

## Department of Computer Science and Engineering <u>Active Learning Methods Followed in Class Room Teaching</u> 2023 – 2024 [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 the tool used	Proof(photos)
1.	A.Anandh	CS2302 – Introduction to Internet of Things	Kahoot Quiz	63	It enhances a student's learning. Also, it makes it fun and interactive, keeping participants engaged and motivated.	Committee and the committee an
2.	A.Anandh	CS2302 – Introduction to Internet of Things	Seminar Presentation	63	To improve the presentation skills of the students and refresh the concepts.	Research  - In the second seco

3.	A.Anandh	CS2302 – Introduction to Internet of Things	Word Search	63	To understand the basic definition of the keywords associated with IoT.	WITH P N S M E T E R I N O T E E R I S I E Y O O O N T H E R D I I S I E Y O O O N T H E R D I I S I E Y O O O N T H E R D I I S I E Y T P U B R Y W D W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I E Y W R H I I I S I I E Y W R H I I I S I I E Y W R H I I I S I I E Y W R H I I I S I I E Y W R H I I I S I I E Y W R H I I I S I I E Y W R H I I I S I I E Y W R H I I I I S I I E Y W R H I I I I I I I I I I I I I I I I I I
4.	A.Anandh	CS2302 – Introduction to Internet of Things	Cross Word Puzzle	63	To understand the basic information and key concepts about IoT.	Sensor Types - Crossword puzzle  ACMST - PAGE  ACMST - PAG
2.	J.Lavanya	VCS322- Software Testing and Quality Assurance	Seminar	45	To share their views about the different testing tools	

6.	CS2201- Data Structures using Python	Think pair share	62	To understand the concepts of Sorting methods	
3.	IT2201 – Computer Organization and Architecture	One Minute Paper	62	To assess the students what the most important thing they have learnt in the class	hitos Namery address socialismo socialismo socialismo aperation aperation aperation aperation aperation aperation aperation aperation aperation according to the hale architecture.  To the hale architecture.  To the following titlle-Fudion.  Neuth processor.  Neuth processor.  Neuth mo computer.  Neuthit mo mat me unumb
8	IT2201 — Computer Organization and Architecture	Running Simulator	62	To make the students to understand data hazards	\$19.9 PM

			Cross Word Puzzle	62	To improve logical thinking of the students	Activities — Sequence of the s
4.	Mrs.V.Sangeetha	AI2301-Big Data Tools and Techniques (III ADS)	Quizalize-Quiz	62	To improve the Memory power of the students	Students to play go to 251sh and type  Strattenger  2nd attempt  A3 players total  1 A7A MADES  20/20  1 ANA MADES  20/20  1 ANA MADES  20/20

		Word Search	62	To improve the brain activity of the students	Name
	VCS321-Agile Project Development	Think, Pair and Share	19	To improve the content delivery of the students	
Mrs.V.Sangeetha	with SCRUM (III CSE A& B)	Quiz in Quizalize	22	To improve the Memory of the students	AGRE VEXICAL DEVOLO 10 or stronge 20 or allowed.  1

			Certification Course	22	To improve the idea about Agile in detail for the students	COURSE COMPLETION CERTIFICATE  The certificate is awarded to  Sangeetha K for successfully completing the course  Agile and DevOpts Adopting Agile Methodology on September 20, 2033  Infosys   Springboard Congratulations! You make us proud!  Congratulations! You make us proud!
			Listen and Build	22	Ability to perform effectively as a Team	
5.	Mrs.X.Ignatius Selvarani	CS2302 - Introduction to Internet of Things	Crossword Puzzle	62	To recall the Sensor fundamentals and types of sensors in Internet of Things.	(52382 - 9n least of Thay,  PUZZIBANTED  COLOT TOOL CONTROLLS  Sensor Types - Crossword puzzle  PYTHON  E = 0 U R E  PH   R   R   R    R   R   R   R    R   R

			Simulation of IoT application by Skit	62	To discuss about the designing of applications using IoT components for the given case studies.  Chittoor, Tamil Nadu, India MXF7-8XG, Chittoor, Tamil Nadu 626701, India Lat 9.6734582 Long 77.965238* 01/11/23 12:38 PM GMT +05:30
	Mrs.X.Ignatius	CS2203 / System	Online Quiz	62	To recall the System Software fundamentals and basics of Operating Systems.
11	Selvarani	Software and Operating Systems	Seminar	62	To help the students to gain information and improve their confidents on the particular topic.  Chittoor, Tamil Nadu, India MXF7-8XG, Chittoor, Tamil Nadu 625701, India Lat 9.6734579 Long 77.963466* 01/11/23 01:43 PM GMT + 05:30

			Seminar	59	To improve the presentation skills of the students and refresh the concepts.			
6.	Mrs.K.Indumathi	Operating	System Software and Operating	System Software and	Crossword Puzzle	59	To understand the basic information and key concepts in operating system	Operating System - Puzzle    V
		Systems	Worksheet	59	To make and access the students to understand CPU Scheduling	CS2201-System Software and Operating Systems - Unit 2 - Work Sheet - CPU Scheduling  LNT II WORKSHEE  CPU Scheduling Algorithms in Operating Systems  Objectives of Process Scheduling Algorithm  - Maximum CPU stillations [Resp CPU in Young as possible] Fair allocation of CPU.  - Maximum throughput [Number of processes that complete their execution per time unit]  - Maximum throughput [Number of processes that complete their execution per time unit]  - Maximum numbroad time [Time taken by a process for faith execution]  - Maximum numbroad time [Time a process waits in ready quess]  - Maximum responses time [Time a species arives in the ready quess.  - Completion Time. Time at which the process completes in execution.  - Barri Time. Time are which process for CPU execution.  - Tarra Around Time. Time are Opinion Time - Arrival Time.  - Waiting Time - Completion Time - Arrival Time  - Waiting Time - Turn Around Time - Barri Time  - Waiting Time - Turn Around Time - Barri Time  - Waiting Time - Turn Around Time - Barri Time		

	CS2201-Data Structures using Python	Seminar	62		
K.Indumat	thi	Online Quiz	62	To recall fundamental concepts in Data Structures	DATA STRUCTURES  A house mid-state of data shows when the town relate is given by sower all primers is suffer?  U shall be related to the basis of the state of state of the s
		Online quiz	62	To recall basic concepts in Trees	Links and signs will be then for the with 18 nodes?  If A Link E U E  Links many edges will be then for the with 18 nodes?  If A Link E U E  Links many edges will be then for the with 18 nodes?  If A NODES AND IN THE STATE AND

		CS2203- SYSTEM SOFTWARE AND OPEARTING SYSTEMS	ONLINE QUIZ	62	To know what and how much they have understood about a subject	Section   Sect
7.	R.Indhuja		CROSS WORD PUZZLE	62	Practicing and improving students' reading skills like scanning, decoding, and improving word recognition.	ACROSS ->  ACROSS ->  Dofum district intervency  Across district control received programs of the following section of the control received programs of the control r
	R.INDHUJA	AI2303- FUNDAMEN TALS OF DEEP LEARNING	ONLINE QUIZ	62	To know what and how much they have understood about a subject	The Automotion Section 1992  The Automotion Section 1992  The Automotion

			WORD SEARCH ACTIVITY	62	To reinforce vocabulary students are learning through reading	SOFTMAXEOKHFD BCCZJDIOUULPZ TEORJULPSAJAU SRSNMAOVTPPDT ZNWEVSSTAIODN MOBVWOEMFNOIK LIKVCNLELFLNL VSLDVAAUIYIGU BNUFWTULTPNGA CEWXUUTVSIGIS IMWRREOXKQOYB KIEJRKERNALNA GDZWCVQNXNQKL  SOFTMAX MAP DIMENSION CONVOLUTION FEATURE FLATTEN PADDING KERNAL POOLING FILTER
			PADLET ACTIVITY	62	It allows individuals (and large/ small groups) to post their comments, questions, and resources in one place that is easily accessible to everyone	The state of the
8.	R.Ramya	CS1702 Natural Language Processing	One Minute Paper	20	To understand what was the most important thing, they learnt in class today; and what remains unclear to them	1 Starts with "I hello"

Crossword Puzzle	45	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.	V.Z. A Simple the likelihologouture occurrence <	Across se way to estimate by counting their sin a corpus or sin language or sin language	age Proce	vn pie the pie the second in mental in text resons, etc.
Bingo	23	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.	Attachment ambiguity  Context— Free Grammers  Coordination ambiguity  Derivation	Generative grammer  Unit productions	N  Code- Branch Wonger  Structural ambiguity  Non- terminals	Parse tree Chomsky normal form Reno-Based Neural Constituency Persing Dynamic programming

			Find the scrambled words	45	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.	1.MAIIUDTNGIOSBA - disambiguation 2.HUTSRESEUAS - thesauruses
			Word Puzzle	45	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.	
9.	S. Janani	IT1671 – Cryptography and Network Security	Online Quiz on Quizizz platform	43	To understand the basic concepts about algebraic structuresgroups, rings and fields.	Both Secret   Both Secret

		AD1601 – Computer Vision	Online Quiz on Quizizz platform			Section of the control bearing and the control domain   Section of the control domain   Sect
		AD1601 – Computer Vision	Word Search	42	To easily hold the keywords in their mind	Computer Vision
10.	R.Hari Priya	EM1251-Coding Techniques-I	Bingo Game	57	To provide students with an opportunity to pay attention to terminology as they need to spell each word correctly.	Iteration Coperators Variable Tokens Continue Loop Type Casting Programmer Types Control Statements.

		AD1701- Data Exploration and Visualization	Excel-Ad ins	45	To easily understand the insights and trends in visualization  To easily understand the insights and the insights and trends in visualization  The insights and the insights and the insight a
11.		AI2202- Data structures	Web quest	59	To know the real time applications of Stack and Queue.  Chittoor, Tamil Nadu, India MKF7+9KG, Chittoor, Tamil Nadu 625701, India Lat 9.673776* Long 77.964486* 22/09/23 10:03 AM GMT +05:30
11.	Hemaswathi S	and algorithms	Role Play	59	To know the real time applications of AVL and B trees  Chitor, Tamil Nadu, India MXF7-0XG, Chittor, Tamil Nadu (1941)  Lat 9673488*  Ty710/23 12:06 PM GMT +05:30

	CS1734 Principles of Cyber Security	Conducted Quiz	15	To know the attacks very well	Chittoor, Tamil Nadu, India MKF7+9XG, Chittoor, Tamil Nadu 625701, India Lat 9.673484* Long 77,965357* 06/09/23 03:47 PM GMT +05:30
12		Find the Missig Code	59	To know what and how much they have understood about a subject	DEFACT SHE SECONDARY SECON
12.	Programming using JAVA	Certification Course		To Improve the Logical Thinking of the students	InfOsys  Superpoint  COURSE COMPLETION CERTIFICATE  We undown a weeder to Jeffery Benson  In waveled any angeling to more Java Programming forederestable  and wavelet in 1221  InfOsys Synthyland  Congunidation of Tax radie or proset  Congunidation of Tax radie or proset  And Angeling Congunidation  Congunidation of Tax radie or proset  Angeling Congunidation  Ange

		Crossword Puzzle	63	To improve the thinking power of the students	Supervised and De vouder of the control of the cont
13.		Word Search	63	To improve the logical thinking of the students	Word search   Fined and must be sweeth bined below.
		Kahoot Quiz		To improve the students thinking power	Introduction to Machine Learning  21ucs048  21ucs065  21ucs063  21ucs063

		AD1602 – DEEP LEARNING	Flipped Classroom	35	Demonstrate & listen the experts teaching. It deepen the knowledge in the classroom through collaborative learning.	Tennamanalur, Tamil Nadu, India MST-6V0, Tennamanalur, Tamil Nadu 623701, India Long 77-6047-72 22/09/23 02:26 PM ONT - 06:30
14			Seminar	60	To improve the presentation skills of the student.	Chittoor, Tamil Nadu, India MXP7-9XQ, Chittoor, Tamil Nadu 626701, India Let 9.823787* Let 9.823787* Long 77.865213* 30/11/23 09:38 AM GMT +05:30
14.	Mrs.E.Vijayala kshmi	Organization and Architecture	One Minute Paper	60	To understand what was the most important thing, they learnt in class today	#25 Printed Street  #25 Printed Street  #26 Printed Street  #27 Printed Street  #27 Printed Street  #28 Printed Street  #29 Printed Street  #20 Pr

		EM2101- Coding	Certification Course	60	To Improve the Logical Thinking of the students	COMECOMPCIDA GENERACIE  Transacione  Depart  D	
		Techniques - I	Bingo	60	To provide students with an opportunity to pay attention to terminology as they need to spell each word correctly.	Seguinna Tokins Function Logic Congrisents  Bréak Algorithm Procedures Congrisents  Concinión Procedures Congrisons Language systements  Horation Data Vapidable Type Gasting  Program Assultions Identifiers Keywords Congliants	
15	. D RAJ AP CSE	CS2203 / System Software and Operating Systems	Seminar	62	To improve the presentation and communications skills of the students and refresh the concepts.		

						Operating System - Puzzle
16.	D RAJ AP CSE	CS2203 / System Software and Operating Systems	Crossword Puzzle	62	To understand the basic knowledge and key concepts in operating system	T
17.	D RAJ AP CSE	CS2203 / System Software and Operating Systems	Worksheet	59	To make and access the students to understand CPU Scheduling	C52203-System Software and Operating Systems - Unit 2 - Work Sheet - CPU Scheduling  UNIT H WORKSHEET  CFU Scheduling Algorithm: in Operating Systems  Objectives of Process Scheduling Algorithm in Operating Systems  Objectives of Process Scheduling Algorithm in Operating Systems  - Maximum CFU utilization (Geope CFU as busy as possible) Fair allocation of CFU.  - Maximum turnaround time [Time taken by a process of finish execution par time unit]  - Minimum turnaround time [Time taken by a process for finish execution]  - Minimum response time [Time a process waits in ready queus]  - Minimum response time [Time when a process produces first response]  Formulas:  - Arrival Time: Time at which the process completes its execution.  - Burst Time: Time at which the process completes its execution.  - Burst Time: Time required by a process for CFU execution.  - Turn Around Time: — Completion Time - Arrival Time  - Waiting Time(W.T): Time Difference between completion time and burst time.  - Waiting Time = Tarn Around Time - Burst Time

18.	D RAJ AP CSE	EM2101 / CODING TECHNIQUE S - 1	Word Search	58	To easily hold the keywords in their mind	CODING TECHNIQUES ACTIVITY -5  Name : Praven nameth, 3 Brand: CRC. Roll No. 2 RUSS[14] Into of Submania; [2] to Jacop.	WORD SEARCH  The print of shore tink  GHRARSRDVJOU  XZAERUTCURTS  DPPCOUTON  DPPCOUTON  USTASUEVOZYV  LGZPCLRRVPYD  UDZFUKCSEGIE  RAGDIAADIVRE  LVOJMBEGOOJA  CMIBREFFEZNH  KNHBITFIELDR  VFUNCTIONDEK  ZXWECGRAGXPX  MAGEO  PRINTED  AND
19.	D RAJ AP CSE	EM2101 / CODING TECHNIQUE S - 1	Crossword Puzzle	58	To understand the basic knowledge and key concepts in operating system	CODING TECHNIQUES ACTIVITY - 4  ACTIVITY - 4  No. O'ARMINA NUMBER REMAIL CIEC. RIN NO. ERCOMI Som o'Ammuni	ACM NOW

20.	D RAJ AP CSE	EM2101 / CODING TECHNIQUE S - 1	Debugging	58	To Practice to the reduce the no. of errors.	COD   Sampleth molysis of arrays and prointers
21.	D RAJ AP CSE	EM2101 / CODING TECHNIQUE S - 1	Online Course	50	To Improve the Logical Thinking of the students	COURSE COMPLETION CERTIFICATE  The confusion is associated in Range S of the secretary personal person
22.	G PRAVEEN KUMAR AP CSE	EM2101 / CODING TECHNIQUE S - 1	Making bingo based on C programming	65	Student can understand different data types in C	SUPPLYMENTAL MARKETS  BIT ON COMPANIAN AND MARKETS  ACTIVITY NO. See Supply Sup

I I	G PRAVEEN	EM2101 / CODING TECHNIQUE - S - 1	Infosys springboard Certification	65	To understand the C programming in depth manner	COURSE COMPLETION CERTIFICATE  The certificate is associated to  Muthu Raja  for successful regions of successful regions of the contract of the contract of the certificate is associated to regions of the certificate in th
24.			Debugging	65	To understand how to do debugging	Comparison   Com
23.	Mrs.K.Muthulaksh mi	IT1671 – Cryptography and Network Security		54		

	IT1681 – Cryptography and Network Security Lab	Quiz in Microsoft office forms			1. The field that covers a wide variety of computer networks both public and private that are used in (2 points) everyday ploss 6th of respondents (22 of 25) answered this question correctly.  Anotical institution 1  Anotical institution 1  Network security provides authentication and access control for resources (2 points) 5th of respondent (24 of 25) answered this question correctly.  1  2. Network security provides authentication and access control for resources (2 points) 5th of respondent (24 of 25) answered this question correctly.  1  3. Which of these is a part of network identification 7 (2 points) 77% of respondent (18 of 25) answered this question correctly.  1  1  1  1  1  1  1  1  1  1  1  1  1
	EM2101 — Coding Techniques 1	Cross word Puzzle	59	To improve the understanding level of the students	Across  Court  Section 4 Annals educing a cell largest annals for the section of

			Bingo Game	59	To revise the concepts	COLLIGO DE ESCHIPLECTURE & VECTURESCO.  (An Autonomous Interference of Collins (Collins))  (An Autonomous Interference of Collins)  (An Autonomous Interference
		EM2101 – Coding Techniques 1	Debugging Worksheet	59	To improve the debugging skills of the students	CONSTRUCTOR PROGRAMMAN AND PROGRAMMA

	EM2101 – Coding	Playword Search	59	To improve the Concept mapping and understanding level	COLUMN CR. TRANSPORTED S. AND CONTROL OF THE COLUMN CR. AND CR. AND COLUMN CR. AND CR. AND COLUMN CR. AND CR.
	Techniques 1	Test driven programming	59	To improve the programming skills	COSTANDA ON PERSONAL PRIMERS AND ADMINISTRATION OF PERSON

26	AI2302- Computer Networks and Security	Quiz in Microsoft office forms	59	To improve the understanding level of the students	Quiz on Congestion Control  44 Programma 8.4 Announce force  1. In the silven seat algorithm, the size of the congestion window increases want it is reaches a () proof provided.  1. In the silven seat algorithm, the size of the congestion window increases want it is reaches a () proof provided or representation of the public seat of the congestion window increases () and it is allowed by a strainty 1.  2. In the composition and public public public congestion window increases () proof) used or representation of the congestion window increases () proof) used or representation of the congestion window increases () proof)  3. Retreasmentation of public seat of the congestion window increases () proof)  1. Retreasmentation of public seat of the congestion window increases () proof)  1. Retreasmentation of public seat of the congestion window increases () proof)  1. Retreasmentation of public seat of the congestion () proof)  1. Retreasmentation of public seat of the congestion () proof)  1. Retreasmentation of public congestion () proo
20	IT2201- Computer Orgnaization and Architecture	Quiz in Microsoft office forms	62	To improve the understanding level of the students	Trazon_quize on Computer Organization and Architecture

27.	Mrs.S.Athi lakshmi	CS2202- Object Oriented Programming using JAVA	Find the missing code	60	To enhance the logical skill and programming skill of the students	COLLEGE CLE EXCHANGEMENT S. SECRETARION CONTROL CONTRO
		VCS316 – Information Retrieval Techniques	Think Pair Share	58	Peer Learning	Architecture of the IR System  Region and accordance of all Automotives of the Architecture of the IR System  Architecture of the
28	Dr.GNirmala	CS2202- Object Oriented Programming using JAVA	One minute Paper	60	To recall the programming concepts skill of the students	

	Dr.GNirmala	AI2201 Artificial Intelligence	Word Search		To easily hold the keywords in mind	
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