



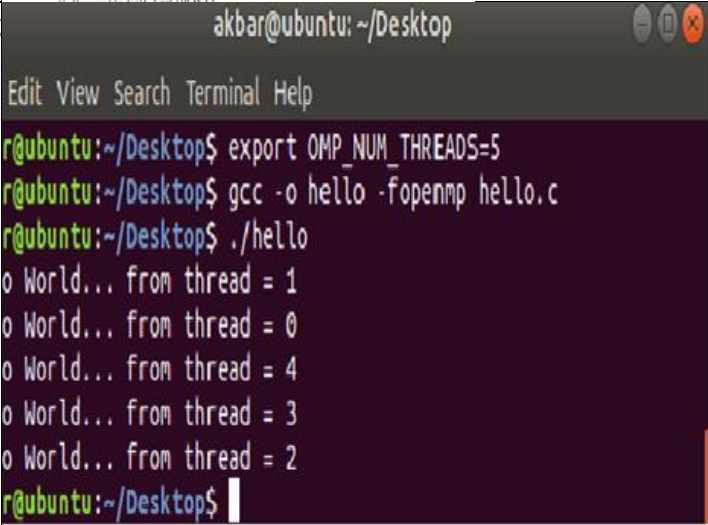
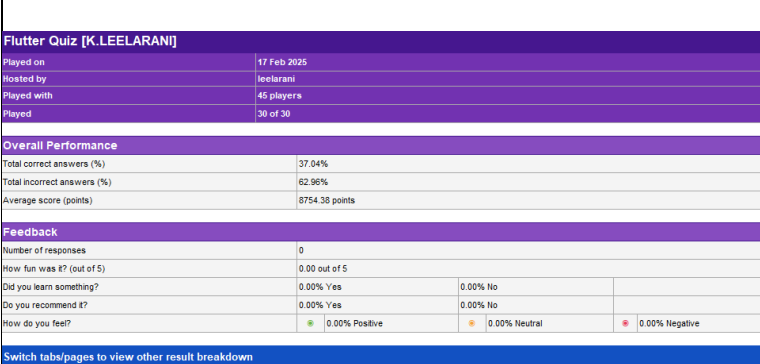
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
(Approved by AICTE, New Delhi)


Department of Computer Science and Engineering

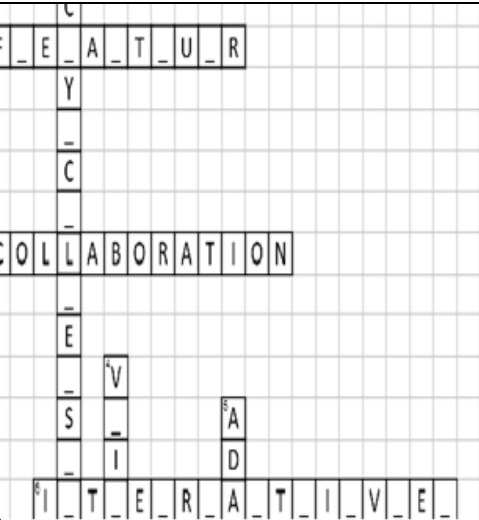
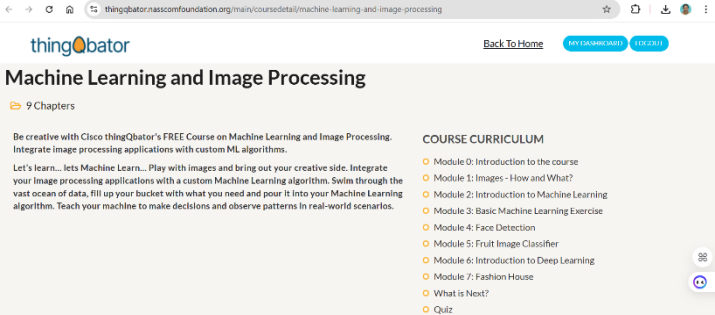
Active Learning Methods Followed in Class Room Teaching

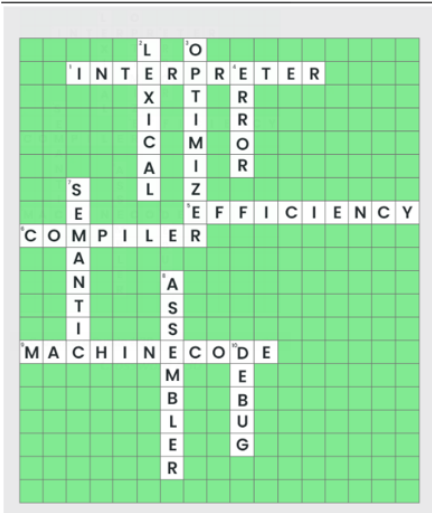
2024– 2025 [EVEN]


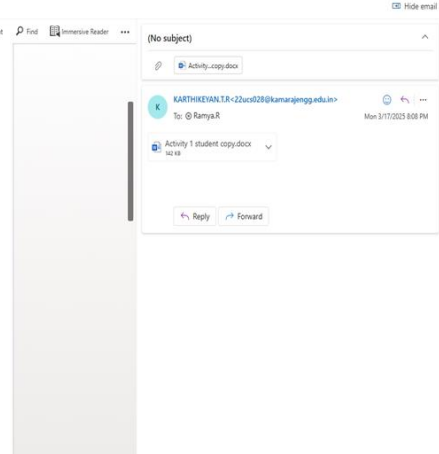
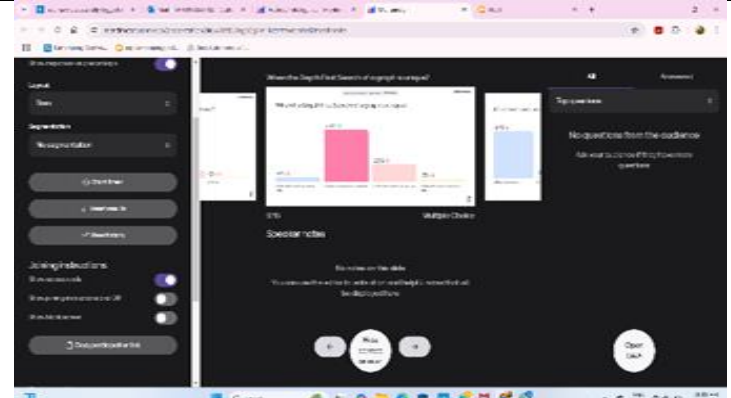
S. No.	Name of the faculty	Subject name with code	Pedagogical tool used (ICT tool / Other pedagogical tools like Jigsaw, Think-Pair-Share etc)	Number of student participants	Purpose of the tool used	Proof (photos)
1.	T.Divya	VCS336-Multicore Architecture	Cross Word Puzzle	23	To understand the basic information and key concepts about Memory management	

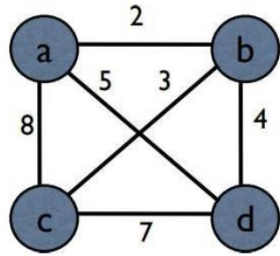
2.	T.Divya	VCS336-Multicore Architecture	Online activity quiz	23	To understand the concepts about OpenMP	<table><tr><td>No of Participants</td><td>58</td></tr><tr><td>Pedagogic Tool used</td><td>Online quiz activity</td></tr><tr><td>Purpose of the tool used</td><td>To understand the concept of booting of system.</td></tr><tr><td>Remarks</td><td>All the students are effectively participated</td></tr><tr><td>Proof</td><td></td></tr></table> <p>Activity Topic 1:</p> <p>Discussion on booting of system, Quiz-Activity</p> <p>1) What is the first step in the booting process of a computer?</p> <ul style="list-style-type: none">A. Loading the operating system	No of Participants	58	Pedagogic Tool used	Online quiz activity	Purpose of the tool used	To understand the concept of booting of system.	Remarks	All the students are effectively participated	Proof	
No of Participants	58															
Pedagogic Tool used	Online quiz activity															
Purpose of the tool used	To understand the concept of booting of system.															
Remarks	All the students are effectively participated															
Proof																
3.	T.Divya	VCS336-Multicore Architecture	Group Activity	23	To compile and Running c programs in OpenMP											
4.	Mrs.K.Leelarani	VCS325-Application Development using Flutter	Online activity-Kahoot quiz	45	The purpose of conducting a Kahoot quiz in Flutter is to assess students' understanding of core Flutter concepts in an engaging way.											


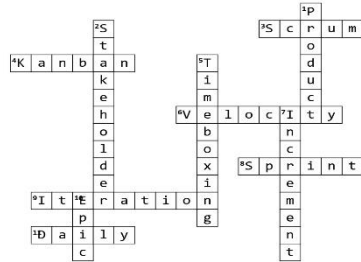
5.	Mrs.T.Divya	VCS321- Agile Project development with scrum	Think-Pair-Share	59	Defining Team interactions, ethics and design of Agility: Think-Pair-Share	<p>A1: Think-Pair-Share</p> <p>Think 🤔</p> <p>In Agile software development, team interaction, ethics, and design are fundamental to project success. Agile values individuals and interactions over processes and tools, ensuring collaboration and communication. Ethical behavior promotes trust and transparency, while agility in design allows systems to evolve efficiently with changing requirements.</p> <p>Pair 👥</p> <p>When team members discuss:</p> <ul style="list-style-type: none"> • Team Interactions: Cross-functional teams work in short iterations (sprints), practicing daily stand-ups, retrospectives, and sprint planning to maintain alignment. • Ethics: Agile promotes honesty, respect, openness ↓ and accountability. Team members must avoid blame
6.	Mrs.T.Divya	VCS321- Agile Project development with scrum	Seminar		Discussion on Agile knowledge sharing	 <p>GPS Map Camera</p> <p>Kamaraj College, Tamil Nadu, India Mxf7+9xg, Kamaraj College, Tamil Nadu 625701, India Lat 9.673273° Long 77.965221° 29/01/2025 10:29 AM GMT +05:30</p>


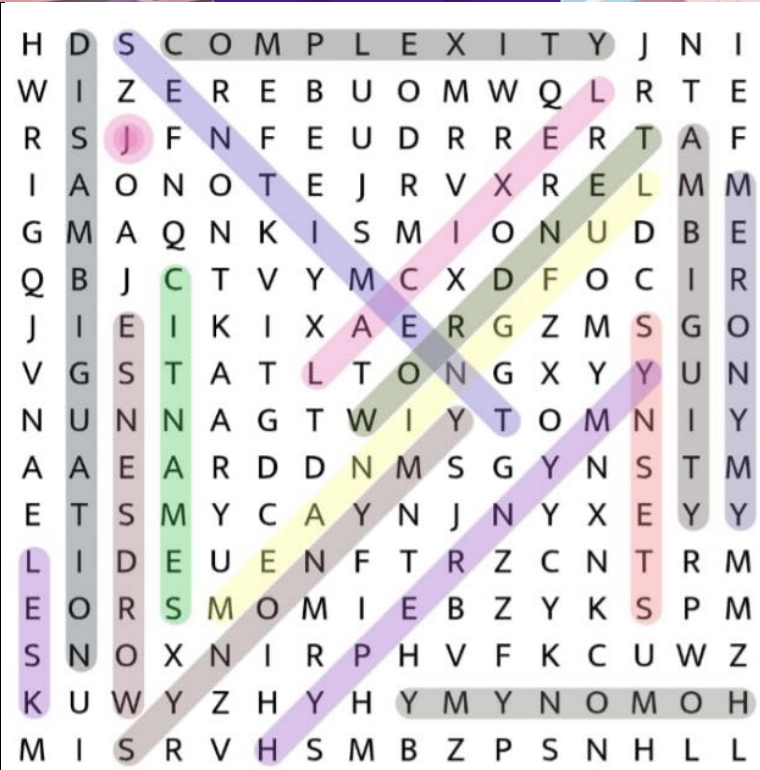
7.	T.Divya	VCS321- Agile Project development with scrum	A3: Puzzle	59	Generate the Puzzle based on the techniques of Feature Driven Development and Adaptive Software development	
8.	Mrs.K.Muthulakshmi	VCS342- Image Processing	Online Course – CISCO Thingbator	49	To understand image processing concepts in detail	

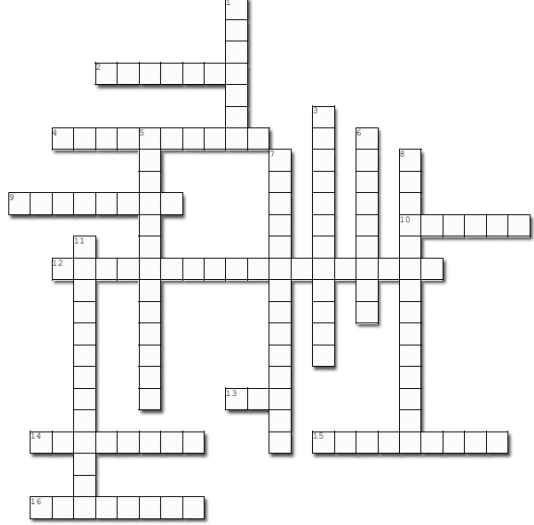
9.	Mrs.K.Muthula kshmi	CS2351- Theory of Computation and Compiler Design	Criss Cross Quiz	62	To understand the fundamental terms in Compiler design.	<p>CS2351 – THEORY OF COMPUTATION AND COMPILER DESIGN LABORATORY CLASS/SEMESTER: III CSE / VI SEM Criss Cross Quiz - Activity 1</p>  <p>ACROSS:</p> <p>1. An _____ converts high-level language into low-level machine language, just like a compiler.</p> <p>5. The _____ of Compiled programs are generally more than interpreted programs because the machine code produced by the compiler is optimized for the specific hardware platform on which it will run.</p> <p>6. The _____ also checks for other semantic errors, such as undeclared variables</p>
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11.	Dr.R.Ramya	CS2351- Theory of Computation and Compiler Design	Cross word Puzzle	62	To provide students with an opportunity to evaluate their knowledge and require students to pay attention to terminology as they need to spell each word correctly.	 
12.	Mr. S.Ram Prasath	AI2201 – Artificial Intelligence	Quiz Polling - Mentimeter	44	Clear knowledge about Local Searching Algorithm in AI (Informed & Un- Informed Search)	



13.	Mrs.S.Athi lakshmi	CS2252 – Design and Analysis of Algorithms	Quiz	52	To give the depth knowledge on introduction to design and analysis of algorithms	<div>Forms</div> <div>CS2252 - DESIGN AND ANALYSIS OF ALGORITHM-II-CSE-A - 2024-2025 EVEN - Saved</div> <div>← Back to questions</div> <div>Responses Overview Active</div> <div> <div>Responses</div> <div>52</div> </div> <div> <div>Average Score</div> <div>9.0</div> </div> <div> <div>Average Time</div> <div>02:46</div> </div> <div>1. What is an algorithm? (1 point)</div> <div>100% of respondents answered this question correctly.</div> <div> <ul style="list-style-type: none"> A problem 0 A solution to a problem that is not yet implemented 0 A step-by-step procedure for solving a problem or accomplishing a task 52 ✓ A programming language 0 </div> <div>100%</div>
14.	Mrs.S.Athi lakshmi	CS2252 – Design and Analysis of Algorithms	Worksheet (Fill the Gap)	59	To give more practice on algorithm design approaches	<div>Roll number: Section: CS2252 – Design and analysis of Algorithms Name:</div> <div>WORKSHEET: EXHAUSTIVE SEARCH</div> <div>1. Travelling salesman Problem using Exhaustive Search</div> <div>Given 4 cities with known distances between each pair, find the shortest tour that passes through all the cities exactly once before returning to the starting city (Hamiltonian Circuit).</div> <div>  <pre> graph TD a((a)) --- 2 b((b)) a --- 8 c((c)) a --- 5 d((d)) b --- 3 c b --- 4 d c --- 7 d </pre> </div>

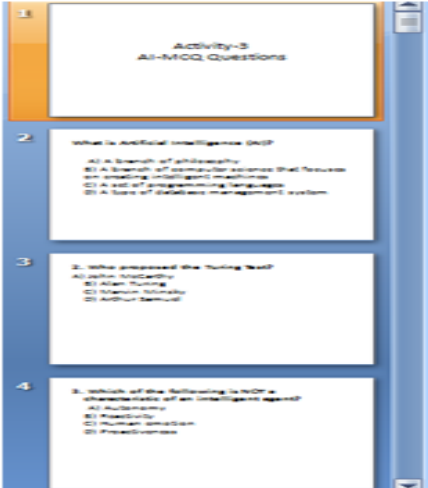

15.	Mrs.S.Athi lakshmi	CS2252 – Design and Analysis of Algorithms	Seminar	54	To enhance the practice of peer learning	
16.	Mrs.K.PRIYA DHARSHINI	VCS321- Agile Project development with scrum	A3: Puzzle	59	Generate the Puzzles based on important concepts in Agile Frame Work	<p>6/19/25, 12:10 PM</p> <p>Agile Project Management - Crossword Labs</p> <p>Agile Project Management</p>  <p>Across</p> <ol style="list-style-type: none"> Master Ensures the team follows Agile/Scrum practices and removes blockers. Board Visual board to track progress of tasks in columns like "To Do" and "Done." Measure of the amount of work a team completes during a Sprint. A fixed timebox (e.g. 2 weeks) to deliver a piece of working software. A short cycle where the team delivers part of the product. Standup A quick team meeting to discuss progress, blockers, and plans. <p>Down</p> <ol style="list-style-type: none"> Owner Owns the backlog and ensures the team delivers business value. Someone with interest in the product outcome, often gives feedback. Allocating a fixed amount of time to an activity, like meetings or sprints. A working product or feature added after each iteration. A large user story broken into smaller stories. <p>https://crosswordlabs.com/view/agile-project-management</p> <p>1/1</p>

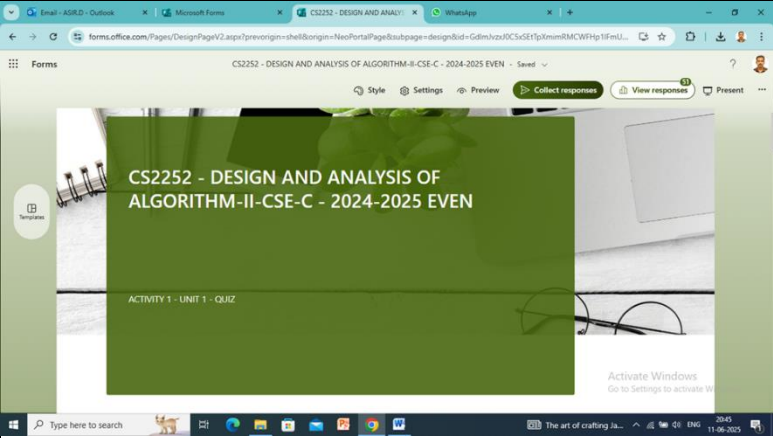
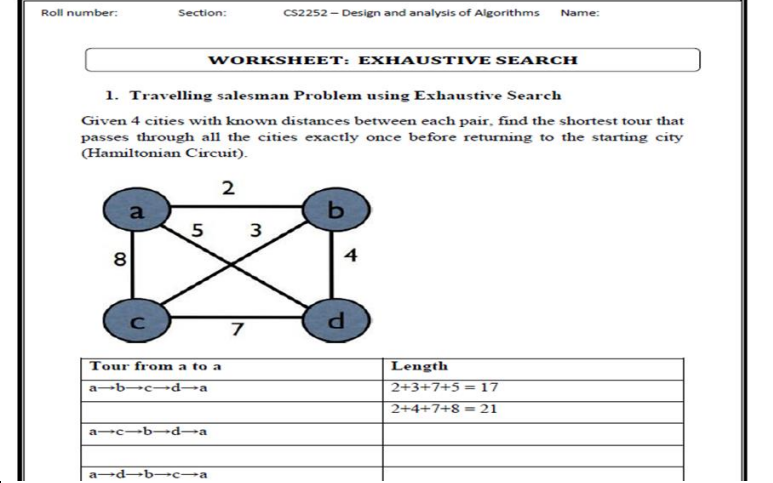
17.	Mrs.X. Ignatius Selvarani	VCS323- Rest Framework for Business Applications	Online Quiz	51	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated	
18.	Mrs.X. Ignatius Selvarani	VCS315- Natural Language Processing Essentials	Word Serach	27	To improve the brain activity of the student	

19.	Mrs.X. Ignatius Selvarani	VCS315- Natural Language Processing Essentials	Crossword Puzzle	27	To encourage the students to recollect the word level Analysis concepts	 <p>Created using the Crossword Maker on TheTeachersCorner.n</p> <p>Across</p> <p>2. A lexical database for the English language 4. A common evaluation metric for language models that compares predicted text to actual text 9. A relationship between a word and its broader category 10. A set of synonyms in WordNet 12. The task of identifying the sentiment expressed in a piece of text 13. The act of determining the meaning of a word in context 14. A relationship where words have opposite meanings 15. The study of meaning in language 16. Words that have similar meanings</p> <p>Down</p> <p>1. A framework for generating human-like text responses 3. The first step in analyzing text, often involving splitting into sentences or words 5. The technique used to reduce a word to its base form 6. A type of hierarchical relationship in WordNet 7. A model that predicts the next word in a sentence 8. The process of categorizing words by their meanings 11. The process of converting text into numerical vectors</p>
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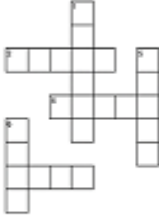


20.	M.Mohana	AI2201- Artificial Intelligence	Word Search	58	To improve the brain activity of the student	<div><div><div><div><div>ARTIFICIAL INTELLIGENCE</div><div>WORD SEARCH</div></div><div><div><div><div>INSTRUCTIONS</div><div>FIND 9 EXPRESSIONS RELATED TO ARTIFICIAL INTELLIGENCE. THE EXPRESSIONS WILL APPEAR EITHER VERTICALLY OR HORIZONTALLY WITHIN THE WORD SEARCH PUZZLE.</div></div><div><table><tr><td>C</td><td>W</td><td>R</td><td>T</td><td>I</td><td>O</td><td>P</td><td>S</td><td>V</td><td>A</td><td>R</td><td>B</td><td>N</td><td>O</td><td>E</td></tr><tr><td>J</td><td>L</td><td>R</td><td>C</td><td>E</td><td>P</td><td>T</td><td>P</td><td>Y</td><td>U</td><td>I</td><td>S</td><td>B</td><td>F</td><td>H</td></tr><tr><td>M</td><td>A</td><td>C</td><td>H</td><td>I</td><td>N</td><td>E</td><td>L</td><td>E</td><td>A</td><td>R</td><td>N</td><td>I</td><td>N</td><td>G</td></tr><tr><td>U</td><td>K</td><td>Z</td><td>A</td><td>S</td><td>E</td><td>Y</td><td>F</td><td>C</td><td>O</td><td>X</td><td>E</td><td>G</td><td>O</td><td>E</td></tr><tr><td>R</td><td>A</td><td>U</td><td>T</td><td>G</td><td>U</td><td>L</td><td>M</td><td>K</td><td>W</td><td>L</td><td>N</td><td>O</td><td>D</td><td>K</td></tr><tr><td>O</td><td>V</td><td>L</td><td>B</td><td>C</td><td>R</td><td>O</td><td>U</td><td>N</td><td>I</td><td>B</td><td>U</td><td>A</td><td>P</td><td>C</td></tr><tr><td>B</td><td>R</td><td>F</td><td>O</td><td>I</td><td>A</td><td>U</td><td>T</td><td>N</td><td>L</td><td>P</td><td>G</td><td>T</td><td>C</td><td>T</td></tr><tr><td>O</td><td>H</td><td>O</td><td>T</td><td>H</td><td>L</td><td>P</td><td>R</td><td>O</td><td>L</td><td>V</td><td>Y</td><td>A</td><td>K</td><td>P</td></tr><tr><td>T</td><td>B</td><td>K</td><td>T</td><td>O</td><td>N</td><td>J</td><td>O</td><td>J</td><td>O</td><td>E</td><td>S</td><td>O</td><td>F</td><td>J</td></tr><tr><td>I</td><td>N</td><td>P</td><td>O</td><td>E</td><td>E</td><td>P</td><td>L</td><td>E</td><td>A</td><td>R</td><td>N</td><td>I</td><td>N</td><td>G</td></tr><tr><td>C</td><td>O</td><td>I</td><td>R</td><td>X</td><td>T</td><td>A</td><td>L</td><td>N</td><td>L</td><td>S</td><td>Z</td><td>A</td><td>B</td><td>T</td></tr><tr><td>S</td><td>I</td><td>T</td><td>F</td><td>A</td><td>W</td><td>M</td><td>U</td><td>T</td><td>P</td><td>S</td><td>T</td><td>H</td><td>I</td><td>I</td></tr><tr><td>Y</td><td>V</td><td>L</td><td>H</td><td>E</td><td>O</td><td>I</td><td>C</td><td>B</td><td>P</td><td>J</td><td>K</td><td>I</td><td>O</td><td>O</td></tr><tr><td>P</td><td>A</td><td>L</td><td>G</td><td>O</td><td>R</td><td>I</td><td>T</td><td>H</td><td>M</td><td>O</td><td>R</td><td>L</td><td>T</td><td>T</td></tr><tr><td>J</td><td>O</td><td>I</td><td>L</td><td>I</td><td>K</td><td>F</td><td>R</td><td>C</td><td>Y</td><td>S</td><td>U</td><td>A</td><td>G</td><td>K</td></tr></table></div><div><div>NEED HELP?</div><div>USE THE DEFINITIONS ON THE FOLLOWING PAGE TO HELP YOU. THERE ARE 2 EXPRESSIONS WHICH ARE ACRONYMS.</div></div></div><div><div>© https://brainiacworksheets.com/</div></div></div></div></div></div>	C	W	R	T	I	O	P	S	V	A	R	B	N	O	E	J	L	R	C	E	P	T	P	Y	U	I	S	B	F	H	M	A	C	H	I	N	E	L	E	A	R	N	I	N	G	U	K	Z	A	S	E	Y	F	C	O	X	E	G	O	E	R	A	U	T	G	U	L	M	K	W	L	N	O	D	K	O	V	L	B	C	R	O	U	N	I	B	U	A	P	C	B	R	F	O	I	A	U	T	N	L	P	G	T	C	T	O	H	O	T	H	L	P	R	O	L	V	Y	A	K	P	T	B	K	T	O	N	J	O	J	O	E	S	O	F	J	I	N	P	O	E	E	P	L	E	A	R	N	I	N	G	C	O	I	R	X	T	A	L	N	L	S	Z	A	B	T	S	I	T	F	A	W	M	U	T	P	S	T	H	I	I	Y	V	L	H	E	O	I	C	B	P	J	K	I	O	O	P	A	L	G	O	R	I	T	H	M	O	R	L	T	T	J	O	I	L	I	K	F	R	C	Y	S	U	A	G	K
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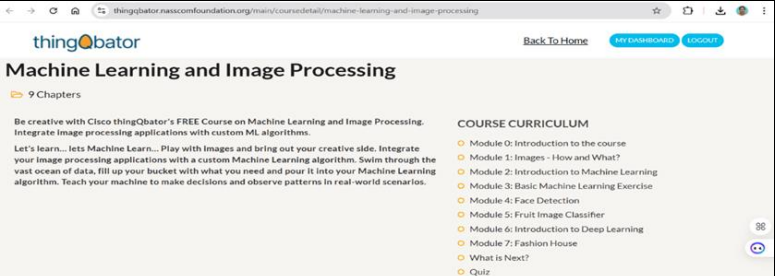
21.	M.Mohana	AI2201- Artificial Intelligence	Word Search	58	To improve the brain activity of the student	 <p>Artificial Intelligence Word Search</p> <p> Artificial Intelligence Computer Human Information Machine Learning Devices </p> <p> Technology Computer Scientist Robots Algorithm Senses Programming Robotics </p>
22.	M.Mohana	AI2201- Artificial Intelligence	Seminar	58	To enhance the practice of peer learning	 <p> Introduction to Artificial Intelligence Artificial Intelligence is a branch of computer science that deals with the creation of machines that can perform tasks that would normally require human intelligence. </p> <p> 2025/03/10 11:54 Chittoor, Tamil Nadu, India MXF7+9XG, Chittoor, Tamil Nadu 625701, India Lat 9.673423 Long 77.964654 </p>

23.	M.Mohana	AI2201- Artificial Intelligence	MCQ Questions	58	To explore acquired knowledge	
24.	G.Rohinipriya	CS2251 - Database Management Systems	Online Quiz	57	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated	 <p>Chittoor, Tamil Nadu, India Mxf7+9xg, Chittoor, Tamil Nadu 625701, India Lat 9.673479° Long 77.96489° 18/03/2025 03:53 PM GMT +05:30</p>

25.	Mr. D. Asir	CS2252 – Design and Analysis of Algorithms	Quiz	51	To give the depth knowledge on introduction to design and analysis of algorithms	
26.	Mr. D. Asir	CS2252 – Design and Analysis of Algorithms	Worksheet (Fill the Gap)	52	To give more practice on algorithm design approaches	

27.	G.Rohinipriya	CS2251 - Database Management Systems	Crossword Puzzle	58	To encourage the students to recollect the word level Analysis concepts	<div><div><div>A</div><div>T</div><div>A</div><div>D</div><div>R</div><div>H</div><div>H</div><div>A</div><div>E</div><div>L</div><div>W</div><div>P</div><div>N</div><div>Z</div><div>P</div><div>A</div><div>M</div><div>O</div></div><div><div>W</div><div>X</div><div>L</div><div>B</div><div>S</div><div>N</div><div>I</div><div>C</div><div>R</div><div>C</div><div>X</div><div>I</div><div>D</div><div>R</div><div>T</div><div>K</div><div>G</div><div>E</div></div><div><div>T</div><div>D</div><div>M</div><div>M</div><div>N</div><div>R</div><div>H</div><div>G</div><div>M</div><div>F</div><div>X</div><div>A</div><div>S</div><div>R</div><div>I</div><div>F</div><div>S</div><div>G</div><div>K</div></div><div><div>D</div><div>M</div><div>H</div><div>U</div><div>B</div><div>V</div><div>E</div><div>A</div><div>V</div><div>A</div><div>E</div><div>M</div><div>C</div><div>M</div><div>O</div><div>E</div><div>T</div><div>M</div><div>Z</div><div>V</div></div><div><div>I</div><div>F</div><div>J</div><div>S</div><div>C</div><div>Z</div><div>H</div><div>S</div><div>Y</div><div>Q</div><div>H</div><div>D</div><div>L</div><div>B</div><div>K</div><div>F</div><div>N</div><div>Q</div><div>E</div><div>C</div></div><div><div>S</div><div>A</div><div>R</div><div>Z</div><div>G</div><div>M</div><div>F</div><div>X</div><div>M</div><div>X</div><div>N</div><div>L</div><div>B</div><div>E</div><div>M</div><div>K</div><div>I</div><div>Z</div><div>F</div><div>S</div><div>R</div></div><div><div>N</div><div>H</div><div>C</div><div>Z</div><div>H</div><div>S</div><div>Y</div><div>Q</div><div>H</div><div>D</div><div>L</div><div>B</div><div>K</div><div>F</div><div>N</div><div>Q</div><div>E</div><div>C</div><div>Z</div><div>H</div></div><div><div>Q</div><div>X</div><div>L</div><div>B</div><div>S</div><div>N</div><div>I</div><div>C</div><div>R</div><div>C</div><div>X</div><div>I</div><div>D</div><div>R</div><div>T</div><div>K</div><div>G</div><div>E</div></div><div><div>T</div><div>D</div><div>M</div><div>M</div><div>N</div><div>R</div><div>H</div><div>G</div><div>M</div><div>F</div><div>X</div><div>A</div><div>S</div><div>R</div><div>I</div><div>F</div><div>S</div><div>G</div><div>K</div></div><div><div>D</div><div>M</div><div>H</div><div>U</div><div>B</div><div>V</div><div>E</div><div>A</div><div>V</div><div>A</div><div>E</div><div>M</div><div>C</div><div>M</div><div>O</div><div>E</div><div>T</div><div>M</div><div>Z</div><div>V</div></div><div><div>I</div><div>F</div><div>J</div><div>S</div><div>C</div><div>Z</div><div>H</div><div>S</div><div>Y</div><div>Q</div><div>H</div><div>D</div><div>L</div><div>B</div><div>K</div><div>F</div><div>N</div><div>Q</div><div>E</div><div>C</div></div><div><div>S</div><div>A</div><div>R</div><div>Z</div><div>G</div><div>M</div><div>F</div><div>X</div><div>M</div><div>X</div><div>N</div><div>L</div><div>B</div><div>E</div><div>M</div><div>K</div><div>I</div><div>Z</div><div>F</div><div>S</div><div>R</div></div><div><div>N</div><div>H</div><div>C</div><div>Z</div><div>H</div><div>S</div><div>Y</div><div>Q</div><div>H</div><div>D</div><div>L</div><div>B</div><div>K</div><div>F</div><div>N</div><div>Q</div><div>E</div><div>C</div><div>Z</div><div>H</div></div><div><div>Q</div><div>X</div><div>L</div><div>B</div><div>S</div><div>N</div><div>I</div><div>C</div><div>R</div><div>C</div><div>X</div><div>I</div><div>D</div><div>R</div><div>T</div><div>K</div><div>G</div><div>E</div></div><div><div>T</div><div>D</div><div>M</div><div>M</div><div>N</div><div>R</div><div>H</div><div>G</div><div>M</div><div>F</div><div>X</div><div>A</div><div>S</div><div>R</div><div>I</div><div>F</div><div>S</div><div>G</div><div>K</div></div><div><div>D</div><div>M</div><div>H</div><div>U</div><div>B</div><div>V</div><div>E</div><div>A</div><div>V</div><div>A</div><div>E</div><div>M</div><div>C</div><div>M</div><div>O</div><div>E</div><div>T</div><div>M</div><div>Z</div><div>V</div></div><div><div>I</div><div>F</div><div>J</div><div>S</div><div>C</div><div>Z</div><div>H</div><div>S</div><div>Y</div><div>Q</div><div>H</div><div>D</div><div>L</div><div>B</div><div>K</div><div>F</div><div>N</div><div>Q</div><div>E</div><div>C</div></div><div><div>S</div><div>A</div><div>R</div><div>Z</div><div>G</div><div>M</div><div>F</div><div>X</div><div>M</div><div>X</div><div>N</div><div>L</div><div>B</div><div>E</div><div>M</div><div>K</div><div>I</div><div>Z</div><div>F</div><div>S</div><div>R</div></div><div><div>N</div><div>H</div><div>C</div><div>Z</div><div>H</div><div>S</div><div>Y</div><div>Q</div><div>H</div><div>D</div><div>L</div><div>B</div><div>K</div><div>F</div><div>N</div><div>Q</div><div>E</div><div>C</div><div>Z</div><div>H</div></div><div><div>Q</div><div>X</div><div>L</div><div>B</div><div>S</div><div>N</div><div>I</div><div>C</div><div>R</div><div>C</div><div>X</div><div>I</div><div>D</div><div>R</div><div>T</div><div>K</div><div>G</div><div>E</div></div><div><div>T</div><div>D</div><div>M</div><div>M</div><div>N</div><div>R</div><div>H</d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29.	S.Janani	CS2252 – Design and Analysis of Algorithms	Crossword Puzzle	55	To memorize the key terms with definition	<p>GREEDY TECHNIQUE CROSSWORD</p>  <p>Across</p> <ol style="list-style-type: none"> 1. Algorithm for constructing optimal codes in data compression (7) 3. Technique that picks the most promising option at each step 5. Greedy algorithm used for finding shortest path in a graph (6) 7. Greedy method for job assignment to minimize total cost <p>Down</p> <ol style="list-style-type: none"> 2. Greedy solution for currency distribution, e.g. coin problem (4) 4. Famous greedy algorithm to solve minimum spanning tree (8) 6. Type of solution greedy algorithms try to reach (7)
30.	E.Vijayalakshmi	VCS347- Digital Marketing	Seminar	51	To enhance the practice of seminar presentation and knowledge sharing.	
31.	G.Sundararaju	VCS316 Information retrieval	Natural language processing libraries	62	Presentation to motivate students to learn NLP -- Introduction To NLP and library like Gensim	

32.	G.Sundararaju	VCS313 Image analysis and computer vision	CISCO Thingbator online course	39	To understand image processing concepts in detail	 <p>thingbator</p> <p>Machine Learning and Image Processing</p> <p>9 Chapters</p> <p>Be creative with Cisco thingbator's FREE Course on Machine Learning and Image Processing. Integrate image processing applications with custom ML algorithms.</p> <p>Let's learn... lets Machine Learn... Play with Images and bring out your creative side. Integrate your image processing applications with a custom Machine Learning algorithm. Swim through the vast ocean of data, fill up your bucket with what you need and pour it into your Machine Learning algorithm. Teach your machine to make decisions and observe patterns in real-world scenarios.</p> <p>COURSE CURRICULUM</p> <ul style="list-style-type: none"> Module 0: Introduction to the course Module 1: Images - How and What? Module 2: Introduction to Machine Learning Module 3: Basic Machine Learning Exercise Module 4: Face Detection Module 5: Fruit Image Classifier Module 6: Introduction to Deep Learning Module 7: Fashion House What is Next? Quiz
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