computer Science & Engineering  
K.S.R.M COLLEGE OF ENGINEERING

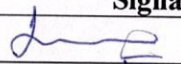
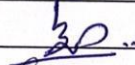
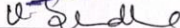
Kadapa, Andhar Pradesh - 516003  
[www.ksrmce.ac.in](http://www.ksrmce.ac.in)



**AUTONOMOUS**  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

<b>Department</b>	<b>Computer Science &amp; Engineering</b>	<b>Year/Semester</b>	<b>B. Tech IV Sem</b>
<b>Course Name</b>	<b>Operating Systems</b>	<b>Course Code</b>	<b>1805404</b>


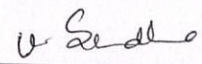
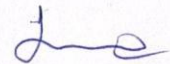

**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	Dr.M. Sreenivasulu	Coordinator	Professor	
2	Smt. B. Manorama Devi	Member	Asst.Profeesor	
3	Smt. V. Sudha	Member	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. 2. 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 teaching in E-class mode and black boards teaching because understand the topics elaborately. 2. The concerned faculty identified few of them are not because of irregularity of attending classes. 3. Students Requested for site visit and internship in point of project planning. 4. Prescribed Text book for Acts is not available in	1.Usage of <b>E Content, Photographs</b> and <b>YOUTUBE</b> videos for explaining each and every topic by this student can able to understand clearly.  2. The related lecture notes hand over before commencement of topics to be covered	1.Difficult to understand the components and working principles of Construction Equipment even with E-Content .  2. Difficult to Understand the Quality checks in real time construction	1. To overcome the above weaknesses, visit a real time ongoing project to understand clearly. 2. Explaining topics showing photographs and with all necessary



--	--	--	--	--

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M. E., Ph. D,  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





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

Department of Computer Science and Engineering  
**FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Computer Science & Engineering	Year/Semester	4 <sup>th</sup> Sem
Course Name	Computer Organization	Course Code	1805403

**Committee Members:**

S.No	Name	Role	Designation	Signature
1	Dr. V. Lokeswara Reddy	Coordinator	Professor	
2	Dr. K. Srinivasa Rao	Member	Asso.Professor	
3	Smt. B. Swetha	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 Internal Examinations.  2. To overcome the shortcomings from students point of view, if any.	1. Students wants to listen teaching in E-class mode because understand the significance and fundamentals of Computer Organization.  2. The concerned faculty identified few of the students are not attending classes regularly.	1. The related web links are provided for better clarification.  2. Course materials are given before/after class.	1. Inability of the students to come forward on their own or communicate voluntarily.  2. Some of the topics are difficult to understand because of the complexity.	1. Students are instructed to attend the classes regularly.  2. Suggested to use internet resources related to the topic.

Member	Member	Coordinator	HOD





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

Department of Computer Science and Engineering  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

<b>Department</b>	<b>Computer Science &amp; Engineering</b>	<b>Year/Semester</b>	<b>4<sup>th</sup>Sem</b>
<b>Course Name</b>	<b>Computer Organization</b>	<b>Course Code</b>	<b>1805403</b>

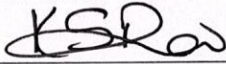
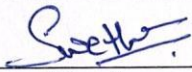
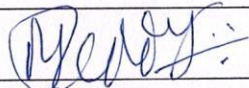
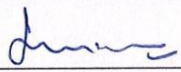
**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	Dr. V. Lokeswara Reddy	Coordinator	Professor	
2	Dr. K. Srinivasa Rao	Member	Asso.Professor	
3	Smt. B. Swetha	Member	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 check the Uniform Coverage of syllabus according to the Internal Examinations.  2.To overcome shortcomings from the students point of view, if any.	1. Students wants to listen teaching in E-class mode because understand the significance and fundamentals of Computer organization.  2. The concerned faculty identified few of them are	1. Usage of <b>E Content</b> and <b>PPT</b> for explaining each and every topic, the student can able to understand clearly.  2. ICT tool like jam board used for clarifying complex topics in online classes.	1. No more weakness identified.	1 Students are instructed to attend the classes regularly.  2. Suggested to use internet



	not attending classes regularly.			resources related to the topic
	3. Students are requested to play YOUTUBE videos to understand the concepts clearly.			

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
KSRM College of Engineering  
KADAPA - 516 003





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

Department	Computer Science & Engineering	Year/Semester	IV Sem
Course Name	Java Programming	Course Code	1805406

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.V.Lokeswar Reddy	Coordinator	Professor	
2	Dr.K.Srinivas Rao	Member	Professor	
3	B.Swetha	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject. 2.To Know the Problems students face with programming.	1.Students want to have some virtual labs. 2. The concerned faculty identified few of them are not attending regularly.	Course material/handouts are given before and after class.	As the classes were conducted through online mode due to pandemic few students not focused properly towards class.	Some recorded videos has to be posted in Class room.
 Member	 Member	 Coordinator	 HOD	



Dr. M. Sreenivulu,

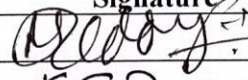
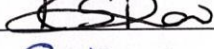
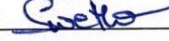
Professor &  
K.S.R.M. College of Engineering  
KADAPA, ANDHRA PRADESH



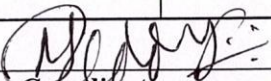
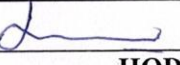


Department of Computer Science & Engineering  
K.S.R.M COLLEGE OF ENGINEERING AUTONOMOUS  
SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Computer science & engineering	Year/Semester	IV Sem
Course Name	Java Programming.	Course Code	1805406

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr.V.Lokeswar Reddy	Coordinator	Professor	
2	Dr.K.Srinivas Rao	Member	Professor	
3	B.Swetha	Member	Assistant 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. 2. To overcome the shortcoming from students' point of view, if any 3. To know about virtual lab status.	The concerned faculty identified few of them are not because of irregularity of attending classes.	The related lecture notes handover before commencement of topics to be covered	As the classes were conducted through online mode due to pandemic few students not focused properly towards class.	we need to improve PPTs and programming examples.
 Member	 Member	 Coordinator	 HOD	

Dr. M. Sreenivasulu,  
M E, h. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





Department of Computer Science &  
Engineering  
**K.S.R.M COLLEGE OF ENGINEERING**  
AUTONOMOUS  
**FIRST COURSE REVIEW COMMITTEE REPORT**  
**(CRC) 2020-21**

Department	Computer Science & Engineering	Year/Semester	V Sem
Course Name	DATABASE MANAGEMENT SYSTEMS(OE)	Course Code	180E502


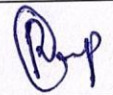


**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Y.PRASADA REDDY	Coordinator	Assistant Professor	
2	G.NAGENDRA BABU	Member	Assistant Professor	
3	R.L.PRAVALLIKA	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To evaluate Significance of this subject .	1. As the explanation of basic concepts is difficult ,since the students are from other disciplines.	1.Usage of PPTsfor explaining every topic with examples makes it easy for the students to understand.	1.Difficult to understand the working of sql commands practically in online.	1. To create real time database Projects.



2.To check the Uniform Coverage of syllabus according to the Internal Examinations.	2. The concerned faculty identified few of them are not attending regularly.	2. The related e-material and solved queries are sent after the completion of the topic.	2. Difficult to Desing Database with the knowledge from the topics available in the syllabus.	2. Explaining more number of Database models will be helpful in the design of Database projects
3.To overcome the shortcomings from students' point of view, if any	3.Students Requested for attending DB workshops for Project Planning.	3. Course material/handouts are given before/after class.		

			
Member	Member	Coordinator	Dr. M. Sreenivasulu, HOD

Dr. M. Sreenivasulu, M.E., Ph.D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003

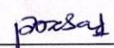
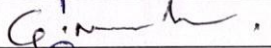
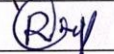




**Department of Computer Science & Engineering**  
**K.S.R.M COLLEGE OF ENGINEERING**  
**AUTONOMOUS**  
**SECONDCOURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

<b>Department</b>	<b>Computer Science &amp; Engineering</b>	<b>Year/Semester</b>	<b>VISem</b>
<b>Course Name</b>	<b>DATABASE MANAGEMENT SYSTEMS</b>	<b>Course Code</b>	<b>180E502</b>



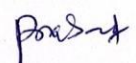

**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	Y.PRASADA REDDY	Coordinator	Assistant Professor	
2	G.NAGENDRA BABU	Member	Assistant Professor	
3	R.L.PRAVALLIKA	Member	Assistant 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 understand the relational database design principles. .  2. To apply various normalization design	1. As the explanation of basic concepts takes more time, completion of syllabus takes more time. 2. Students may feel difficult to understand the	1.Usage of PPTsfor explaining every topic with examples makes it fast to complete the topics. 2. The related e-material and solved queries are sent	1.Difficult to understand the working of normalization practically in online.	1. To createreal time database Projects. 2. Explaining more number of examples for



principles.  3. To apply concurrency control and recovery techniques during transaction execution.  4.To check the Uniform Coverage of syllabus according to the Internal Examinations.	normalization.  3.Students Requested for attending DB workshops for Project Planning.	after the completion of the topic. 3. Course material/handouts are given before/after class.		tractions.
---	---	---	--	------------

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M. E , Ph. D.  
Professor & HOD CSE  
K. S R M. College of Engineering  
KADAPA - 516 003-





Department of Computer Science & Engineering  
K.S.R.M COLLEGE OF ENGINEERING  
AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Computer Science & Engineering	Year/Semester	VI Semester
Course Name	Data Mining	Course Code	1505602



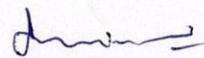

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. M. Sreenivasulu	Coordinator	Professor	
2	Dr. K. Srinivasa Rao	Member	Associate Professor	
3	Sri. Y. Prasad Reddy	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject.  2. To check the Uniform Coverage of syllabus according to the Internal Examinations.  3. To overcome the shortcomings if any,	1. The first four weeks of the classes were conducted in offline mode. Due to increase the COVID-19, the classes were conducted in online mode (google meet platform). Even though, the students were familiar with online classes	1. The topics were covered using PPT and drawing tablet in online mode. The PPTs were prepared in such a way that, it is easy to explain the topics clearly and students can understand the topics easily.	1. The problems such as finding frequent itemset using Apriori algorithm are easy explain and illustrate with examples in Apriori algorithm in offline classes. But it is difficult to observe the students understanding in	1. More example problems should be given on finding frequent item sets as assignment problems to the students.



from students' point of view.	<p>environment, it was quite difficult to monitor each and every student in online classes.</p> <p>2. The faculty member is taking the classes in online mode using PPTs and drawing tablet, it was difficult to monitor each and every student in online mode, whether students were understanding the steps in problem solving clearly or not.</p>	<p>2. Conducted quizzes in google classroom at regular intervals to assess the students understanding of the subject.</p> <p>3. Given assignments to the students unit wise. The students were asked to submit the answers for the assignment questions. This will help the students to prepare for mid as well as end examination.</p> <p>3. After completion of every unit, the material relating to the topics was posted in google classroom.</p>	<p>finding the frequent item sets related problems in online mode.</p>	
-------------------------------	--	---	--	--

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M. E., Ph. D.  
Professor & HOD CSE  
K. S R M. College of Engineering  
KADAPA - 516 003





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

Department	Computer Science & Engineering	Year/Semester	VI Semester
Course Name	Data Mining	Course Code	1505602

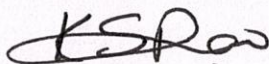


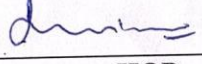
**Committee Members::**

S.No	Name	Role	Designation	Signature
1	Dr. M. Sreenivasulu	Coordinator	Professor	
2	Dr. K. Srinivasa Rao	Member	Associate Professor	
3	Sri. Y. Prasad Reddy	Member	Assistant 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. 2. To overcome the shortcomings or difficulties facing if any by the students	1.The classes were conducting in online mode (google meet platform) due to covid-19. The students were familiar with online environment. But monitoring the students in online classes and whether they are following the	1.The topics were covered using PPT and drawing tablet in online mode(in google meet). The PPTs were prepared in such a way that, it is easy to explain the topics clearly and students can understand the topics	1. The topics like K-means clustering, K-Medoid clustering, Naïve Baye's classification, Decision tree induction are easy to explain in offline mode. classes. But it is difficult to observe the students understanding of these	1. More example problems should be given on these topics (i.e. K-means, K-medoid clustering,



	<p>topics K-means, K-Medoid, Hierarchical clustering, Naïve Baye's classification, Decision Tree Induction related concepts.</p>	<p>easily.</p> <p>2. Conducted quizzes in google platform at regular intervals to assess the students understanding of the subject.</p> <p>3. Given assignments to the students unit wise. The students were asked to submit the answers for the assignment questions. This will help the students to prepare for mid as well as end examination.</p> <p>3. After completion of every unit, the material relating to the subject was posted in google classroom</p>	<p>topics in online mode..</p>	<p>Naïve Baye's, Decision Tree induction ) as assignment problems to the students.</p>
--	--	---	--------------------------------	--

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M. E, Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





Department of Computer Science & Engineering

K.S.R.M COLLEGE OF ENGINEERING

AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Computer Science & Engineering	Year/Semester	B.Tech VIsem
Course Name	MOBILE APPLICATION DEVELOPMENT	Course Code	1805608

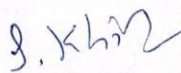

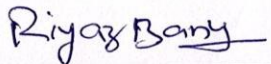

Committee Members::

S.No	Name	Role	Designation	Signature
1	S.RIYAZBANU	Coordinator	Asso.Professor	Riyaz Banu
2	S.KHAJA KHIZAR	Member	Asst.Professor	Khizar
3	O.V.SOWMYA	Member	Asst.Professor	Sowmya

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To Understand fundamentals of android operating systems. 2. To learn the internals of the Android OS. 3.To learn the Mobile application development using the Android SDK.	1. Students are new to the course and difficult to the finding the applications. 2. The concerned faculty identified few of them are not attending regularly.	1.The basics of mobile application development subject. 2. Usage of <b>Pen Tab</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 3. The related text books and solved problems are sent before commencement of	1. Difficult to solve the problems from students' point of view.	1.SDK tools are used. 2. Some recorded videos has to be posted in class room. 3.Java software is used.



		topics to be covered. 4. Course material/handouts are given before/after class.		
--	--	---	--	--

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





Department of Computer Science & Engineering

K.S.R.M COLLEGE OF ENGINEERING

AUTONOMOUS

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Computer Science & Engineering	Year/Semester	B. Tech VI Sem
Course Name	MOBILE APPLICATION DEVELOPMENT	Course Code	1805608

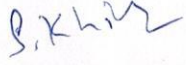

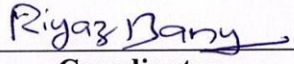
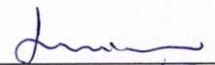
Committee Members::

S.No	Name	Role	Designation	Signature
1	S.RIYAZBANU	Coordinator	Asso.Professor	Riyaz Banu
2	S.KHAJA KHIZAR	Member	Asst.Professor	S Khizar
3	O.V.SOWMYA	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. 2. To overcome the shortcomings from students' point of view. 3.This course to importance of ANDROID studio.	1 Student wants to listen teaching in E-class mode and black boards teaching because understand android concepts. 2. The concerned faculty identified few of them are not because of irregularity	1.Usage of <b>Microsoft White Board</b> and <b>YOUTUBE</b> videos for explaining each and every topic by the student can able to understand clearly.  2. The related lecture notes handover before	1.Difficult to understand android tools with E-Content.	1.The practicing sessions will be conducted to avoid the difficult.

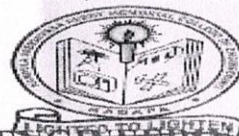


4.To understand various android tools.	of attending classes.	commencement of topics to be covered.		
--	-----------------------	---------------------------------------	--	--

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





**K.S.R.M COLLEGE OF ENGINEERING-KADAPA-516003  
(AUTONOMOUS)**

**Department of Computer Science & Engineering  
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

Department	Computer Science & Engineering	Year/Semester	6 <sup>th</sup> Sem
Course Name	Artificial Intelligence	Course Code	1805603

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	B.Gouri	Coordinator	Assistant Professor	
2	G.Nagendra Babu	Member	Assistant Professor	
3	S.Riyazbanu	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To understand how a computer making intelligent decisions.  2. To understand the notions of state space representation, heuristic search methods.	1. Some Frame works complex. 2. Student wants practical Lab Section to understand more depth in Subject.	1. Course material/handouts are given before and after class.	As the classes were conducted through online mode due to pandemic few students not focused properly towards class.	Evaluate each heuristic Method by using real data. Do the comparison over the output and No of iteration taken by Algorithm.

 Member	 Member	 Coordinator	 HOD
------------	------------	-----------------	---------

Kadapa, Andhar Pradesh-516003  
[www.ksrmce.ac.in](http://www.ksrmce.ac.in)

Dr. M. Sreenivasulu,  
M. E., Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA





K.S.R.M COLLEGE OF ENGINEERING-KADAPA-516003

(AUTONOMOUS)

Department of Computer Science & Engineering

SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21

Department	Computer science & engineering	Year/Semester	6 <sup>th</sup> Sem
Course Name	Artificial Intelligence	Course Code	1805603

Committee Members::

S.No	Name	Role	Designation	Signature
1	B.Gouri	Coordinator	Assistant Professor	
2	G.Nagendra Babu	Member	Assistant Professor	
3	S.Riyazbanu	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To learn different knowledge representation techniques To understand the applications of AI.	1. Difficult to understand advanced concepts. 2. Student felt that the subject is syllabus was vast.	1. The related lecture notes handover before commencement of topics to be covered 1. Discussed with real time examples.	As the classes were conducted through online mode due to pandemic few students not focused properly towards class.	1. Some recorded videos have to be posted in Class room. 2. We need to have more hands-on on data base connectivity for better understanding.

Member	Member	Coordinator	HOD

Kadapa, Andhar Pradesh-516003  
[www.ksrmce.ac.in](http://www.ksrmce.ac.in)

Dr. M. Sreenivasulu,  
M E, Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516003

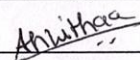
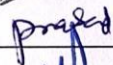





Department of Computer Science &  
Engineering  
**K.S.R.M COLLEGE OF ENGINEERING**  
AUTONOMOUS  
**FIRST COURSE REVIEW COMMITTEE REPORT**  
**(CRC) 2020-21**

Department	Computer Science & Engineering	Year/Semester	B.Tech VI <sup>th</sup> Sem
Course Name	INTERNET OF THINGS	Course Code	1505708

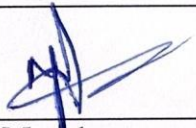
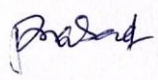
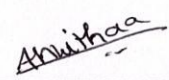
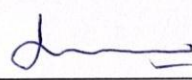
**Committee Members::**

S.No	Name	Role	Designation	Signature
1	T. ANITHA	Coordinator	Assistant Professor	
2	Y.PRASADA REDDY	Member	Assistant Professor	
3	N.J.PRAMOD DHINAKAR	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To evaluate Significance of this subject .	1. Students wants to listen teaching in Offline mode because understand the	1.Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for explaining each and	1. Difficult to understand the components and working principles of	1. To create a real time IoT Projects.



<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>operations of IoT practically.</p> <p>2. The concerned faculty identified few of them are not attending regularly.</p> <p>3. Students Requested for IoT industries visit for Project Planning.</p>	<p>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>Raspberry pi kit in online.</p> <p>2. Difficult to Understand Raspberry pi programming without knowledge on python basics.</p>	<p>2. Explaining more number of problems will be expert zing in relevant scheduling of projects.</p> <p>3. Prepare a prototype with IoT Kits and Sensors.</p>
---	---	---	---	---

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M. E., Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003

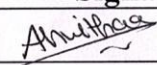
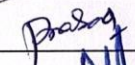





Department of Computer Science &  
Engineering  
**K.S.R.M COLLEGE OF ENGINEERING**  
AUTONOMOUS  
**SECOND COURSE REVIEW COMMITTEE**  
**REPORT (CRC) 2020-21**

Department	Computer Science & Engineering	Year/Semester	B.Tech VI <sup>th</sup> Sem
Course Name	INTERNET OF THINGS	Course Code	1505708


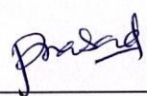
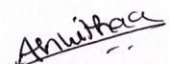

**Committee Members::**

S.No	Name	Role	Designation	Signature
1	T. ANITHA	Coordinator	Assistant Professor	
2	Y.PRASADA REDDY	Member	Assistant Professor	
3	N.J.PRAMOD DHINAKAR	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To check the Uniform Coverage of syllabus according	1. Students wants to listen teaching in Offline mode	1.Usage of <b>Pen tablet</b> and <b>YOUTUBE</b> videos for	1. Difficult to understand the components and	1. To create a real time IoT



to the External Examinations. 2. To overcome the shortcomings from students' point of view.	because understand the operations of IoT practically. 2. The concerned faculty identified few of them are not attending regularly.  3. Students Requested for IoT industries visit for Project Planning.	explaining each and Every topic.  2. The related text books and solved problems are sent before commencement of topics to be covered.  3. Course material/handouts are given before/after class.	working principles of Raspberry pi kit in online.  2. Difficult to Understand Raspberry pi programming without knowledge on python basics.	Projects. 2. Explaining more number of problems will be expert zing in relevant scheduling of projects.  3. Prepare a prototype with IoT Kits and Sensors.
--	---	--	--	---

			
Member	Member	Coordinator	HOD

Dr. M. Sreenivasulu,  
M. E., Ph. D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003





## Department of Computer Science & Engineering

### K.S.R.M COLLEGE OF ENGINEERING

#### AUTONOMOUS

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

Department	Computer Science & Engineering	Year/Semester	B.Tech VIIIsem
Course Name	Digital Image Processing	Course Code	1505804

#### Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. M. V. Rathnamma	Coordinator	Asso.Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Smt. B. Swetha	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of this subject and its use in field of image processing.  2.To check the Uniform Coverage of syllabus according to the Internal Examinations.  3.To overcome the shortcomings from student's point of view, if any.	1.Students are new to the course and difficult to the finding the noise in image and image contours.  2. The concerned faculty identified few of them are not attending regularly.	1.The basics of Digital Image Processing subject. 2. Usage of <b>Pen Tab</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 3. The related text books and solved problems are sent before commencement of topics to be covered. 4. Course	1.Difficult to solve the problems from students' point of view.	1.OpenCV is a tool for image processing. It is an open-source library and it provides a find contours function in which need to pass Canny edges as a





**Department of Computer Science & Engineering**  
**K.S.R.M COLLEGE OF ENGINEERING**  
**AUTONOMOUS**  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

<b>Department</b>	<b>Computer Science &amp; Engineering</b>	<b>Year/Semester</b>	<b>B. Tech VIII Sem</b>
<b>Course Name</b>	<b>Digital Image Processing</b>	<b>Course Code</b>	<b>1505804</b>

**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	Dr. M. V. Rathnamma	Coordinator	Asso.Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Smt. B. Swetha	Member	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 check the Uniform Coverage of syllabus according to the External Examinations. 2. To overcome the shortcomings from students' point of view.	1 Student wants to listen teaching in E-class mode and black boards teaching because understand Segmentation and Linear Discrete Image Transforms elaborately. 2. The concerned faculty	1.Usage of <b>Microsoft White Board</b> and <b>YOUTUBE</b> videos for explaining each and every topic by the student can able to understand clearly. 2. The related lecture notes handover before	1.Difficult to understand morphological image processing and segmentation even with E-Content.	1.The practicing sessions will be conducted to avoid the difficult.





## Department of Computer Science & Engineering

### K.S.R.M COLLEGE OF ENGINEERING

#### AUTONOMOUS

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

Department	Computer Science & Engineering	Year/Semester	B.Tech VIIIsem
Course Name	ETHICAL HACKING	Course Code	1505802

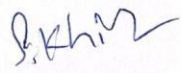

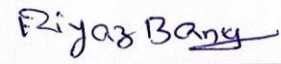

#### Committee Members::

S.No	Name	Role	Designation	Signature
1	S.RIYAZBANU	Coordinator	Asso.Professor	RiyazBany
2	Dr.N.RAMANJANEYA REDDY	Member	Asst.Professor	N. [Signature]
3	S.KHAJA KHIZAR	Member	Asst.Professor	S.Khizar

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To know the importance of this subject and its use in field of Hacking.  2.To check the Uniform Coverage of syllabus according to the Internal Examinations.  3.To overcome the short comings from student's point of view, if any.	1.Students are new to the course and difficult to the finding the noise in image and image contours. 2. The concerned faculty identified few of them are not attending regularly.	1.The basics of Digital Image Processing subject. 2. Usage of <b>Pen Tab</b> and <b>YOUTUBE</b> videos for explaining each and every topic. 3. The related text books and solved problems are sent before commencement of topics to be covered. 4. Course	1.Difficult to solve the problems from students' point of view.	1.Hacking tools are used. 2. Some recorded videos has to be posted in class room.



4.To be exposed to programming languages for security professionals.		material/handouts are given before/after class.		
--	--	---	--	--

			
Member	Member	Coordinator	HOD

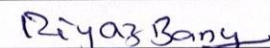
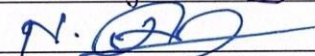
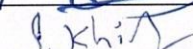




**Department of Computer Science & Engineering**  
**K.S.R.M COLLEGE OF ENGINEERING**  
**AUTONOMOUS**  
**SECOND COURSE REVIEW COMMITTEE REPORT (CRC) 2020-21**

<b>Department</b>	<b>Computer Science &amp; Engineering</b>	<b>Year/Semester</b>	<b>B. Tech VIII Sem</b>
<b>Course Name</b>	<b>ETHICAL HACKING</b>	<b>Course Code</b>	<b>1505802</b>

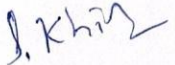

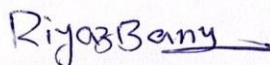
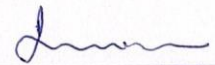
**Committee Members::**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Designation</b>	<b>Signature</b>
1	S.RIYAZBANU	Coordinator	Asso.Professor	
2	Dr.N.RAMANJANEYA REDDY	Member	Asst.Professor	
3	S.KHAJA KHIZAR	Member	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 check the Uniform Coverage of syllabus according to the External Examinations. 2. To overcome the shortcomings from students' point of view. 3. This course to importance of information security.	1 Student wants to listen teaching in E-class mode and black boards teaching because understand Segmentation and Linear Discrete Image Transforms elaborately. 2. The concerned faculty	1. Usage of <b>Microsoft White Board</b> and <b>YOUTUBE</b> videos for explaining each and every topic by the student can able to understand clearly.  2. The related lecture notes handover before	1. Difficult to understand hacking tools and security with E-Content.	1. The practicing sessions will be conducted to avoid the difficult.



4.To understand various hacking techniques and attacks	identified few of them are not because of irregularity of attending classes.	commencement of topics to be covered.		
--	--	---------------------------------------	--	--

			
Member	Member	Coordinator	HOD





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

**Department of Computer Science and Engineering**

**FIRST DEPARTMENT REVIEW COMMITTEE REPORT (DRC) 2020-21**

**Committee Members:**

S.No	Name	Role	Designation	Signature
1	Dr. M.Sreenivasulu	Coordinator	HOD & Professor	
2	Dr. V. Lokeswara Reddy	Member	Professor	
3	Dr. M.V.Rathnamma	Member	Associate Professor	

Year/Semester	Course Code	Course Name	Problems Identified	Suggestions for Improvement
IV Semester	1805404	Operating Systems	Students are facing difficulty in understanding how the processes are synchronized during their execution of utilizing common resources.	Explaining more problems will able to understand synchronization between processes.
VI Semester	1805601	Internet of Things	Students are facing difficulty in understanding Raspberry pi programming without knowledge on Python Programming.	Recall Python Programming concepts.

		V. S. S. M. M. / 5
<b>HOD</b>	<b>Dean</b>	<b>Principal</b>

**Dr. M. Sreenivasulu,**  
M E, Ph D.  
Professor & HOD CSE  
K.S.R.M. College of Engineering  
KADAPA - 516 003

Kadapa, AndharPardesh-516003 [www.ksrmce.ac.in](http://www.ksrmce.ac.in)

PRINCIPAL  
K.S.R.M. COLLEGE OF ENGINEERING  
KADAPA - 516 003. (A.P.)





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

**Department of Computer Science and Engineering**

**SECOND DEPARTMENT REVIEW COMMITTEE REPORT (DRC) 2020-21**

**Committee Members:**

S.No	Name	Role	Designation	Signature
1	Dr. M.Sreenivasulu	Coordinator	HOD & Professor	
2	Dr. V. Lokeswara Reddy	Member	Professor	
3	Dr. M.V.Rathnamma	Member	Associate Professor	

Year/Semester	Course Code	Course Name	Problems Identified	Suggestions for Improvement
IV Semester	1821402	Probability and Statistics	Students are facing difficulty in understanding Discrete and Continuous distribution functions.	To revise the concepts with more practical applications.
VI Semester	1805601	Internet of Things	Students are facing difficulty in understanding the operations of IoT practically.	To Create real time IoT projects.
VIII Semester	1505804	Digital Image Processing	Students are facing difficulty in finding noise in image and image contours.	To revise the concept with more examples and use openCV it provides library to find contours in image.

		V. S. S. Mulk
<b>Dr. M. Sreenivasulu,</b> <b>HOD</b>	<b>Dean</b>	<b>Principal</b>