



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

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

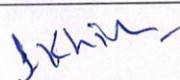


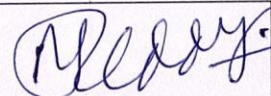
Department	Computer Science & Engineering	Year/Semester	B.Tech I sem	Date: 10/02/2022
Course Name	C Programming & Data Structures	Course Code	2005103	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. V. Venkata Ramana	Coordinator	Asso. Professor	
2	Sri. S. Khaja Kizar	Member	Asst. Professor	
3	Sri. B. Mahesh Reddy	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 coding. 2. To check the Uniform Coverage of syllabus according to the Internal Examinations.	1. Students are new to the coding and difficult for them to implement in problem solving techniques. 2. The concerned faculty identified few of them are not attending regularly.	1. The basics of Programming subject. 2. Usage of Pen Tab and YOUTUBE videos for explaining each and every topic. 3. The related text books and solved problems are	1. Difficult to solve the problems from students' point of view.	1. Practicing more and more, and trying to solve problems by their own. 2. Some recorded videos have to be posted in class

3.To overcome the shortcomings from student's point of view, if any.		sent before commencement of topics to be covered. 4. Course material/handouts are given before/after class.		room.
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Member	Member	Coordinator	HOD

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Department	Computer Science & Engineering	Year/Semester	B.Tech I sem	Date: 10/02/2022
Course Name	C Programming & Data Structures Lab	Course Code	2005108	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. V. Venkata Ramana	Coordinator	Asso. Professor	
2	Sri. S. Khaja Kizar	Member	Asst. Professor	
3	Sri. B. Mahesh Reddy	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 coding. 2. To check the Uniform Coverage of syllabus according to the Examinations.	1. Students are new to the coding and difficult for them to implement in problem solving techniques. 2. The concerned faculty identified few of them are not attending regularly.	1. The basics of Programming subject. 2. Usage of Pen Tab and YOUTUBE videos for explaining each and every topic. 3. The related text books and solved problems are	Students are facing difficulty to implement the application based programs	1. Need to Practice programs by applying their own logics 2. Some recorded videos have to be posted in class

3.To overcome the shortcomings from student's point of view, if any.		sent before commencement of topics to be covered. 4. Course material/handouts are given before/after class.		room.
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<i>J.Kim</i>	<i>Mahesh</i>	<i>JRD</i>	<i>Reddy</i>
Member	Member	Coordinator	HOD

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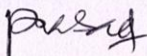

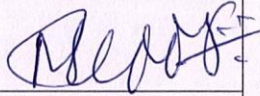
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Department	Computer Science & Engineering	Year/Semester	B.Tech V sem	Date:29/07/2021
Course Name	Database Management Systems	Course Code	1805502	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. S.M. Farooq	Coordinator	Associate Professor	
2	Dr. R. Nageswara Rao	Member	Associate Professor	
3	Y. Prasad Reddy	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To study the physical and logical database designs, database modeling, relational hierarchical, and network models 2. To understand and use data manipulation language to query, update, and managing database.	Very few Students felt difficult to understand the execution of co-related sub queries.	1. Database Management systems is simple and easy to learn to solve the real-world queries to get data from the database 2. Every database query is executed through different IDE's(Like Oracle 10g XE, SQL * PLUS,) so that	1. Very few Students face problems to write Tuple and Domain Relational Calculus queries.	1. Practice sessions have increased with more co-related queries. 2. Students need to solve more number of co-related sub-

<p>3. To develop an understanding of essential DBMS concepts such as: database secure, integrity and concurrency.</p>		<p>they can learn different environments 3. Conducted Quizzes in google platform at regular interval to assess the students understanding of the subject. 4. Course material/handouts are given before/after class.</p>		<p>queries to solve the real world problems.</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	

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2021-22



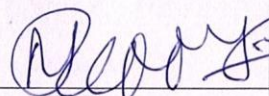
Department	Computer Science & Engineering	Year/Semester	B.Tech Vsem	Date:29/07/2021
Course Name	Software Engineering	Course Code	1805504	

Committee Members::

S.No	Name	Role	Designation	Signature
1	G.Nagendra Babu	Coordinator	Asst. Professor	
2	N.J.Pramod Dhinakar	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 Software Development. 2.To check the Uniform Coverage of syllabus according to the Internal Examinations.	1. Lack of exposure to development environment. 2. Some students are not attending towards the class.	1. Awareness of Software Development Life Cycle. 2. Usage of Microsoft White board and Google Class Room .	1. Analyzing software development practical environment. 2. Analyzing the improvements of SDLCs with from Traditional process models.	1. Watch NPTEL videos. 2. Analyzing the improvements of SDLCs with from Traditional process models.

<p>3.To overcome the shortcomings from student's point of view, if any.</p>		<p>3. The related text books and solved problems are sent before commencement of topics to be covered.</p> <p>4. Course material / handouts are given before/after class.</p>		
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<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>

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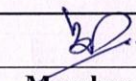
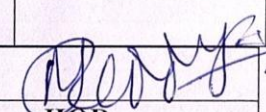
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Computer Science & Engineering	Year/Semester	5 th Sem	Date: 12/11/2021
Course Name	Distributed Systems	Course Code	1805507	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Md. Rahmathulla	Coordinator	Assistant Professor	<i>Md. Rahmathulla</i>
2	B. Manorama Devi	Member	Assistant Professor	<i>B. Manorama Devi</i>
3	S. Riyaz Banu	Member	Assistant Professor	<i>Riyaz Banu</i>

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate Significance of this subject . To check the Uniform Coverage of syllabus according to the Internal Examinations. To overcome the shortcomings from students' point of view, if any	Due to the insufficient amount of internet connectivity / access students response is less. Most of students are not turn up to online classes and not respond to questions. Performance of students cannot be evaluated in online classes.	The related ppts and assignments are sending to their groups. Course material/handouts are giving immediately after class. The related Video links are sending to their groups.	Students are not Referring Text Books for revising the topic. Less than 50% of students respond to the faculty during the teaching session and inactive participation while discussions. Lack of practice by the	To check the activeness of the student, by solving more problems in form of Assignment and Quiz. Giving more lectures for the concept which

			students at home was noticed while discussion sessions through online.	are beyond the subject
Riyaz Banu Member	 Member	Nh. Ralun Coordinator	 HOD	

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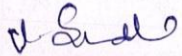

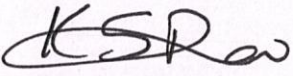
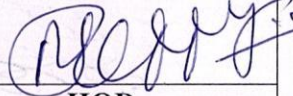
Department	Computer Science & Engineering	Year/Semester	B.Tech VII sem	Date:21/07/2021
Course Name	Operating Systems	Course Code	18OE506	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. K. Sreenivasa Rao	Coordinator	Professor	
2	Dr. N. Ramanjaneya Reddy	Member	Associate Professor	
3	Smt V. Sudha	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
<ol style="list-style-type: none">Students able to Understand the basic concepts related to the operating systems and analyze the various process scheduling algorithms.Students able to solve various classical problems of process synchronization.Students able to Analyze the various memory management	Very few Students felt difficult to understand the classical problems of synchronization.	<ol style="list-style-type: none">Operating system basic principles are simple and easy to learn and to compare the facilities in different operating systems.All operating system principles are implemented practically to get clear knowledge on each topic.	<ol style="list-style-type: none">Very few Students face problems to understand Readers-Writer's problem and Dining Philosophers Problem.	<ol style="list-style-type: none">Role-plays have conducted in classroom to understand classical problems of synchronization clearly.More practical

schemes.		<p>3. Conducted Quizzes in google platform at regular interval to assess the students understanding of the subject.</p> <p>4. Course material/handouts are given before/after class.</p>		<p>examples have given on system programs to get clear knowledge on basic concepts.</p> <p>3.. Students shall go through different operating systems like Ubuntu OS, Red hat linux, to understand the OS concepts clearly.</p>
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Department	Computer Science & Engineering	Year/Semester	B.Tech III sem	Date:21/12/2021
Course Name	Object Oriented Programming through JAVA	Course Code	2005304	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. K. Srinivasa Rao	Coordinator	Professor	
2	Smt. B. Swetha	Member	Asst. Professor	
3	Sri. B. Mahesh Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To study the Object Oriented Concepts and implement them using JAVA. 2. To understand the concepts of inheritance, polymorphism, packages and interfaces.	Very few Students felt difficult to understand the execution of packages and interfaces.	1. Object Oriented Concepts are simple and easy to learn understand. 2. Conducted Quizzes in google platform at regular interval to assess the students understanding of the subject. 3. Course	1. Very few Students face problems to write programs using packages and interfaces.	1. Practice sessions have increased with more co-related examples..

		material/handouts are given before/after class.	
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Member	Member	Coordinator	HOD

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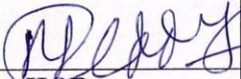
Department	Computer Science & Engineering	Year/Semester	B.Tech III sem	Date:21/12/2021
Course Name	Formal Languages & Automata Theory	Course Code	2005303 (R20)	

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. M.V. Rathnamma	Coordinator	Asso. Professor	
2	Miss. T. Anitha	Member	Asst. Professor	
3	Smt. O.V. Sowmya	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. To be able to construct finite state machines and the equivalent regular expressions and prove the	1. Students are new to the course and difficult to the finding the faults and their test results.	1.The basics of Automata theory. 2. Usage of YOUTUBE videos for explaining each	1. Difficult to solve the problems from students' point of view.	1. The practicing sessions will be conducted to avoid the

<p>equivalence of languages described by finite state machines and regular expressions.</p> <p>2.To check the Uniform Coverage of syllabus according to the Internal Examinations.</p> <p>3.To overcome the shortcomings from student's point of view, if any.</p>	<p>2. The concerned faculty identified few of them are not attending regularly.</p>	<p>and every topic.</p> <p>3. The related text books and solved problems are sent before commencement of topics to be covered.</p> <p>4. Course material/handouts are given before/after class.</p>		<p>difficult.</p>
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<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>

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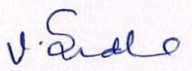
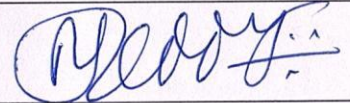
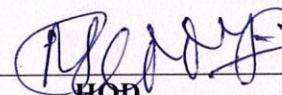
Department	Computer Science & Engineering	Year/Semester	B.Tech III sem	Date:21/12/2021
Course Name	Advanced Data Structures	Course Code	2005302	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. V. Lokeswara Reddy	Coordinator	Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Smt. V. Sudha	Member	Asso.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 coding. 2.To check the Uniform Coverage of syllabus according to the Internal Examinations. 3.To overcome the	1.Students are new to the advanced concepts of data structures so, finding to understand and evaluate it. 2. The concerned faculty identified few of them are not attending regularly.	1. This advanced data structures will help them to learn new programming languages. 2. The related text books and solved problems are sent before commencement of topics to be covered. 3. Course	1. Difficult to solve the problems like conversions and evaluation of expressions from students' point of view.	1. Practicing more and more, and trying to solve problems by their own. 2. Some recorded videos have to be posted in class room.

shortcomings from student's point of view, if any.		material/handouts are given before/after class.	
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Member	Member	Coordinator	HOD

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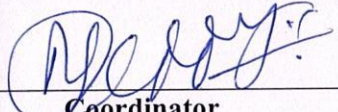
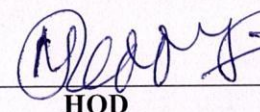
FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Department	Computer Science & Engineering	Year/Semester	B.Tech III sem	Date:21/12/2021
Course Name	Advanced Data Structures Lab	Course Code	2005306	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. V. Lokeswara Reddy	Coordinator	Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Smt. V. Sudha	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 coding. 2.To overcome the shortcomings from student's point of view, if any.	1.Students are new to the advanced concepts of data structures so, finding to understand and evaluate it. 2. The concerned faculty identified few of them are not attending regularly.	1. This advanced data structures will help them to learn new programming languages. 2. The related text books and solved problems are sent before commencement of topics to be covered.	1. Difficult to solve the problems and code the applications like conversions and evaluation of expressions from students' point of view.	1. Practicing more and more, and trying to solve problems by their own.

	V. Sude		
Member	Member	Coordinator	HOD

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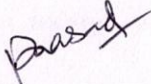
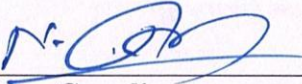
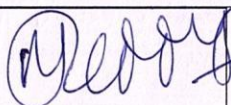
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Department	Computer Science & Engineering	Year/Semester	B.Tech III sem	Date:21/12/2021
Course Name	Database Management Systems	Course Code	2005305	

Committee Members::

S.No	Name	Role	Designation	Signature
1	Dr. N. Ramanjaneya Reddy	Coordinator	Associate Professor	
2	Dr. R. Nageswara Rao	Member	Associate Professor	
3	Y. Prasad Reddy	Member	Assistant Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1.To study the physical and logical database designs, database modeling, relational hierarchical, and network models 2. To understand and use data manipulation language to query, update, and managing database. 3. To develop an understanding	Very few Students felt difficult to understand the execution of co-related subqueries.	1. Database Management systems is simple and easy to learn to solve the real-world queries to get data from the database 2. Every database query is executed through different IDE's(Like Oracle 10g XE, SQL * PLUS,) so that	1. Very few Students face problems to write Tuple and Domain Relational Calculus queries.	1. Practice sessions have increased with more co-related queries. 2. Students need to solve more number of co-related sub-queries to solve

<p>of essential DBMS concepts such as: database secure, integrity and concurrency.</p>		<p>they can learn different environments 3. Conducted Quizzes in google platform at regular interval to assess the students understanding of the subject. 4. Course material/handouts are given before/after class.</p>		<p>the real world problems.</p>
				
<p>Member</p>	<p>Member</p>	<p>Coordinator</p>	<p>HOD</p>	

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Department	Computer Science & Engineering	Year/Semester	B.Tech III sem	Date:21/12/2021
Course Name	Exploring Data Analysis with R	Course Code	2005309 (R20)	

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. S. Nageswara Rao	Coordinator	Asso.Professor	
2	Smt. B. Manorama Devi	Member	Asst.Professor	
3	Smt. V. Sudha	Member	Asst.Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
1. The course enables the students to apply exploring data analysis with R on real time applications. 2. To overcome the shortcomings from student's point of view, if any.	1. Students are new to the code indentation to write and execute the R code. 2. The concerned faculty identified few of them are not attending regularly.	1. R code is simple and easy to learn to solve the real-world problems. 2. Usage of YOUTUBE videos for explaining each and every topic.	1. Students face problem while developing related programs through R.	1. Students need to solve more number of problems related to real world situations.
 Member	 Member	 Coordinator		 Professor & HOD CSE HOD K.S.R.M. College of Engineering (Autonomous) KADAPA - 516 005.