








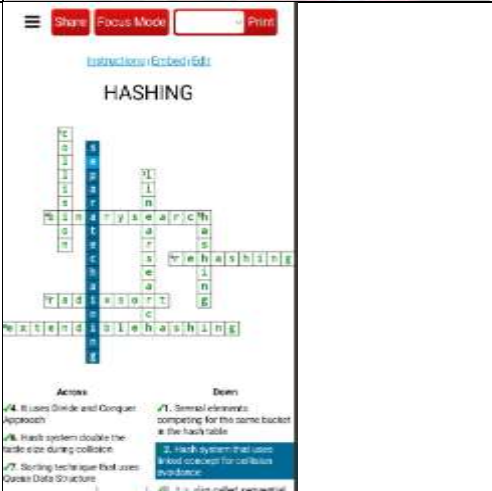
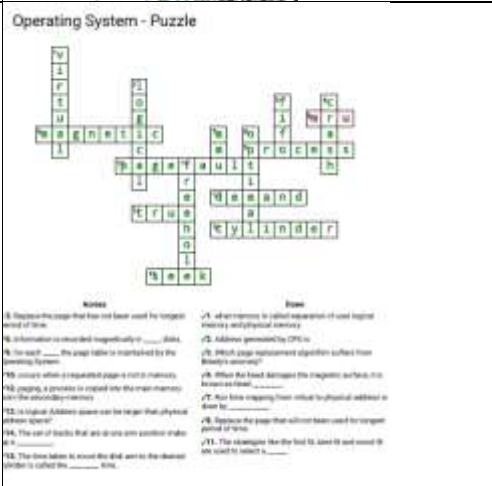
Active Learning Methods Followed in Class Room Teaching



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)
Department of Computer Science and Engineering						
2022 – 2023 [ODD]						
1	Dr.A.Anandh	IT1571 – Computer Networks	Crossword Puzzle	52	To improve the basic concept knowledge level of the student	

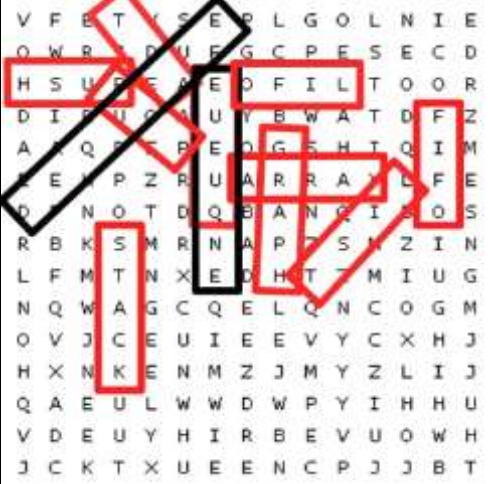
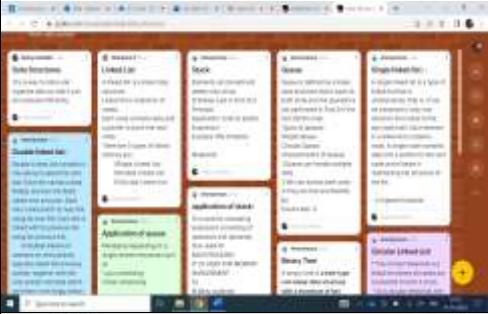
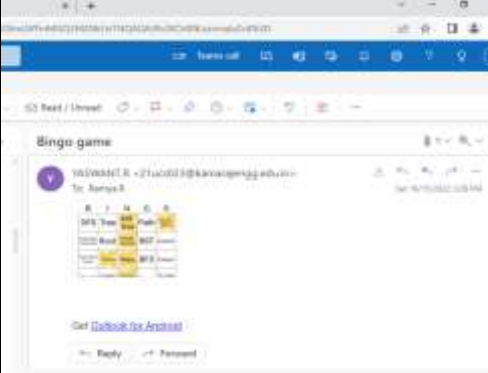
2	S. Janani	CS8792 - Cryptography and Network Security	Quizizz	20	To recollect the knowledge gained and stimulate their interest in the particular concept	 <table border="1"> <thead> <tr> <th>Qn.</th> <th>Options</th> <th>Time</th> <th>Score</th> <th>Correct</th> <th>Incorrect</th> <th>Marked</th> <th>Flagged</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>2</td> <td>none of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>3</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>4</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>5</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>6</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>7</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>8</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>10</td> <td>all of them are the same (for authentication)</td> <td>1:00</td> <td>0%</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Qn.	Options	Time	Score	Correct	Incorrect	Marked	Flagged	1	all of them are the same (for authentication)	1:00	0%	0	1	0	0	2	none of them are the same (for authentication)	1:00	0%	0	1	0	0	3	all of them are the same (for authentication)	1:00	0%	0	1	0	0	4	all of them are the same (for authentication)	1:00	0%	0	1	0	0	5	all of them are the same (for authentication)	1:00	0%	0	1	0	0	6	all of them are the same (for authentication)	1:00	0%	0	1	0	0	7	all of them are the same (for authentication)	1:00	0%	0	1	0	0	8	all of them are the same (for authentication)	1:00	0%	0	1	0	0	9	all of them are the same (for authentication)	1:00	0%	0	1	0	0	10	all of them are the same (for authentication)	1:00	0%	0	1	0	0
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Crossword Puzzle	53	To improve memorization of key concepts	 <p>Crossword Puzzle</p> <p>1. Basic of transmission of message application</p> <p>2. A public function that maps a message of any length into a fixed length hash value, which serves as the ciphertext.</p> <p>3. The client's choice for an encryption key to use to protect the message.</p> <p>4. A public key used to encrypt a message.</p> <p>5. A public key used to decrypt a message.</p> <p>6. A public key used to encrypt a message.</p> <p>7. A public key used to decrypt a message.</p> <p>8. A public key used to encrypt a message.</p> <p>9. A public key used to decrypt a message.</p> <p>10. A public key used to encrypt a message.</p>																																																																																											



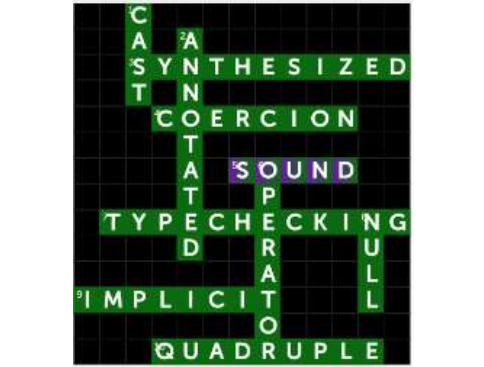
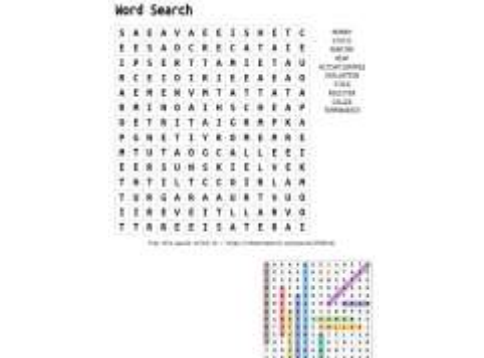
			Poster Making	53	To acquire quick glance of the topic	
3	S.Athilakshmi	CS2202 – Object Oriented Programming using JAVA	Scramble word	62	To improve memorization of key concepts	
			Quizz & Kahoot	62	To recollect the knowledge gained in main concepts	




			Crossword Puzzle	62	To improve memorization of key concepts	
4	P.KAVITHA	IT2201 – Computer Organization and Architecture	Quiz conducted in educaply	59	To improve the terminologies	
		AD1503 – Object Oriented Programming using Java	Just in Time	34	To improve the memorization of topic	
5	K.Indumathi	AI2202-Data Structures and Algorithms	Quiz	62	To recollect the knowledge gained and stimulate their interest in the particular concept	


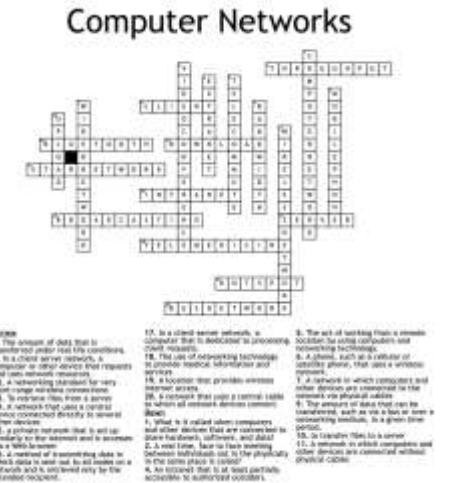
		AI2202-Data Structures and Algorithms	Mini Project/Seminar	62		
		AI2202-Data Structures and Algorithms	Crossword Puzzle	62	To improve memorization of key concepts	
		CS2203-System Software and Operating System	Crossword Puzzle	62	To improve memorization of key concepts	




			Seminar	62	To understand the knowledge of the concepts																
			Worksheet	62	To Practice the knowledge gained in main concepts	<p>CPU Scheduling Schemes:</p> <ul style="list-style-type: none"> Non-Preemptive Scheduling: Under non-preemptive scheduling, once the CPU has been allocated to a process, the process keeps the CPU until it either: the CPU either by terminating or by reaching to the waiting state. Preemptive Scheduling: In this type of scheduling, the tasks are usually assigned with priorities. At times it is necessary to run a certain task that has a higher priority before another task although it is running. Therefore, the running task is interrupted for some time and resumed later when the priority task has finished its execution. <p>CPU Scheduling Algorithms:</p> <ul style="list-style-type: none"> First Come First Served Scheduling (FCFS) Shortest Job First Scheduling (SJF) <ul style="list-style-type: none"> Preemptive is called as Shortest Remaining Time First Scheduling Priority Scheduling (PS) Round Robin Scheduling (RR) <p>Problems:</p> <p>1) Calculate Average waiting time and Average turnaround time for the given example</p> <table border="1" data-bbox="1727 855 1957 943"> <thead> <tr> <th>Process</th> <th>Start Time</th> <th>Priority</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>0</td> <td>2</td> </tr> <tr> <td>P2</td> <td>4</td> <td>4</td> </tr> <tr> <td>P3</td> <td>6</td> <td>1</td> </tr> <tr> <td>P4</td> <td>1</td> <td>3</td> </tr> </tbody> </table> <p>Average Waiting Time =</p> <p>Average Turnaround Time =</p>	Process	Start Time	Priority	P1	0	2	P2	4	4	P3	6	1	P4	1	3
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			Hardware Troubleshooting – One Day Workshop	62	Good practice to understand the concept very easily with the help of technicians																

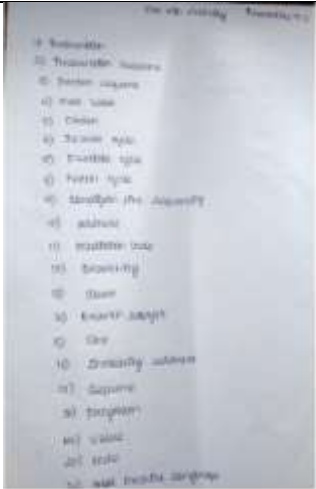
6	R.Ramya	CS2201 – Data Structures using Python	Word Search Puzzle	63	To improve memorization of key concepts	
			Padlet	63	To recall the important terms	
			Bingo on Keywords	63	To recollect the knowledge gained and stimulate their interest in the particular concept	



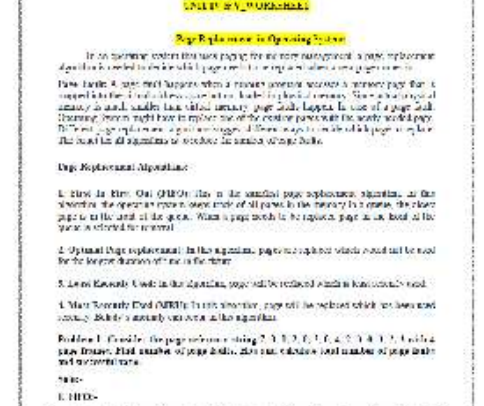
			Criss Cross Quiz	63	To recollect the knowledge gained and stimulate their interest in the particular concept	
			Seminar	63	Peer Learning	
7	Mrs.R.Indhuja	CS1502- THEORY OF COMPUTATI ON AND COMPILER DESIGN	Criss Cross Quiz	54	To understand the knowledge of the concepts	
			Word Search	54	To improve memorization of important concepts	


			Padlet activity	54	To recall the important terms	
Mrs.R.Indhuja	AD1533-SOFT COMPUTING	Word Search		45	To improve memorization of important concepts	
		Criss Cross Quiz		45	To understand the knowledge of the concepts	

			<p>Padlet activity</p>	<p>45</p>	<p>To recall the important terms</p>	
<p>8</p>	<p>Dr.G.Uma Maheswari</p>	<p>Computer Networks IT1571</p>	<p>Crossword Puzzle 1</p>	<p>54</p>	<p>To improve the basic concept knowledge level of the student</p>	

		Computer Networks IT1571	Crossword Puzzle 2	54	To improve the basic concept knowledge level of the student	 <p>Across</p> <p>3. One networking hardware used to connect one network device to other network devices or to connect two or more computers to share printers, scanners etc.</p> <p>4. Is the name of a popular wireless networking technology that uses radio waves to provide wireless high-speed Internet and network connections.</p> <p>8. When a powerful computer is a hub to less powerful personal computers are connected.</p> <p>7. A data transmission network using packet switching.</p> <p>9. Is internet's system for converting alphabetic names into numeric IP addresses.</p> <p>10. Is a networking device that forwards data packets between computer networks.</p> <p>11. Is an organization that provides services accessing and using the internet.</p> <p>Down</p> <p>1. Is a piece of computer hardware or software that accesses a service made available by a server.</p> <p>2. A set of rules to exchange messages with other Internet points.</p> <p>5. A unique string of numbers that identifies each computer.</p> <p>6. The way in which parts are arranged.</p>
9	Ms. S. Jothi Lakshmi	CS8791-Cloud computing	Word puzzle	53	To improve the basic concept knowledge level of the student	 <p>10/11/2019</p> <p>1. The addresser helps to see how error is</p> <p>2. WHO is the creator of _____ and _____</p> <p>3. One way to stop _____ is _____</p> <p>4. Operating system for the computer is _____</p> <p>5. _____ is the name of the first computer virus</p> <p>6. _____ is the name of the first computer virus</p> <p>7. _____ is the name of the first computer virus</p> <p>8. _____ is the name of the first computer virus</p> <p>9. _____ is the name of the first computer virus</p> <p>10. _____ is the name of the first computer virus</p> <p>11. _____ is the name of the first computer virus</p> <p>12. _____ is the name of the first computer virus</p> <p>13. _____ is the name of the first computer virus</p> <p>14. _____ is the name of the first computer virus</p> <p>15. _____ is the name of the first computer virus</p>
			Quizizz	9	To recollect the knowledge gained and stimulate their interest in the particular concept	

10	Dr.G.Mahalakshmi	AD1502- Networks and Security	Seminar	45	Peer Learning	
			Seminar	45	Peer Learning	
	IT1371 – Computer Organization and Architecture	One Minute Paper Activity	22	To improve memorization of important keywords		

11	Mrs.V.Sangeetha	(II ADS) CS2203-System Software and Operating System	Cross Word Puzzle	62	To improve memorization of key concepts	
			Seminar	62	To understand the knowledge of the concepts	
			Worksheet	62	To Practice the knowledge gained in main concepts	

			Role Play	62	To understand the concept	
			Quizalize	62	To recollect the knowledge gained and stimulate their interest in the particular concept	