



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF INFORMATION TECHNOLOGY

ICT Tools/Activity Based Learning followed in Class Room Teaching

2025 – 2026 ODD

S.No	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
2025 – 2026 ODD					
1	Dr. R. Arthy Mrs. V. Deepa Priya	IT2301 – Algorithm Design and Analysis	AlgoVision 2025	Chart Presentation	

					 <p>Kalligudi, Tamil Nadu, India Mxf7+cr3, Kalligudi, Tamil Nadu 625701, India Lat 9.673483° Long 77.964632° Monday, 03/11/2025 11:18 AM GMT +05:30</p>
2	Dr. R. Arthy	IT2401 – Project Development	Poster Presentation	Poster Presentation	 <p>Kalligudi, Tamil Nadu, India Mxf7+cr3, Kalligudi, Tamil Nadu 625701, India Lat 9.673445° Long 77.964544° 10/10/2025 03:40 PM GMT +05:30</p>

3

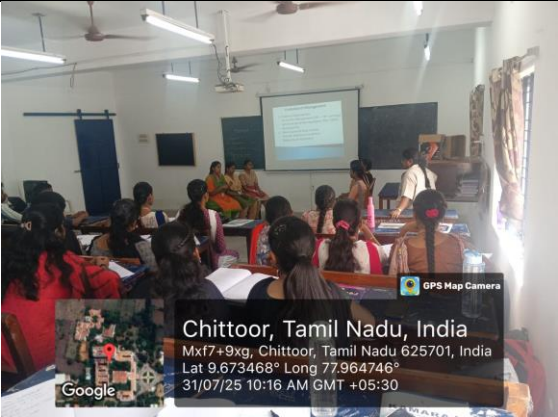

Dr. R. Arthy
Mrs. V. Deepa
Priya


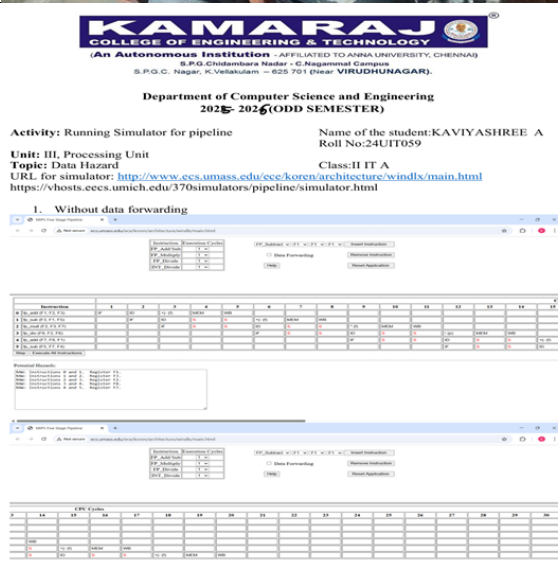
IT2202 – Object
Oriented
Programming


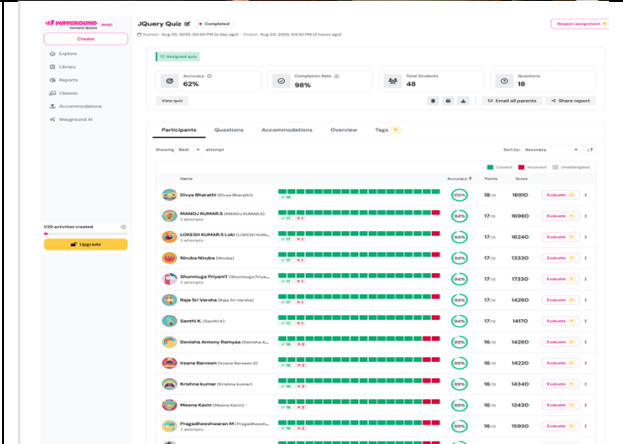
Java Game Show



Project
Exhibition




4	Dr.E.Vakaimalar	GE2491 – Principles of Management	Manager vs Entrepreneur	Debate	 <p>A photograph of a classroom during a debate session. Students are seated at desks, and a presentation screen is visible at the front. A GPS overlay in the bottom right corner shows the location as Chittoor, Tamil Nadu, India, with coordinates Lat 9.673468° Long 77.964746° and a timestamp of 31/07/25 10:16 AM GMT +05:30.</p>
5	Dr.E.Vakaimalar	GE2491 – Principles of Management	Organization Culture	Case Study Presentation	 <p>A photograph of a classroom during a case study presentation. Students are seated at desks, and a presentation screen is visible at the front. A GPS overlay in the bottom right corner shows the location as Chittoor, Tamil Nadu, India, with coordinates Lat 9.673099° Long 77.965558° and a timestamp of 29/07/25 03:02 PM GMT +05:30.</p>

6	Dr.E.Vakaimalar	GE2491 – Principles of Management	Organization Chart	Chart Activity																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
7	Dr.R.Muthuselvi	IT2201 – Computer Organization and Architecture	Simulation-Based Learning Activity	Simulation-Based Active Learning Method	 <p>KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY (An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI) S.P.O. Chidambaram Nagar - C. Nagamonal Campus S.P.O.C. Nagar, K. Velankulam - 625 701 (Dist: VIRUDHUNAGAR).</p> <p>Department of Computer Science and Engineering 2025-2026 (ODD SEMESTER)</p> <p>Activity: Running Simulator for pipeline Name of the student: KAVIYASHREE A Unit: III, Processing Unit Roll No: 24UIT059 Topic: Data Hazard Class: II IT A URL for simulator: http://www.ecs.umass.edu/ece/koren/architecture/windls/main.html https://vhosts.ecs.umich.edu/370simulators/pipeline/simulator.html</p> <p>1. Without data forwarding</p> <table border="1"> <thead> <tr> <th>Instruction</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th> </tr> </thead> <tbody> <tr> <td>1. No. of pipeline stages</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> </tr> <tr> <td>2. No. of pipeline stages</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> </tr> <tr> <td>3. No. of pipeline stages</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td> </tr> <tr> <td>4. 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8.	Mrs.V.Gayathri	VIT335-Natural Language Processing	Online Quiz	Nearpod Tool	
9.	Ms.R.Saranya Priyadharshini	IT2304-Full Stack Web Development	Online Quiz	QUIZZ	


					 <p>Chittoor, Tamil Nadu, India Mx7+9xg, Chittoor, Tamil Nadu 625701, India Lat 9.673516° Long 77.964683° 02/08/2025 02:43 PM GMT +05:30</p>
10.	Ms.R.Saranya Priyadharshini	IT2304-Full Stack Web Development	Fill Ups	Worksheet	 <p>Chittoor, Tamil Nadu, India Mx7+9xg, Chittoor, Tamil Nadu 625701, India Lat 9.673566° Long 77.964713° 18/08/2025 02:31 PM GMT +05:30</p>

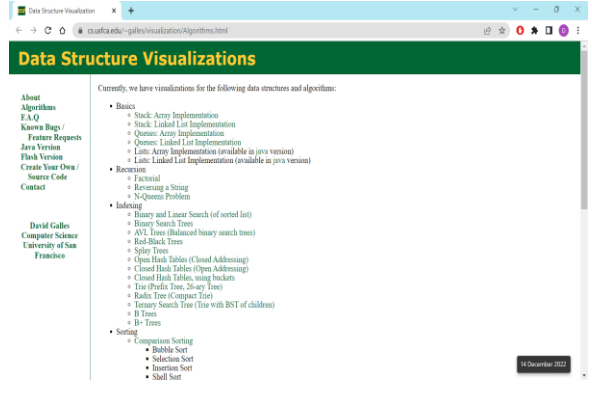

					<p>Angular JS</p> <p>Name: <u>K. Alagna Islaw</u> Roll Number: <u>23UT015</u> Date: <u>18.8.25</u></p> <ol style="list-style-type: none"> 1. What is MVC? <u>Model View Control</u> 2. <u>ng-controller</u> directive tells AngularJS what controller to use with this view. 3. <u>services</u> are JavaScript functions and are responsible to do specific tasks only. 4. <u>ng-app</u> directive initializes an AngularJS application. 5. <u>view</u> holds the visual layout on presentation. 6. <u>scope</u> is the glue between application controller and view. 7. In AngularJS, <u>modules</u> are containers used to hold other part of an application. 8. <u>ng-init</u> directive is used for initializing AngularJS application data in HTML. 9. <u>directives</u> is the component of AngularJS helps to extend HTML elements. 10. The <u>ng-repeat</u> is a powerful directive that can iterate over thousands of data with a single line of code. 11. What does SPA mean <u>Single page Application</u> 12. Angular expressions are written in <u>double curly braces {{ }}</u> 13. <u>ng-model</u> directive binds Application data to HTML tags in angular JS. 14. AngularJS module Syntax <u>angular.module("myApp", []).</u> 15. AngularJS is the <u>Javascript framework</u>
11	Mrs.P.Ramya	VIT324– Virtual Reality Systems	workshop	<p>"Immersive Tech: A Hands on VR Experience "</p>	



DEPARTMENT OF INFORMATION TECHNOLOGY



ICT Tools/Activity Based Learning followed in Class Room Teaching

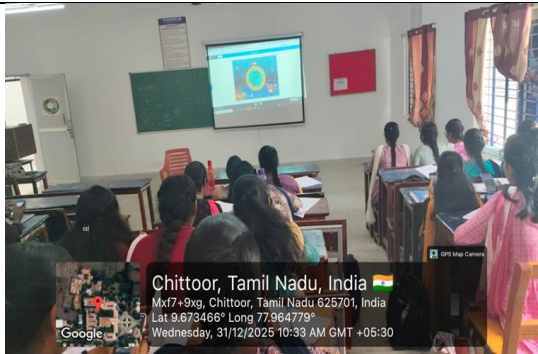

2025 – 2026 EVEN


S. No.	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
1.	Dr. R. Arthy	IT2251 – Data Structures	Role Play	Content Delivery	

S. No.	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
2.	Dr. R. Arthy	IT2251 – Data Structures	Online Demo Tool	Live demo of the concept	 <p>The screenshot shows a web browser window with the URL 'csustf.edu/~galles/visualizations/Algorithms.html'. The page title is 'Data Structure Visualizations'. It lists various data structures and algorithms for visualization, including: <ul style="list-style-type: none"> Stack: Array Implementation Stack: Linked List Implementation Queue: Array Implementation Queue: Linked List Implementation List: Array Implementation (available as java version) List: Linked List Implementation (available as java version) Reversing a String Queen Problem Insertion Binary and Linear Search (of sorted list) Binary Search Trees AVL Trees (Balanced binary search trees) Red-Black Trees Splay Trees Optimal Hash Tables (Closed Addressing) Cloud Hash Tables (Open Addressing) Cloud Hash Tables, using buckets Tree Prefix Traversal, Zigzag Traversal Radix Tree (Compact Trie) Ternary Search Tree (Trie with BST of children) B-Trees B+ Trees Sorting <ul style="list-style-type: none"> Comparison Sorting <ul style="list-style-type: none"> Bubble Sort Selection Sort Insertion Sort Shell Sort </p>
3.	Dr. R. Arthy	IT2251 – Data Structures	Animation	Develop an animation for the DS concepts	 <p>The photograph shows a group of people in a meeting room. A Google Maps overlay is present in the bottom right corner of the image, indicating the location as Chittoor, Tamil Nadu, India. The overlay text reads: <ul style="list-style-type: none"> Chittoor, Tamil Nadu, India Mx17+9xg, Chittoor, Tamil Nadu 625701, India Lat 9.67365° Long 77.964898° Friday, 27/03/2026 03:51 PM GMT +05:30 </p>

S. No.	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
4.	Mrs.S.Gayathri	IT2253 – Web Essentials	1. Online Quiz	Engage students with MCQs and polls	
5.	Mr.G.H.Ram Ganesh	VIT312-Cloud Computing	KAHOOT-Online Quiz	Engage students with MCQs and polls	

S. No.	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
6.	Mrs. L.Deepika	CS2251- Database Management System	Query Assessment	Engage students with MCQs and Query Writing	
7.	Mrs.V.Gayathri	VIT311 – Network Security Essentials	Roleplay on Replay and DoS Attack	To help students understand real-time network security threats and defense mechanisms through practical scenarios.	

S. No.	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
8.	Mrs.V.Gayathri	VIT311 – Network Security Essentials	Online Quiz – Nearpod & Kahoot	Engage students with MCQs and polls	
9.	Mrs.V.Gayathri	VIT311 – Network Security Essentials	Seminar-PPT	To enable the students to enhance communication and presentation skills through technical discussions.	

S. No.	Name of the Faculty Member	Subject code & Name	Name of the Activity	Type of Active Learning Method/ Tool	Samples
10.	Mrs.V.Gayathri	VIT315 – Cyber Forensics Investigation	Online Quiz-Kahoot	Engage students with MCQs and polls	
11.	Mrs.V.Gayathri	VIT315 – Cyber Forensics Investigation	Seminar-PPT	To enable the students to enhance communication technical Skills.	