
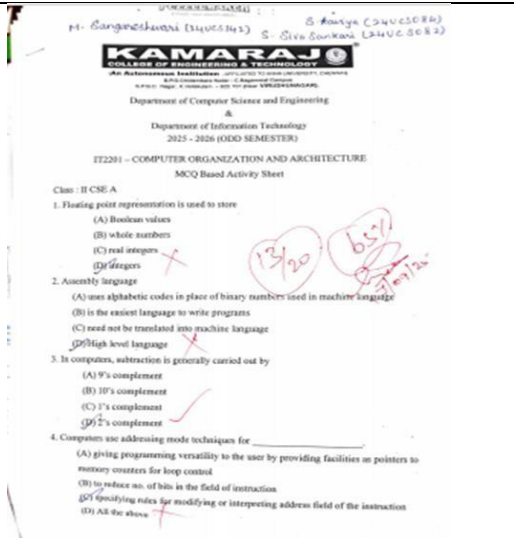
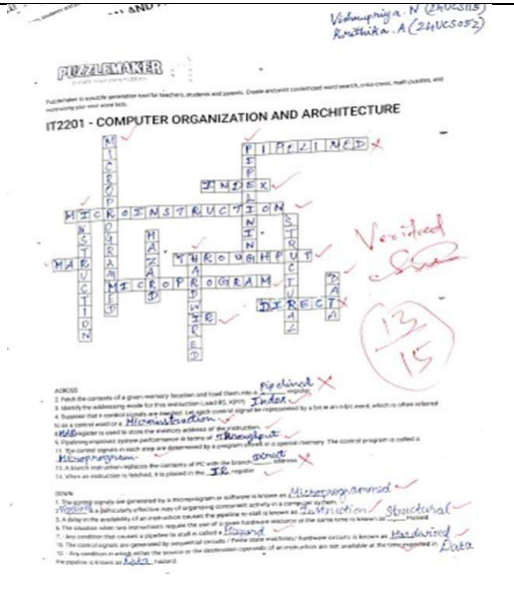


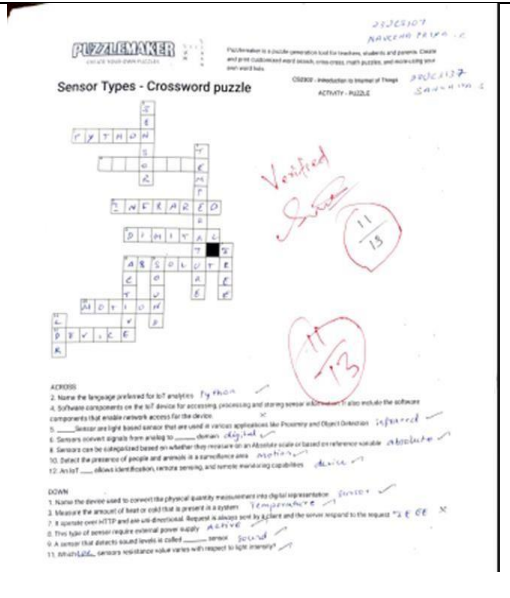
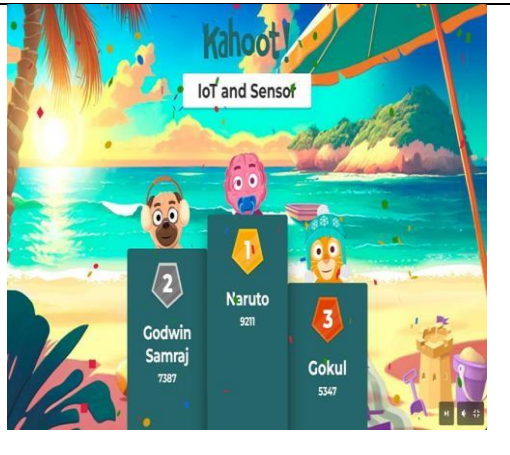
Department of Computer Science and Engineering



Active Learning Methods Followed in Class room Teaching

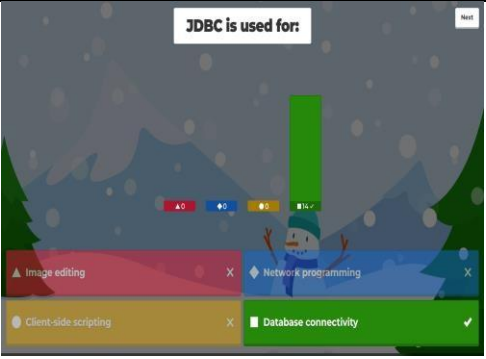
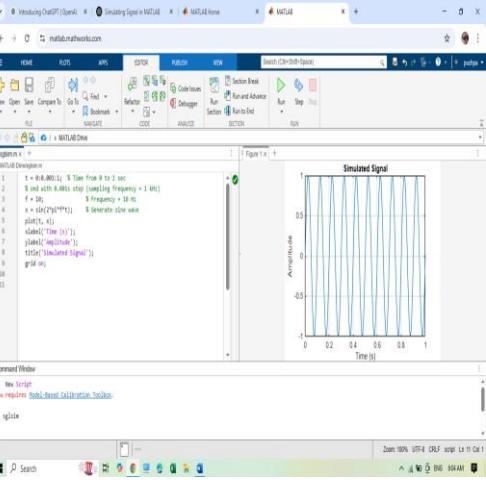
2025-2026 [ODD]

S. No.	Name of the faculty	Subject name with code	Pedagogical tool used (ICT tool / Other pedagogical tools like Jigsaw, Think-Pair-Share etc)	Number of student participants	Purpose of tool	Proof (Photos)
1	Dr.A.Anandh	IT2201 – Computer Organization and Architecture.	Kahoot	55	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated.	

		IT2201 – Computer Organization and Architecture	MCQ	57	MCQ activities help students quickly check what they have learned in ICT, practice thinking fast, and prepare for exams while making learning interactive and enjoyable	 <p>Handwritten MCQ activity sheet for IT2201 - Computer Organization and Architecture. The sheet includes questions about floating-point representation, assembly language, and computer addressing modes. Handwritten answers and marks are visible.</p>
		IT2201 – Computer Organization and Architecture	Crossword Puzzle	57	Puzzles stimulate analytical thinking, logical reasoning, and decision-making skills in essential competencies of ICT and engineering fields.	 <p>Handwritten crossword puzzle activity sheet for IT2201 - Computer Organization and Architecture. The sheet includes a crossword puzzle grid with words filled in. Handwritten answers and marks are visible.</p>

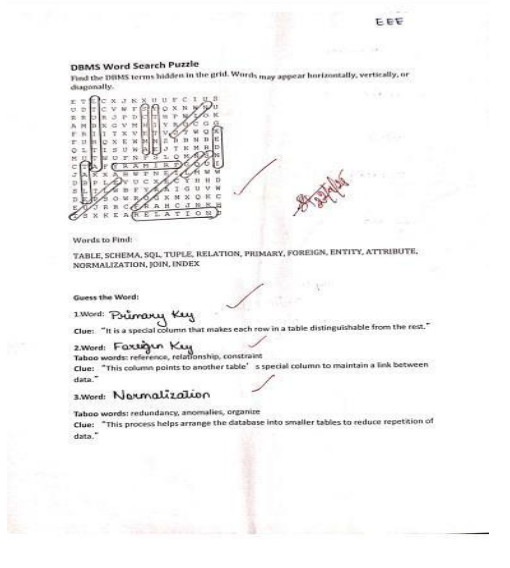
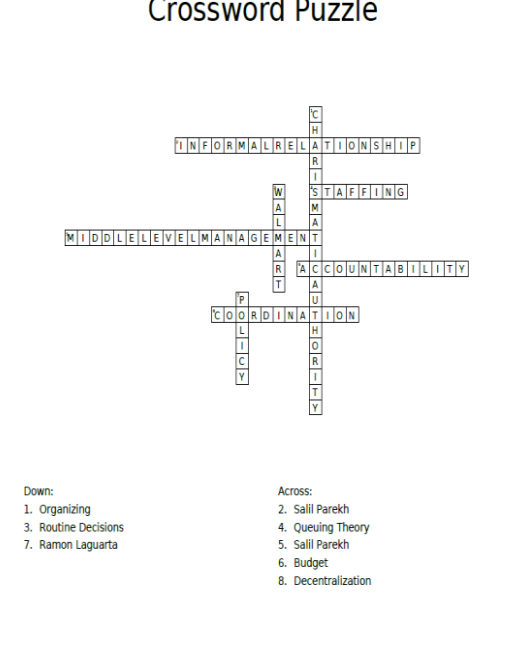
		CS2302 – Introduction to Internet of Things	Crossword Puzzle	55	Puzzles stimulate analytical thinking, logical reasoning, and decision- making skills in essential competencies of ICT and engineering fields.	 <p>PUZZLEMAKER WORD SCRAMBLER</p> <p>23/05/2022 NAVEEN PRASAD PROJECT 117 DATE: 11/05/22</p> <p>Sensor Types - Crossword puzzle</p> <p>ANSWERS: 2. Name the language preferred for IoT analysis. <i>Python</i> 4. Software components on the IoT device for accessing, processing and storing sensor data also include the software components that enable network access for the device. <i>OS</i> 5. _____ sensor and light based sensor that are used in various applications like Proximity and Object Detection. <i>Infrared</i> 6. Sensors collect signals from analog to _____ domain. <i>Digital</i> 8. Sensors can be categorized based on whether they measure an absolute value or based on reference variable. <i>Relative</i> 10. Detect the presence of people and animals in a surveillance area. <i>Video</i> 12. An IoT _____ allows identification, remote sensing, and remote monitoring capabilities. <i>Gateway</i></p> <p>DOWN: 1. Name the device used to convert the physical quantity measurement into digital representation. <i>Encoder</i> 3. Measure the amount of heat or cold that is present in a system. <i>Temperature</i> 7. It operates over HTTP and an air interface. Request is always sent by client and the server respond to the request. <i>REST</i> 9. A sensor that detects liquid levels is called _____ sensor. <i>Level</i> 11. An analog _____ sensor's resistance value varies with respect to light intensity. <i>Light</i></p>
		CS2302 – Introduction to Internet of Things	Kahoot	57	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated.	 <p>Kahoot! IoT and Sensor</p> <p>2 Godwin Samraj 7387 1 Naruto 5211 3 Gokul 5347</p>


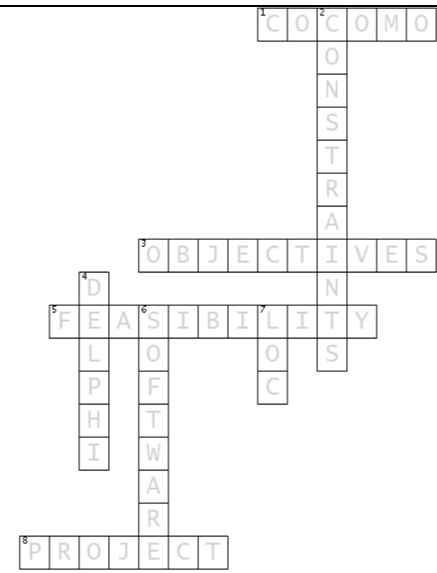
		CS2302 – Introduction to Internet of Things	Word Search	57	It helps learners recall and recognize important keywords, definitions, and technical terms related to the topic. Also makes learning enjoyable and interactive, increasing student participation and interest in the subject.	 <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY Department of Computer Science and Engineering E.K., Computer Science and Engineering CS2302 – Introduction to Internet of Things Word Search Puzzle Activity</p> <p>Questions</p> <ol style="list-style-type: none"> 1. Identify the language preferred for IoT analytics? 2. Who coined the term IoT? 3. IoT stands for _____. 4. _____ is the lightweight protocol. 5. _____ is the way in which an IoT device is associated with data. 6. What is the full form of the LPWAN? 7. An IoT network is a collection of _____ device. 8. What is the Arduino UNO? 9. What is the role of Big Data in IoT's Smart Grid architecture? 10. What is the real example of a smart grid device in IoT? 11. Which of the following element is used to measure the gases or liquid? 12. Which of the following protocols is used by USAID? 13. Which of the following topology is used for ZigBee Smart Energy? 14. Which of the following touch sensors is used in a cell phone? 15. _____ is the example of a short-range wireless network? 16. Which is an IoT platform? 17. What is the standard form of RFID? 18. In IoT, does the _____ layer help in end-to-end communication? <p>W E T H K F H S M E T E R I O T S E I A E O E C H E O I T G V O D N T H E R Z N O T V N O T H S A A F Y E I T N E D I A O I I S E E Y T P U R M D M R H I S E L N R L O F N H O D G S E H I E G E C Q Y E S O J T P M T E N T A D A N I E S I T U I M P Y E F O V A T E R M T V S T F I D I S T R A M S E L R E H T E G M H U C R A H I H O I C C R H O A D R D B E L S A O T O F E O S E T U N I S E N T U I L M N S I A F S G F E S T O R E E S A G O D H A S Q O S I E H R O M T E N T H E K L I M D E A B R L O C O T O R P T M L R P C P N E H P D E H T H A R O W A R E O A H L A I N T E A C T O I E M A Y F M M T E T S O H H L T E O I S F O R O T H R S S N C T I D O A V G L A E R T F E A A O U I H O O V E R H E D I E A O N N T H E H E T O C M Q T T E O N H R A E H T S W H M E G N I E H T I O S M H I N D A T A</p>
2	S. Ram Prasath	CS2301- Internet Programming	Kahoot	55	Online quiz tool used to create interactive game-based learning activities that engage participants in real-time.	 <p>JavaScript is a _____ language.</p> <p>Compiled X Machine X Markup X Interpreted ✓</p>

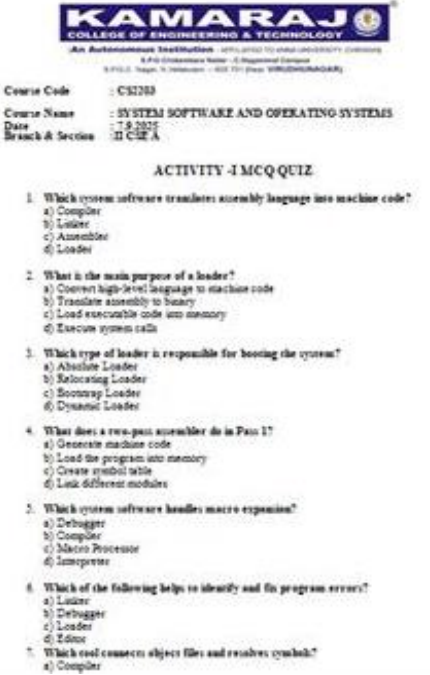

		CS2202 – Oops using Java	Kahoot	58	Online quiz tool used to create interactive game-based learning activities that engage participants in real-time.	
3	G.C.Pushpalatha	VCS341 – Multimedia Systems	MATLAB – Simulation Tool	54	Using MATLAB, students are able to generate, analyze, and simulate sine waves(audio signal) for signal processing in multimedia	

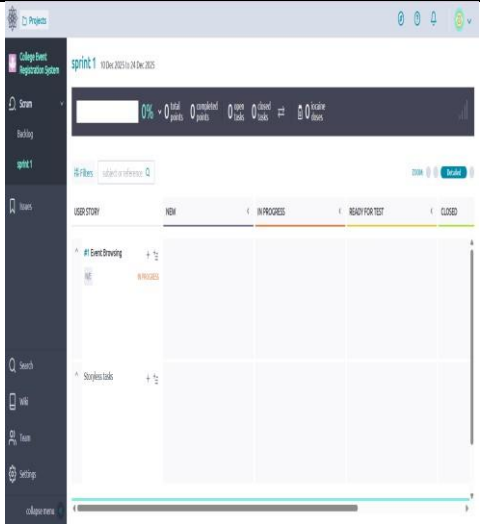
		VCS341 – Multimedia Systems	Forms	54	Google Forms was employed to increase the interactivity and interest of the learning process. It was useful for administering tests, rapidly gathering student answers, and evaluating how well students understood multimedia ideas.	VCS341 - MULTIMEDIA SYSTEMS (10 Points) 1. Which of the following is NOT a type of multimedia? * (1 Point) <input type="radio"/> A) Text <input type="radio"/> B) Audio <input checked="" type="radio"/> C) Spreadsheet ✓ <input type="radio"/> D) Video 2. What does the term "multimedia" mean? * (1 Point) <input type="radio"/> A) Using multiple input devices <input type="radio"/> B) Using many users simultaneously <input checked="" type="radio"/> C) Combining text, audio, images, animations, and video ✓ <input type="radio"/> D) Using multi-core processors
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		GE2401- Universal Human Values and Ethics	Forms	62	Google Forms was employed to increase the interactivity and interest of the learning process. It was useful for administering tests, rapidly gathering student answers, and evaluating how well students understood the values and the ethics/	<p>GE2401 - UNIVERSAL HUMAN VALUES AND ETHICS (10 Points)</p> <p>1. What is the primary goal of value education? * (1 Point)</p> <p><input type="radio"/> A) To increase subject knowledge</p> <p><input type="radio"/> B) To improve physical health</p> <p><input checked="" type="radio"/> C) To facilitate right understanding and humane conduct. ✓</p> <p><input type="radio"/> D) To prepare for competitive exams</p> <p>2. Which of the following is a natural desire of every human being? * (1 Point)</p> <p><input type="radio"/> A) Fame</p> <p><input type="radio"/> B) Conflict</p> <p><input checked="" type="radio"/> C) Happiness ✓</p> <p><input type="radio"/> D) Wealth accumulation</p> <p><input type="radio"/> Option 2</p>
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		OIT702- Principles of Database Management System	Word Search Puzzle	70	A word-search puzzle is used to teach DBMS ideas to students. They must find hidden keywords and deduce words from hints.	 <p>DBMS Word Search Puzzle Find the DBMS terms hidden in the grid. Words may appear horizontally, vertically, or diagonally.</p> <p>Words to Find: TABLE, SCHEMA, SQL, TUPLE, RELATION, PRIMARY, FOREIGN, ENTITY, ATTRIBUTE, NORMALIZATION, JOIN, INDEX</p> <p>Guess the Word: 1. Word: <u>Primary Key</u> Clue: "It is a special column that makes each row in a table distinguishable from the rest." 2. Word: <u>Foreign Key</u> Clue: "This column points to another table's special column to maintain a link between data." 3. Word: <u>Normalization</u> Clue: "This process helps arrange the database into smaller tables to reduce repetition of data."</p>
4	T.Divya	GE2491- Principles Of Management	Cross Word Puzzle	63	Puzzles stimulate analytical thinking, logical reasoning, and decision-making skills in essential competencies of ICT and engineering fields.	<h3 style="text-align: center;">Crossword Puzzle</h3>  <p>Down: 1. Organizing 3. Routine Decisions 7. Ramon Laguarta</p> <p>Across: 2. Salli Parekh 4. Queuing Theory 5. Salli Parekh 6. Budget 8. Decentralization</p>

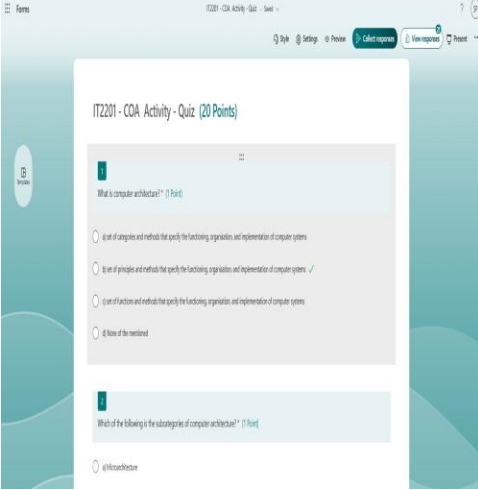
		GE2491- Principles Of Management	Seminar	63	Seminars help students gain a deeper understanding of a topic through expert presentations, interactive discussions, and question-and-answer sessions.	
		MCS108- Software Project Management Techniques	Cross word Puzzle	63	Puzzles stimulate analytical thinking, logical reasoning, and decision-making skills in essential competencies of ICT and engineering fields	

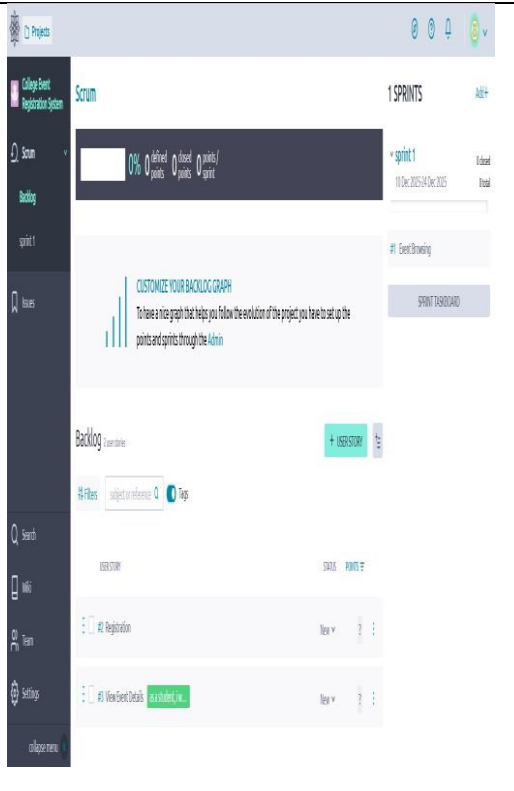
5.	M.Mohana	CS2203- System Software and Operating Systems	MCQ	62	MCQ activities help students quickly check what they have learned in ICT, practice thinking fast, and prepare for exams while making learning interactive and enjoyable	 <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY An Autonomous Institution Affiliated to Anna University Chennai S.P.O. Nagar, Chennai - 600 079 (Dist. VIRUDHACHARI)</p> <p>Course Code : CS2203 Course Name : SYSTEM SOFTWARE AND OPERATING SYSTEMS Date : 28.02.2025 Branch & Section : II CSE A</p> <p>ACTIVITY -1 MCQ QUIZ</p> <ol style="list-style-type: none"> Which system software translates assembly language into machine code? a) Compiler b) Loader c) Assembler d) Linker What is the main purpose of a loader? a) Convert high-level language to machine code b) Translate assembly to binary c) Load executable code into memory d) Execute system calls Which type of loader is responsible for booting the system? a) Absolute Loader b) Relocating Loader c) Bootstrap Loader d) Dynamic Loader What does a two-pass assembler do in Pass 1? a) Generate machine code b) Load the program into memory c) Create symbol table d) Link different modules Which system software handles macro expansion? a) Debugger b) Compiler c) Macro Processor d) Interpreter Which of the following helps to identify and fix program errors? a) Linker b) Debugger c) Loader d) Editor Which tool connects object files and resolves symbols? a) Compiler
6.	M.Mohana	CS2203- System Software and Operating Systems	Cross Word Puzzle	62	Puzzles stimulate analytical thinking, logical reasoning, and decision-making skills in essential competencies of ICT and	 <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY An Autonomous Institution Affiliated to Anna University Chennai S.P.O. Nagar, Chennai - 600 079 (Dist. VIRUDHACHARI)</p> <p>Course Code : CS2203 Course Name : SYSTEM SOFTWARE AND OPERATING SYSTEMS Date : 28.02.2025 Branch & Section : II CSE A</p> <p>ACTIVITY -2 Cross Word Puzzle</p> <p>Across</p> <ol style="list-style-type: none"> Swapping Interpreter Shell Paging System Calls <p>Down</p> <ol style="list-style-type: none"> Debugger Swapping Bootstrap Loader Operating System Kernel


					engineering fields.	
7	I.Shalom Priscilla	VCS321- Agile project development with scrum	Taiga	59	Taiga is an open-source tool used for Agile project management. Taiga is used to practically explain Agile and Scrum concepts, making it useful for teaching project management and teamwork to students.	

		<p>VCS321- Agile project development with scrum</p>	<p>Cross Word Puzzle</p>	<p>59</p>	<p>The purpose of a crossword puzzle is to encourage active learning, improve concentration, reinforce key concepts, support recall of terminology, and make learning more engaging</p>	<p>VCS321 - AGILE PROJECT DEVELOPMENT WITH SCRUM P. Mercy Angeline 23VCS085</p> <p>ACROSS</p> <ol style="list-style-type: none"> Work not yet completed Technique used to gather requirements from stakeholders A lightweight project management framework, used in Agile Document that explains user requirements A distributed version control system used in DevOps A visual tool used to track tasks in Agile teams Deploying software automatically to production Iteration in Scrum Cloud-based code platform <p>DOWN</p> <ol style="list-style-type: none"> Feedback-oriented development The document that expresses values and principles of Agile Cloud platform service model A formal statement describing the desired capabilities of a system Improving code without changing behaviour A small chunk of deliverable functionality Iterative and incremental approach
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		IT2201- Computer Organisation and Architecture	Seminar	64	Seminar is conducted to develop communication and presentation skills, build confidence, encourage self-directed learning, enhance subject understanding, and promote leadership and teamwork abilities.	 <p>Chittoor, Tamil Nadu, India Mx17+9xg, Chittoor, Tamil Nadu 625701, India Lat: 9.673444° Long 77.965218° 15/10/2025 12:38 PM GMT +05:30</p>
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		IT2201- Computer Organisation and Architecture	Forms	64	The purpose is to evaluate students' comprehension of fundamental ideas, reinforce knowledge, enhance technical vocabulary memory, promote active engagement, and give prompt feedback on conceptual clarity.	 <p>The screenshot shows a quiz interface with the following content:</p> <p>IT2201 - COA Activity - Quiz (20 Points)</p> <p>1. What is computer architecture? (1 Point)</p> <ul style="list-style-type: none"> <input type="radio"/> A set of categories and methods that specify the functioning, organization and implementation of computer systems <input type="radio"/> A set of principles and methods that specify the functioning, organization and implementation of computer systems ✓ <input type="radio"/> A set of functions and methods that specify the functioning, organization and implementation of computer systems <input type="radio"/> None of the mentioned <p>2. Which of the following is the subcategory of computer architecture? (1 Point)</p> <ul style="list-style-type: none"> <input type="radio"/> Microarchitecture
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		MCS107- Software engineering essentials	Taiga	64	In a Software Engineering course, it is used to practically explain Agile and Scrum concepts, helping students understand project planning, team collaboration, and effective project management practices.	 <p>The screenshot displays the Taiga project management interface. At the top, it shows the project name 'College Event Registration System' and the current sprint '1 SPRINTS'. Below this, there's a progress bar indicating 0% of the sprint's points. The main area features a 'CUSTOMIZE YOUR BACKLOG GRAPH' section with a bar chart and a 'SPRINT TASKBOARD' button. The 'Backlog' section is visible, showing a list of tasks with columns for 'STATUS' and 'POINTS'. The tasks listed include '#1 Registration' and '#1 ViewEventDetails'. A sidebar on the left contains navigation icons for Scrum, Backlog, Issues, Search, and Settings.</p>
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		MCS107- Software engineering essentials	MCQ	64	MCQ is given to promote self-assessment, identify learning gaps, encourage revision of key topics and support objective and consistent evaluation.	<p style="text-align: right;">Gr. Prem (22UEE026)</p> <div style="text-align: center;">  <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY (AN Autonomous Institution - 1983) AFFILIATED TO ANNA UNIVERSITY, CHENNAI P.O. Chokkikulam Road, C. Nagarajapuram Campus 640 030 - Chennai - 600 030 (Phone: 9840904648)</p> </div> <p style="text-align: center;">MCS107-SOFTWARE ENGINEERING ESSENTIALS MULTIPLE CHOICE QUESTIONS</p> <ol style="list-style-type: none"> Which document expresses the values and principles of Agile development? A) ISO Standards B) Agile Manifesto ✓ C) Software Requirement Specification D) Project Charter Agile methodology mainly focuses on: A) Extensive documentation B) Following a rigid process C) Customer collaboration and adaptability ✓ D) Contract negotiation Which of the following is a specialized process model? A) Waterfall Model B) Agile Model ✓ C) GS/Model D) Linear Sequential Model Agile process models mainly emphasize: A) Tools and technologies B) Specific viewpoints such as workflow and roles C) Coding techniques D) Hardware requirements The primary purpose of Software Requirements Specification (SRS) is to: A) Describe testing strategies B) Specify software architecture ✓ C) Define functional and non-functional requirements D) Describe coding standards Which activity involves gathering requirements from stakeholders? A) Validation B) Management C) Elicitation ✓ D) Design Requirements validation mainly ensures that: A) Code is optimized B) Requirements are complete and correct ✓ C) Software is bug-free D) Project is on schedule Managing requirement changes throughout the project is known as: A) Requirement analysis B) Requirement elicitation <p style="text-align: right;">18/20 88</p>
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8.	Ms.Athilakshmi S	CS2303- Machine Learning Techniques	Scramble Words	52	The purpose of a crossword puzzle is to encourage active learning, improve concentration, reinforce key concepts, support recall of terminology, and make learning more engaging and enjoyable.	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center; background-color: yellow; border-radius: 10px; display: inline-block;">word scramble</p></div> <p style="text-align: center;">Activity - CS2303 - Machine Learning</p> <p>ibas _____ bias</p> <p>reaiancy _____ variance</p> <p>srpcinice _____ precision</p> <p>meorfrpance _____ performance</p> <p>confisonu _____ confusion</p> <p>laleb _____ label</p> <p>iegreossm _____ regression</p> <p>lsgjstcoi _____ logistics</p>
9.	Ms.Archana Devi.S	VCS321- Agile Project Development with Scrum	Puzzle	60		<p>VCS321 - AGILE PROJECT DEVELOPMENT WORD SCRAMBLE P. Mealy Archana 29/05/2025</p> <p style="text-align: center;">KAMARAJU COLLEGE OF ENGINEERING & TECHNOLOGY An Autonomous Institution - AFFILIATED TO JSSRTECH UNIVERSITY K.P.O. Chidambaram Nagar - 605 001 (near VIRUDHACHARI) B.P.O.C. Nagar - Virudhachari - 605 001 (near VIRUDHACHARI)</p> <p>ACROSS</p> <ol style="list-style-type: none"> Work not yet completed Technique used to gather requirements from stakeholders A lightweight project management framework used in Agile Document that explains user requirements A distributed version control system used in DevOps A visual tool used to track tasks in agile teams Deploying software automatically to production Iterations in Scrum Cloud-based code platform <p>DOWN</p> <ol style="list-style-type: none"> Feedback-oriented development The document that captures values and principles of Agile Cloud platform service model A formal statement describing the desired capabilities of a system Improving code without changing behaviour A small chunk of deliverable functionality Iterative and incremental approach

10.	Ms. Vijayalakshmi	GE2492 Total Quality Management	Kahoot	61	Online quiz tool used to create interactive game-based learning activities that engage participants in real-time.	 <p data-bbox="1409 898 1860 1187">Which of the following is the main objective of ISO registration?</p> <ul style="list-style-type: none"> <li data-bbox="1409 987 1745 1019"><input type="checkbox"/> reduce production cost <li data-bbox="1409 1027 1766 1101"><input checked="" type="checkbox"/> ensure consistent quality management <li data-bbox="1409 1109 1839 1141"><input type="checkbox"/> improve employee motivation <li data-bbox="1409 1149 1738 1182"><input type="checkbox"/> increase sales revenue
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		GE2401 Universal Human Values and Ethics	Seminar	59	Seminar is conducted to develop communication and presentation skills, build confidence, encourage self-directed learning, enhance subject understanding, and promote leadership and teamwork ability	
11	Ms.D.Pradhiba	CS2201-Data Structures using Python	Seminar	62	It is helping to enhance students' knowledge, skills, confidence, and overall personality	

					development, helping them grow academically and professionally	
12	Mrs.K.Leelarani	CS2202-Oops using java	Kahoot-Online Quizz	61	Kahoot! is an interactive online quiz platform that makes learning fun through real-time, game-based activities.	

13	Mrs.K.Leelarani	CS2301- Internet Programming	Kahoot-Online Quizz	58	Kahoot! is an interactive online quiz platform that makes learning fun through real-time, game-based activities.	
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