KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(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

IT BITZ



JULY 2023

VOLUME 6 ISSUE 2

CONTENTS

- VISION & MISSION OF THE INSTITUTION
- VISION & MISSION OF THE DEPARTMENT
- PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)
- PROGRAMME SPECIFIC OUTCOMES (PSOs)
- ABOUT THE DEPARTMENT
- KNOWLEDGE ENRICHMENT
- EVENTS ORGANIZED
- FACULTY ACHIEVEMENTS
- STUDENT ACHIEVEMENTS
- PLACEMENT CORNER
- THINK!!!
- EDITORIAL TEAM

VISION OF THE INSTITUTION

To make this Institution the unique of its kind in the field of Research and Development activities in this part of world.

MISSION OF THE INSTITUTION

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through "Total Quality Education".

QUALITY POLICY

Committed to impart Quality Technical Education imbibed with proficiency, human values and continual improvement.

VISION OF THE DEPARTMENT

To make the department of Information Technology the unique of its kind in the field of Research and Development activities in this part of world.

MISSION OF THE DEPARTMENT

To impart highly innovative and technical knowledge in the field of Information Technology to the urban and unreachable rural student folks through Total Quality Education.

PROGRAM EDUCATION OBJECTIVE (PEOs)

PEO1: Technical Knowledge : Graduates will be able to identify, analyze and create solutions for real life, industrial and societal needs by applying the principles and practices of Information Technology.

PEO2: Teamwork & Ethics : Graduates will be able to collaborate effectively and ethically in a multi-disciplinary team as a member &/ as a leader.

PEO3: Lifelong Learning : Graduates will be able to adopt the contemporary technologies in the field of Information Technology to provide solutions for challenging environments.

PROGRAM SPECIFIC OUTCOMES (PSOs)

Engineering Graduates will be able to:

PSO 1: Demonstrate technical and interpersonal skills to design and develop IT enable solutions to meet the real time industrial and societal needs.

PSO2: Exhibit an ability to adapt to the evolutionary changes in computing.

PROGRAM OUTCOMES(POs)

Engineering graduates will be able to

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

ABOUT THE DEPARTMENT

Information Technology is one of the most dynamic fields in the modern world. Information Technology or "InfoTech" evolved when computing and communicating technologies amalgamated. It prepares the students to meet the technical demands of business, government, healthcare, military, education, and other organizations. Information Technology is used in almost every sphere of profession, making the process much easier, by developing competent and effective solutions to real life problems. IT sector is growing at fast pace and creating ample opportunities in India and abroad for deserving candidates having employable skills Department of Information Technology was established in the year 2001 and has 10 vibrant and well qualified teaching faculty members expertise in various fields of Information Technology who exerts dedicated work to produce high caliber technocrats. Of them, three have completed their doctoral degrees and four of them are pursuing their doctoral degrees. The objective of the department is to prepare the students to face challenges in the changing world. IT Professionals will find their career in various key areas like Artificial Intelligence, Augmented Reality, Data Analytics, Networking, Data Management, Multimedia and Computer graphics, Communications, Web Technology, Software Designs, Management and Administration of Systems.

HEAD OF THE DEPARTMENT

Dr.E.Vakaimalar heads the Department of Information Technology since September 2022. She received her Doctorate in Philosophy under the Faculty of Information and Communication Engineering from Anna University, Chennai. She completed her PG in Computer Science and Engineering in Mepco Schlenk Engineering College from Sivakasi & UG in Computer Science and Engineering from Periyar Maniammai College of Engineering and Technology for Women, Thanjavur. She has 25 years of Teaching Experience. Her area of interest includes Image processing, computer vision and data mining.

KNOWLEDGE ENRICHMENT

CHAT GPT



- Language model designed for conversational interactions.
- Trained to understand and generate responses in a conversational context.
- Enables engaging and interactive conversations with users.
- Can be integrated into various applications and platforms.
- Artificial Intelligence (AI) continues to advance, transforming industries and improving efficiency.
- The Internet of Things (IoT) is expanding, connecting devices and enabling smart homes and cities.
- Cybersecurity remains a top priority as the threat landscape evolves.
- Quantum computing is making strides, promising powerful computing capabilities.
- Augmented Reality (AR) and Virtual Reality (VR) are revolutionizing gaming,

entertainment, and more.

- Blockchain technology is being explored for secure transactions and decentralized systems.
- Edge computing is gaining popularity, enabling faster processing and reduced latency.
- 5G technology is rolling out, offering faster speeds and improved connectivity.
- Cloud computing continues to dominate, providing scalable and flexible solutions.
- Data analytics and machine learning are driving insights and decision-making.
- Mobile app development is booming, with a focus on user experience and functionality.
- DevOps practices are being adopted to streamline software development and deployment.
- Automation and robotics are transforming industries, improving efficiency and productivity.
- Biometric authentication methods, such as facial recognition, are becoming more prevalent.
- Voice assistants, like Siri and Alexa, are becoming increasingly integrated into our daily lives.
- Progressive Web Apps (PWAs) are gaining popularity, offering a seamless mobile web experience.
- Serverless architecture is on the rise, allowing developers to focus on code without managing infrastructure.
- Big data is driving insights and innovation across various industries.
- Natural Language Processing (NLP) technology is improving chatbots and language understanding.
- Open-source software continues to thrive, fostering collaboration and innovation.

Mr.RAM GANESH G H,

AP/IT

CLOUD RELATED LATEST TECHNIQUES

Serverless Computing:

Serverless architectures, such as AWS Lambda, Azure Functions, and Google Cloud Functions, enable developers to run code without managing the underlying infrastructure. This approach scales automatically and helps optimize costs by charging based on actual usage.

Edge Computing:

Edge computing involves processing data closer to the source of data generation rather than relying solely on centralized cloud servers. This reduces latency and enhances real-time processing, making it ideal for applications like IoT devices and augmented reality.

Containerization and Orchestration:

Containers, managed by tools like Docker, provide a consistent environment for applications to run across different computing environments. Kubernetes, a container orchestration platform, is widely used to automate the deployment, scaling, and management of containerized applications.

Hybrid and Multi-Cloud Deployments:

Organizations are increasingly adopting hybrid and multi-cloud strategies to distribute workloads across multiple cloud providers or combine on-premises infrastructure with cloud services. This provides flexibility, resilience, and avoids vendor lock-in.

AI and Machine Learning Services:

Cloud providers offer a range of AI and machine learning services, allowing developers to integrate machine learning capabilities into their applications without requiring expertise in the underlying algorithms or infrastructure.

DevOps and Continuous Integration/Continuous Deployment (CI/CD):

Cloud platforms provide tools for implementing DevOps practices, enabling seamless collaboration between development and operations teams.

Serverless Databases:

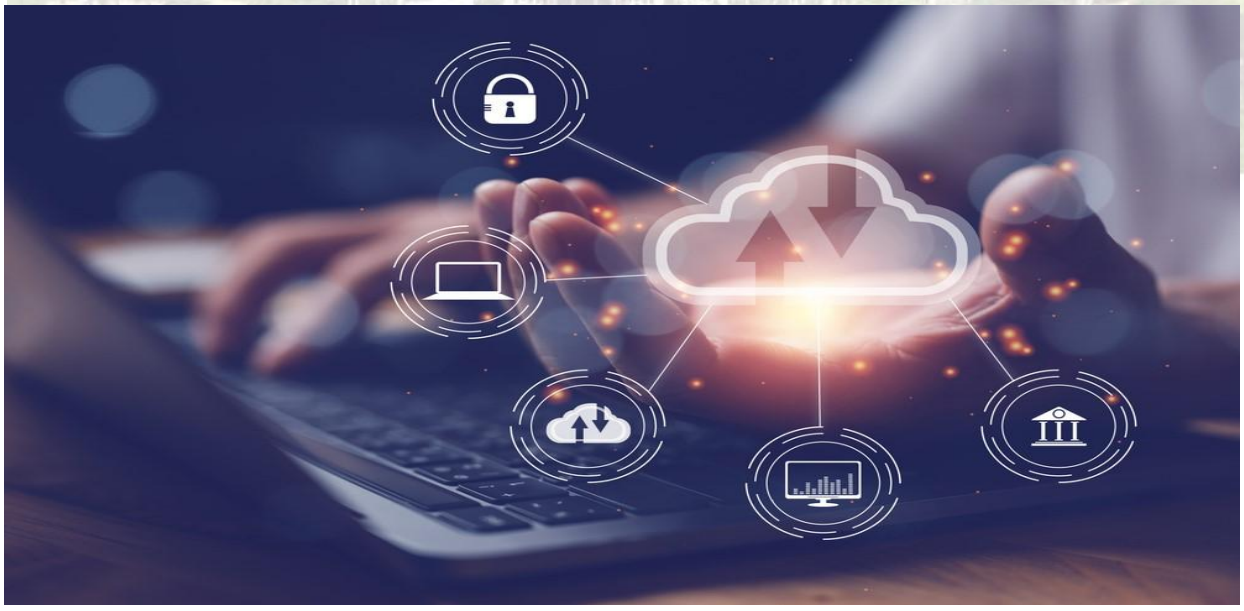
Beyond serverless computing, serverless databases (like AWS Aurora Serverless or Azure Cosmos DB) follow a similar pay-as-you-go model, automatically adjusting capacity based on demand.

Cloud-Native Security:

With the increasing adoption of cloud services, there is a focus on cloud-native security solutions. This includes tools and practices designed specifically for securing cloud-based applications and infrastructure.

Quantum Computing Services:

Some cloud providers are starting to offer access to quantum computing resources, allowing users to experiment with and develop applications that leverage quantum computing power.



DHARUN S

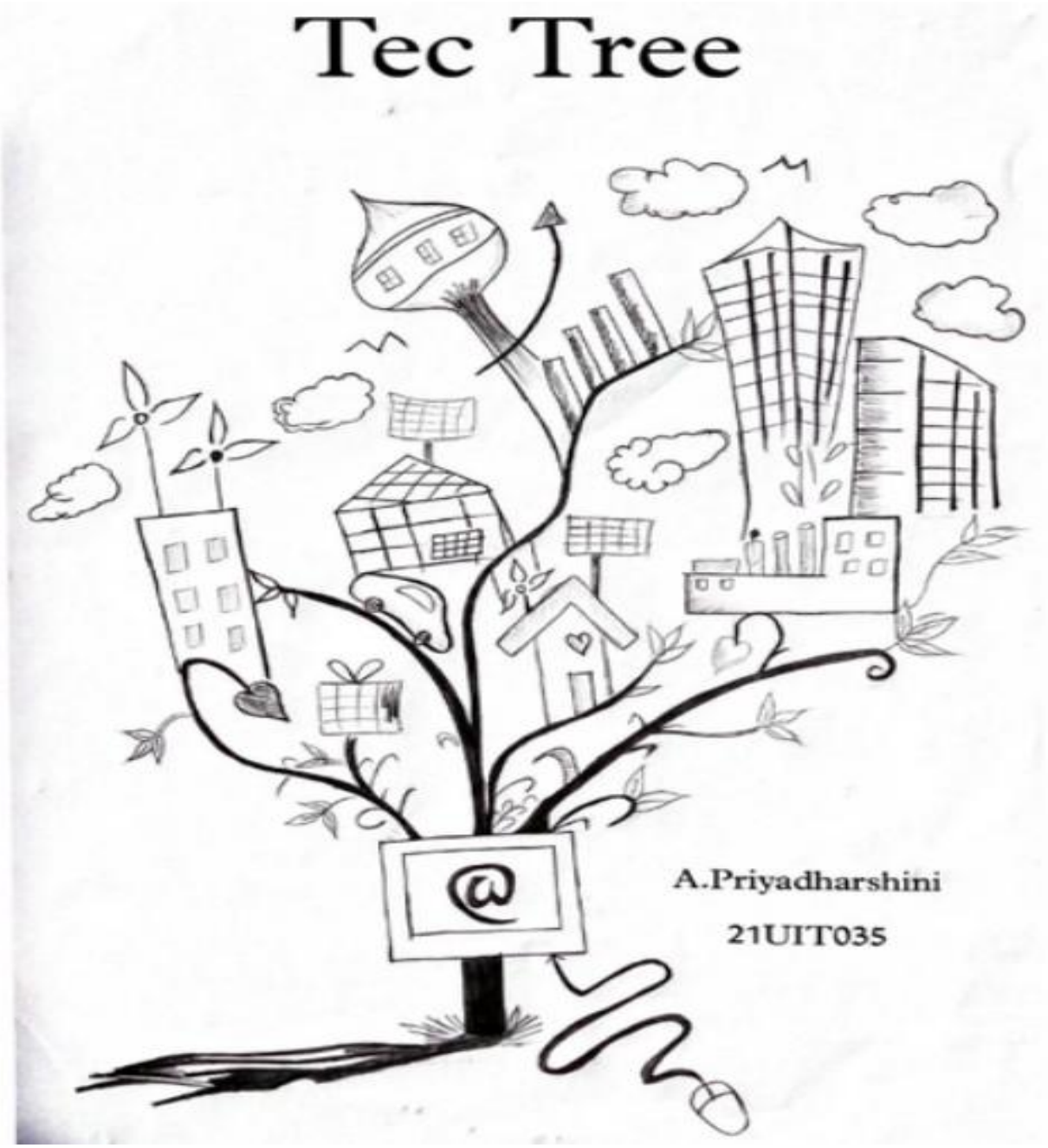
21UIT031 - II IT

TECHNICAL DRAWINGS



SWATHEESWARI.G

21UIT060 - II IT



PRIYADHARSHINI.A

21UIT035 - II IT

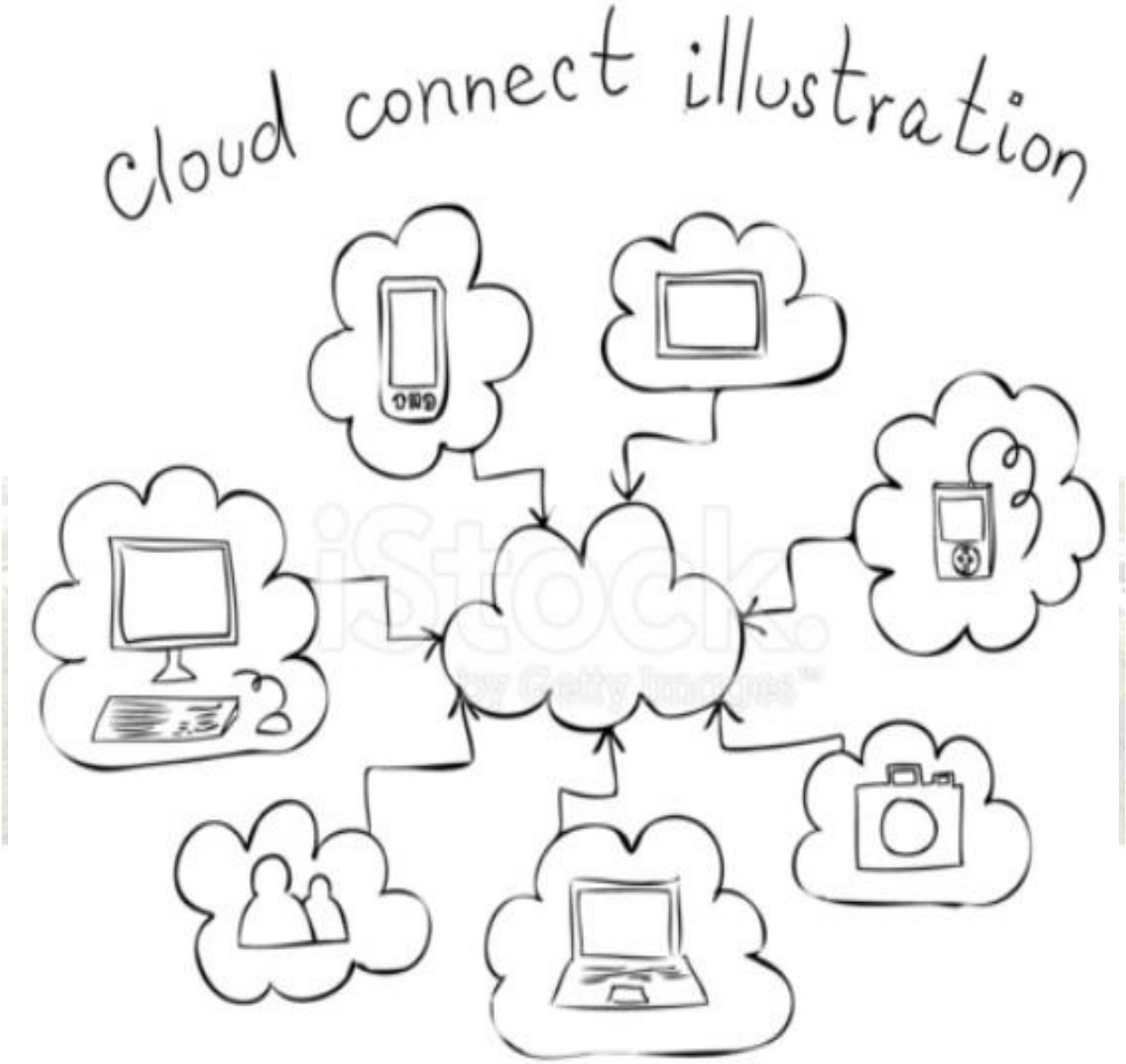
TECHNICAL WORLD



PAVITHRA.A

20UIT001 – III IT

CLOUD CONNECTING ILLUSTRATION



AKILA.K

21UIT029 - II IT

EVENTS ORGANIZED

ASSOCIATION ACTIVITIES

S.No	Name of the Event	Date of the Event	Year	Resource Person
1	CS2251 Database Management System – ER Designer Contest	13.02.2023	II IT	Dr.E.Vakaimalar

ISTE EVENT

S.No	Name of the Event	Date of the Event	Year	Resource Person
1	IT2253 Web Essentials – Project Contest	04.05.2023	II IT	Dr.R.Arthy, Ms.P.Kaviya

VALUE ADDED COURSES

S. No.	Name of the Event	Date of the Event	Year	Resource Person / Chief Guest
1	Web Application Development using JSP and Servlet	05.01.2023 to 10.01.2023	II IT	Mr. Sabaresswaran, Silicon Software Services Madurai



Guest Lecture Delivered / Acted as Resource Persons in Symposium / Seminar / Conference / FDP / Workshop by Faculty members

S. No.	Name of the faculty	Name of the Program	Date	Organizing Institution	Resource Person/Chair Person/ Guest
1	Ms.P.Kaviya	Machine Learning	24.04.2023	Ayyanadar Janakiammal Polytechnic College	Resource Person

FDP/Workshop/STTP/Certification Programs attended

S. No.	Name of the faculty	Name of the Program	Date	Organizing Institution	Participated/ Presented
1	Mrs.B.Pandiselvi	Research Methodology and Academic Writing in the Digital Age	18.05.2026 to 22.05.2026	Pravara Rural Engineering College, Loni Uddar Pradesh	Participated
		AI Driven Intelligent IoT Systems	21.05.2026	Vellore Institute of Technology, Chennai	Participated
2	Mr.J.Lefy Joyson	Generative AI	04.05.2026 to 23.05.2026	SmartBridge Educational Services Pvt Ltd	Participated
3	Dr.R.Arthy	Building Real-World Applications: A 3-Day Industry Training Program	26.05.2026 to 27.05.2026 & 29.05.2026	RelevantZ Technology Services, Virudhunagar	Participated
4	Mrs.V.Deepa Priya	Building Real-World Applications: A 3-Day Industry Training Program	26.05.2026 to 27.05.2026 & 29.05.2026	RelevantZ Technology Services, Virudhunagar	Participated
5	Mrs.P.Mahalakshmi	Building Real-World Applications: A 3-Day Industry Training Program	26.05.2026 to 27.05.2026 & 29.05.2026	RelevantZ Technology Services, Virudhunagar	Participated

6	Mrs.S.Gayathri	Building Real-World Applications: A 3-Day Industry Training Program	26.05.2026 to 27.05.2026 & 29.05.2026	RelevantZ Technology Services, Virudhunagar	Participated
7	Mrs.R.Saranya Priyadharshini	Building Real-World Applications: A 3-Day Industry Training Program	26.05.2026 to 27.05.2026 & 29.05.2026	RelevantZ Technology Services, Virudhunagar	Participated
8	Mrs.L.Deepika	Building Real-World Applications: A 3-Day Industry Training Program	26.05.2026 to 27.05.2026 & 29.05.2026	RelevantZ Technology Services, Virudhunagar	Participated
5					

STUDENT ACHIEVEMENTS

STUDENTS PARTICIPATION – JOURNAL PUBLICATION

S. No	Roll Number	Name of the Student	Name of the Journal	Title of the Paper	Volume & Issue
1.	19UITE028	Keerthi Vasan.N	International Journal of Advance in Engineering and Management (IJAEM)	Smart Attendance System Using LBPH	Vol. 5, Issue 3, pp. 1045-1049, 18.03.2023
2.	19UITE042	Shree Ram Pandian.S			
3.	19UITE045	Gowtham.M			
4.	19UITE006	Siva Prakash.G	International Journal of Novel Research and Development (IJNRD)	Water Quality Prediction for Agriculture	Vol. 8, Issue 3, 22.03.2023
5.	19UITE031	Rakesh.A			
6.	19UITE034	Gowri Supramanian.A			

STUDENTS PARTICIPATION – TECHNICAL CONTEST

S. No.	Roll Number	Name of the Student	Name of the Programme / Event	Date	Organizing Institution	Prizes Won
1.	21UIT011	Yazhini D S	National Level Techno Cultural Fest 2023 - **Coding Beast**	30.03.2023 & 31.03.2023	Rathinam Technical Campus, Coimbatore	II
2.	21UIT012	Gomathy B	National Level Techno Cultural Fest 2023 - **Paper presentation**	30.03.2023 & 31.03.2023	Rathinam Technical Campus, Coimbatore	II
3.	21UIT025	Shoba Shri M	National Level Techno Cultural Fest 2023 - **Paper presentation**	30.03.2023 & 31.03.2023	Rathinam Technical Campus, Coimbatore	II
4.	21UIT018	Charanya D	National Level Technical Symposium NECTAR'23 - **Digi Design**	17.03.2023 & 18.03.2023	National Engineering College, Kovilpatti	I
			National Level Technical Symposium NECTAR'23 - **Reveal Me**	17.03.2023 & 18.03.2023	National Engineering College, Kovilpatti	II
5.	21UIT029	Akila K	National Level Technical Symposium NECTAR'23 - **Digi Design**	17.03.2023 & 18.03.2023	National Engineering College, Kovilpatti	I
			National Level Technical Symposium NECTAR'23 - **Reveal Me**	17.03.2023 & 18.03.2023	National Engineering College, Kovilpatti	II
6.	21UIT038	Meenakshi S	National Level Technical Symposium -RISOVOX-23 - **One Minute Talk**	09.02.2023	Karpagam Academy of Higher Education, Coimbatore	II

S. No.	Roll Number	Name of the Student	Name of the Programme / Event	Date	Organizing Institution	Prizes Won
7.	21UIT053	Aswathi G	National Level Techno Cultural Fest 2023 - **CODING BEAST**	30.03.2023 & 31.03.2023	Rathinam Technical Campus, Coimbatore	II
8.	20UIT027	Srienath Vaisakh N	A National Level Battle for Programming Supremacy A Prestigious Clash of Brilliant Engineering Minds **TOP CODERS'23**	18.03.2023	Sudharsan Engineering College, Coimbatore	III
9.	20UIT029	Charles S	A National Level Battle for Programming Supremacy A Prestigious Clash of Brilliant Engineering Minds **TOP CODERS'23**	18.03.2023	Sudharsan Engineering College, Coimbatore	III
10.	20UIT031	Karthikeyan M	A National Level Battle for Programming Supremacy A Prestigious Clash of Brilliant Engineering Minds **TOP CODERS'23**	18.03.2023	Sudharsan Engineering College, Coimbatore	III
11.	20UIT046	Sri Reshma V	National Technical Symposium COMPONEC-2K23 - **E-Trix**	23.03.2023 & 24.03.2023	National Engineering College, Kovilpatti	III

STUDENTS PARTICIPATION – ONLINE COURSES

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
1.	21UIT004	Suriya Ram S	Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	19.01.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	19.01.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	17.01.2023
			Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	18.01.2023
			Instagram Clone using HTML & CSS	Devtown	Feb 2023
2.	21UIT006	Nareshan R	Database Fundamentals: Database Concepts	Infosys Springboard	21.01.2023
			Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	24.01.2023
3.	21UIT007	Sivasakthi S	Database Fundamentals: Database Concepts	Infosys Springboard	19.01.2023
4.	21UIT008	Subashini K	Database Fundamentals: Database Concepts	Infosys Springboard	16.01.2023
			Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	16.01.2023
5.	21UIT009	Madhumitha V	Database Fundamentals: Database Concepts	Infosys Springboard	17.01.2023
6.	21UIT012	Gomathy B	Database Fundamentals: Database Concepts	Infosys Springboard	16.01.2023
			Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	19.01.2023
7.	21UIT014	Sudharsana I	Database Fundamentals: Database Concepts	Infosys Springboard	14.01.2023
			Introduction to Deep Learning	Great Learning	June 2023

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
				Academy	
			Mobile Application development	The Digital Ada	07.02.2023
			Introduction of Artificial Intelligence	Great Learning Academy	June 2023
8.	21UIT015	Prem Kumar M	Database Fundamentals: Database Concepts	Infosys Springboard	16.01.2023
			Beginner of HTML and CSS: Build your own Personal Blog	Infosys Springboard	17.01.2023
			HTML Attributes and Tags	Great Learning Academy	June 2023
9.	21UIT018	Charanya D	Database Fundamentals: Database Concepts	Infosys Springboard	18.01.2023
10.	21UIT022	Subathira Kumari M	Introduction to OpenCV in python	Mastering up	17.06.2023
11.	21UIT024	Sivamuthu Narayana Sabariganesh A	HTML, CSS & JAVASCRIPT – Certification Course for Beginners	Udemy	28.06.2023
			Java Programming	The Digital Adda	02.06.2023
			Hotstar Clone using HTML, CSS and JavaScript Bootcamp	Microsoft Learn Student Ambassador	June 2023
			Software Development Virtual Experience Program	Forage-Datacom	24.06.2023
			Ethical Hacking	IT Sonix Solutions	30.06.2023
			Introduction to OpenCV in python	Mastering up	17.06.2023
12.	21UIT025	Shoba Sri M	Database Fundamentals: Database Concepts	Infosys Springboard	14.01.2023
			Beginner HTML and CSS: Build Your Own Personal	Infosys Springboard	18.01.2023

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
			Blog		
13.	21UIT029	Akila K	Database Fundamentals: Database Concepts	Infosys Springboard	16.01.2023
14.	21UIT033	Kabilesh K	Database Fundamentals: Database Concepts	Infosys Springboard	17 .01.2023
			Beginner HTML and CSS: Build Your Own Personal Blog	Infosys springboard	20.01.2023
			Instagram Clone using HTML and CSS	Devtown	Feb 2023
15.	21UIT034	Senthil Kumar T B	Computer Hardware & Networking	The digital adda	16.05.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	20.01.2023
16.	21UIT038	Meenakshi S	Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	18.01.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	17.01.2023
17.	21UIT039	Aarthilekha A	Database Fundamentals: Database Concepts	Infosys Springboard	19.01.2023
18.	21UIT040	Vishnu Priya G	Machine Learning Professional Certification	ITronix Solutions	23.06.2023
			Deep Learning Professional Certification	ITronix Solutions	23.06.2023
			Business Intelligence & Data Analytics	MachineLearning.org.in	23.06.2023
			Artificial Intelligence Professional Certification	ITronix Solutions	23.06.2023
			Deep learning with TensorFlow	MachnineLearning.org.in	23.06.2023
			Data Analysis with Python	MachineLearning.org.in	23.06.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	17.01.2023
			Java Programming	The Digital Adda	23.06.2023

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
19.	21UIT049	Vishal M	Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	17.01.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	15.01.2023
20.	21UIT053	Aswathi G	Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	19.01.2023
			Database Fundamentals: Database Concepts	Infosys Springboard	16.01.2023
21.	21UIT054	Kishore M	Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	20.01.2023
22.	21UIT055	Arthi M	Database Fundamentals: Database Concepts	Infosys Springboard	18.01.2023
			Future of IoT	Mastering up	23.06.2023
			Introduction to OpenCV in python	Mastering up	17.06.2023
			SQL Basics (Standard)	Skill Rack	05.06.2023
23.	21UIT059	Saamir Gaffur Mohammed Yakub Shah	Database Fundamentals: Database Concepts	Infosys Springboard	20.01.2023
24.	21UIT060	Swatheeswari G	Business Intelligence & Data Analytics	MachineLearning.orn.in	23.06.2023
			Deep Learning with TensorFlow	MachineLearning.org.in	23.06.2023
			Data Analysis with Python	MachineLearning.org.in	23.06.2023
			Java Programming	The Digital Adda	23.06.2023
			Deep Learning Professional Certification	ITronix Solutions	23.06.2023
			Machine Learning Professional Certification	ITronix Solutions	23.06.2023
			Artificial Intelligence Professional Certification	ITronix solutions	23.06.2023

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
25.	21UIT061	Muthuram M	Database Fundamentals: Database Concepts	Infosys Springboard	17.01.2023
			Beginner HTML and CSS: Build Your Own Personal Blog	Infosys Springboard	21.01.2023
26.	20UIT001	Pavithra A	Cyber Security	Skill Vertex	05.02.2023
27.	20UIT002	Tharanidevi B	Big Data Essentials	Infosys Springboard	19.01.2023
			Fundamentals of Cryptography	Infosys Springboard	19.01.2023
28.	20UIT002	Tharanidevi B	Exploring Blockchain	Infosys Springboard	18.01.2023
			Big Data Essentials	Infosys Springboard	15.01.2023
			Fundamentals of Cryptography	Infosys Springboard	19.01.2023
29.	20UIT005	Kethsy V	Big Data Essentials	Infosys Springboard	19.01.2023
			Exploring Blockchain	Infosys Springboard	19.01.2023
			Fundamentals of Cryptography	Infosys Springboard	18.01.2023
			Introduction to OpenCV in Python	Mastering Up	17.06.2023
30.	20UIT007	Logeshwaran M	Fundamentals of Cryptography	Infosys Springboard	18.01.2023
31.	20UIT010	Madhumitha V	Java Programming	MSME-TDC, EC-Coimbatore	14.03.2023
32.	20UIT013	Harshitha B	Big Data Essentials	Infosys Springboard	16.01.2023
			Fundamentals of Cryptography	Infosys Springboard	16.01.2023
33.	20UIT016	Yogitha V	Big Data Essentials	Infosys Springboard	19.01.2023
			Fundamentals of Cryptography	Infosys Springboard	19.01.2023

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
34.	20UIT017	Srivasi S	Exploring Blockchain	Infosys Springboard	19.01.2023
			Fundamentals of Cryptography	Infosys Springboard	17.01.2023
			Big Data Essentials	Infosys Springboard	19.01.2023
35.	20UIT020	Manikumar T	Introduction to Networks	Cisco Networking Academy	27.06.2023
36.	20UIT028	Swetha K	Big Data Essentials	Infosys Springboard	18.01.2023
			Fundamentals of Cryptography	Infosys Springboard	18.01.2023
			Introduction to Machine Learning	Infosys Springboard	22.01.2023
37.	20UIT030	Janani Sri S	Fundamentals of Cryptography	Infosys Springboard	19.01.2023
			Big Data Essentials	Infosys Springboard	19.01.2023
38.	20UIT033	Veerasakthivel S	Fundamentals of Cryptography	Infosys Springboard	18.01.2023
			Big Data Essentials	Infosys Springboard	18.01.2023
			JavaScript Algorithms and Data Structures	FreeCode Camp	28.06.2023
39.	20UIT034	Saranya K	Exploring Blockchain	Infosys Springboard	18.01.2023
			Fundamentals of Cryptography	Infosys Springboard	18.01.2023
40.	20UIT035	Arunkarthick R	Fundamentals of Cryptography	Infosys Springboard	19.01.2023
			Big Data Essentials	Infosys Springboard	19.01.2023
			Artificial Neural Networks (ANN) with Keras in Python and R	Udemy	18.04.2023
			Web Development	The Digital Adda	27.04.2023

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
			SQL – Basics (Standard)	SkillRack	08.06.2023
41.	20UIT037	Sundareshwaran J	Fundamentals of Cryptography	Infosys Springboard	17.01.2023
			Big Data Essentials	Infosys Springboard	19.01.2023
			Introduction to Networks	Cisco Networking Academy	27.06.2023
			Bronze Medals - 300	SkillRack	02.05.2023
			Speak English with Confidents Today	Udemy	16.06.2023
			Python Crash Course	Udemy	08.06.2023
			JavaScript for Beginners Complete Course	Udemy	29.06.2023
			Java Network Programming – Mastering TCP/IP: CJNP+ 2023 JVA	Udemy	08.06.2023
42.	20UIT038	Rasathi S	Big Data Essentials	Infosys Springboard	18.01. 2023
43.	20UIT040	Ragavi Alias Vennila S	Fundamentals of Cryptography	Infosys Springboard	18.01.2023
44.	20UIT046	Sri Reshma. V	Fundamentals of Cryptography	Infosys Springboard	18.01.2023
			Big Data Essentials	Infosys Springboard	18.01.2023
45.	20UIT047	Santhosh Nantha A	Selenium WebDriver with Java – Basics to Advanced + Frameworks	Udemy	24.06.2023
46.	20UIT050	Jeyabalaji P	Introduction to Networks	Cisco Networking Academy	27.06.2023

STUDENTS PARTICIPATION – INTERNSHIP

S. No	Roll Number	Student Name	Company Name	Duration	Date	Topic
1.	21UIT003	Vignesh V K	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing
2.	21UIT005	Vinodhan M	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing
3.	21UIT006	Nareshan R	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing
4.	21UIT007	Sivasakthi S	Web Walk Infosys	15 Days	05.06.2023 to 20.06.2023	Machine Learning Using Python
5.	21UIT008	Subashini K	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing
6.	21UIT009	Mathumitha V	Web Walk Infosys	15 Days	05.06.2023 to 20.06.2023	Machine Learning Using Python
7.	21UIT010	Kalaiselvi K	Web Walk Infosys	15 Days	12.06.2023 to 26.06.2023	Blockchain Technology
8.	21UIT011	Yazhini D S	Pantech Solutions	15 Days	07.06.2023 to 22.06.2023	Embedded Systems
9.	21UIT012	Gomathy B	Pantech Solutions	15 Days	07.06.2023 to 22.06.2023	Embedded Systems
10.	21UIT013	Ramyaa Shri K	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Internet of Things
11.	21UIT014	Sudharsana I	Pantech Solutions	15 Days	07.06.2023 to 22.06.2023	Embedded Systems
12.	21UIT015	Prem Kumar M	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing

S. No	Roll Number	Student Name	Company Name	Duration	Date	Topic
13.	21UIT016	Rajesh R M	Phoenix Softech	15 Days	10.06.2023 to 25.06.2023	C Programming
14.	21UIT019	Kaviya S	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Internet of Things
15.	21UIT023	Sandeep Joe A	Phoenix Softech	15 Days	08.06.2023 to 23.06.2023	Django Framework
16.	21UIT024	Sivamuthu Narayana Sabariganesh A	Phoenix Softech	15 Days	08.06.2023 to 23.06.2023	Django Framework
17.	21UIT025	Shoba Sri M	Pantech Solutions	15 Days	07.06.2023 to 22.06.2023	Embedded Systems
18.	21UIT026	Magasakthi S	Web Walk Infosys	15 Days	05.06.2023 to 20.06.2023	Machine Learning Using Python
19.	21UIT027	Megha A M	Hatsm software	15 Days	07.06.2023 to 27.06.2023	Web Application - Angular
20.	21UIT032	Subega Banu S	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Internet of Things
21.	21UIT034	Senthil Kumar T B	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing
22.	21UIT035	Priyadharshini A	Web Walk Infosys	15 Days	05.06.2023 to 20.06.2023	Machine Learning Using Python
23.	21UIT036	Visali Manipirya V	Web Walk Infosys	15 Days	05.06.2023 to 20.06.2023	Machine Learning Using Python
24.	21UIT037	Nikitha B	Reccsar Private Limited	15 Days	07.06.2023 to 23.06.2023	Mern Stack with Cloud Computing
25.	21UIT039	Aarthilekha A	Web Walk Infosys	15 Days	12.06.2023 to 26.06.2023	Blockchain Technology

S. No	Roll Number	Student Name	Company Name	Duration	Date	Topic
26.	21UIT040	Vishnu Priya G	Web Walk Infosys	15 Days	12.06.2023 to 26.06.2023	Blockchain Technology
27.	21UIT043	Kalpana Charula S	Web Walk Infosys	14days	05.06.2023 to 20.06.2023	Machine Learning Using Python
28.	21UIT044	Kaviya G	Pantech Solutions	15days	07.06.2023 to 22.06.2023	Embedded Systems
29.	21UIT045	Abishek Raj S	Phoenix Softech	15 Days	15.06.2023 to 30.06.2023	App Development in Android
30.	21UIT046	Joe Selva Rakshan P	Phoenix Softech	15 Days	10.06.2023 to 25.06.2023	App Development in Android
31.	21UIT047	Easkkithai @ Sumathi M	Phoenix Softech	15 Days	10.06.2023 to 25.06.2023	Blockchain Technology
32.	21UIT048	Balaji G S	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Internet of Things
33.	21UIT049	Vishal M	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Machine Learning Using Python
34.	21UIT051	Baby S	Phoenix Softech	15 Days	05.06.2023 to 20.06.2023	Internet of Things
35.	21UIT052	Kaviya M	Web Walk Infosys	15 Days	12.06.2023 to 26.06.2023	Blockchain Technology
36.	21UIT053	Aswathi G	Pantech Solutions	15 Days	07.06.2023 to 22.06.2023	Embedded Systems
37.	21UIT054	Kishore M	Phoenix Softech	15 Days	08.06.2023 to 23.06.2023	Django Framework

S. No	Roll Number	Student Name	Company Name	Duration	Date	Topic
38.	21UIT055	Arthi M	ORIGIN TECH	1 Month	10.03.2023 to 10.04.2023	AWS IOT Core Using Industry Grade Microcontroller
39.	21UIT056	Praveen Kumar M	Phoenix Softech	15 Days	10.06.2023 to 25.06.2023	App Development in Android
40.	21UIT058	Praveen L	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Internet of Things
41.	21UIT060	Swatheeswari G	Web Walk Infosys	15 Days	12.06.2023 to 26.06.2023	Blockchain Technology
42.	21UIT061	Muthuram M	Phoenix Softech	15 Days	09.06.2023 to 24.06.2023	Django Framework
43.	21UIT062	Rooban Reyeash S	Phoenix Softech	15 Days	12.06.2023 to 27.06.2023	Internet of Things
44.	21UIT063	Ashish J	Phoenix Softech	15 Days	10.06.2023 to 25.06.2023	App Development in Android
45.	21UIT064	Bhuvan Muthu V	Web Walk Infosys	15 Days	09.06.2023 to 24.06.2023	Django Framework
46.	21UIT065	Saravanakumar P	Web Walk Infosys	15 Days	05.06.2023 to 19.06.2023	Web Development Using PHP
47.	20UIT001	Pavithra A	Nbays IT SolusenZ	15 Days	16.06.2023 to 30.06.2023	Web Development using ASP.NET
48.	20UIT024	Ferdin Rodriguez S	Nbays IT SolusenZ	15 Days	16.06.2023 to 30.06.2023	Web Development using ASP.NET
49.	20UIT036	Kali Vignesh G	Greenleaf Technology	15 Days	16.06.2023 to 30.06.2023	Wed Development Using ASP.NET

S. No	Roll Number	Student Name	Company Name	Duration	Date	Topic
50.	20UIT040	Ragavi Alias Vennila S	PriGa Solutions	2 Years	24.01.2023	Web Development
51.	20UIT042	Anikingsetha P	PriGa Solutions	2 Years	24.01.2023	Web Development
52.	20UIT048	Jaivishnu B	Puthiyathalamurai	5 Days	14.03.2023 to 18.03.2023	Multimedia

STUDENTS PARTICIPATION – WORKSHOP

S. No.	Roll Number	Name of the Student	Workshop Title	Organizing Institution	Date
1.	21UIT002	P. Vishnu Deepan	Deep Learning: Unlocking the Full Potential	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
2.	21UIT003	V. K. Vignesh	Web Design & Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
3.	21UIT005	M. Vinodhan	Deep Learning: Unlocking the Full Potential	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			E-Resource Management	AU TVS Centre for Quality Management Students Quality Council, Anna University, Chennai	05.02.2023
4.	21UIT006	R. Nareshan	Network and Cyber Security	Chennai Institute of Technology, Chennai	23.03.2023

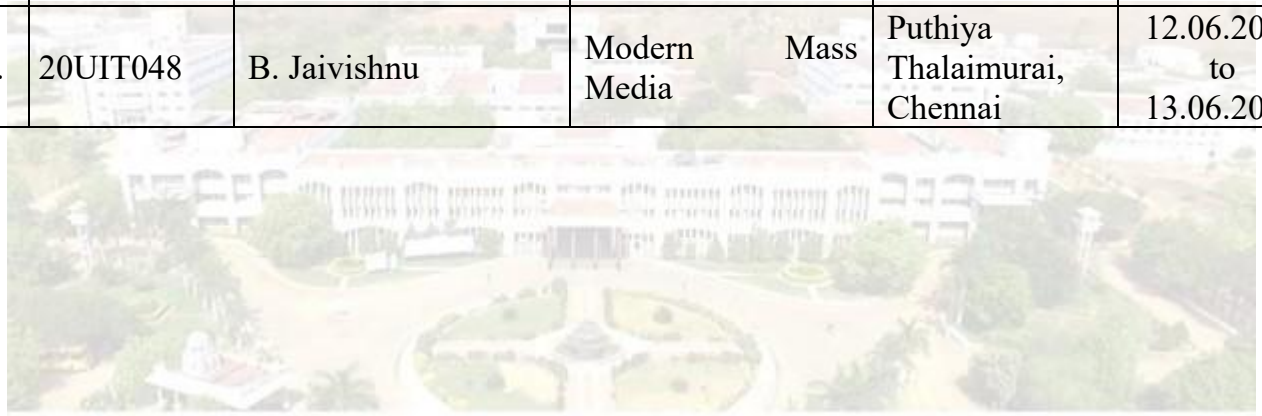
S. No.	Roll Number	Name of the Student	Workshop Title	Organizing Institution	Date
5.	21UIT015	M. Prem Kumar	Network and Cyber Security	Chennai Institute of Technology, Chennai	23.03.2023
			Web Design & Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
			E-Resource Management	AU TVS Centre for Quality Management Students Quality Council, Anna University, Chennai	05.02.2023
6.	21UIT011	D. S. Yazhini	Computer Forensic and Cyber Security	Rathinam Technical Campus, Coimbatore	30.03.2023 to 31.03.2023
7.	21UIT017	K. Veera Balagan	Deep Learning: Unlocking the Full Potential	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
8.	21UIT018	D. Charanya	Hands on Training on Cisco Packet Tracer	National Engineering College, Kovilpatti	17.03.2023 to 18.03.2023
			GreenFoot - Game Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
9.	21UIT020	S.R. Karthika Devi	Creative Fusion	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Game Development	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023

S. No.	Roll Number	Name of the Student	Workshop Title	Organizing Institution	Date
10.	21UIT021	S. Tejash Dakshin	Bigdata Analytics and Cyber Security Solutions	Thiagarajar College of Engineering, Madurai	27.03.2023 to 28.03.2023
11.	21UIT022	M. Subathira Kumari	Creative Fusion	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Game Development	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Recent Trends in Electric Vehicles	Karpagam Academy of Higher Education, Coimbatore	10.02.2023
12.	21UIT023	A. Sandeep Joe	No Code Website Building using WordPress	Foursteps Training Solutions, Madurai	12.02.2023
13.	21UIT028	G. Sharmila Devi	Creative Fusion	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Game Development	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Recent Trends in Electric Vehicles	Karpagam Academy of Higher Education, Coimbatore	10.02.2023
14.	21UIT029	K. Akila	Hands on Training Using Cisco Packet Tracer	National Engineering College, Kovilpatti	17.03.2023 to 18.03.2023
			GreenFoot - Game Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023

S. No.	Roll Number	Name of the Student	Workshop Title	Organizing Institution	Date
15.	21UIT031	S. Dharun	No Code Website Building using WordPress	Foursteps Training Solutions, Madurai	12.02.2023
			Deep Learning: Unlocking the Full Potential	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Exploratory Data Analytics	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
16.	21UIT033	K. Kabilesh	No Code Website Building using WordPress	Foursteps Training Solutions, Madurai	12.02.2023
17.	21UIT038	S. Meenakshi	Creative Fusion	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
18.	21UIT040	G. Vishnu Priya	Modern Mass Media	Puthiya Thalaimurai, Chennai	12.06.2023 to 13.06.2023
			Big Data Analytics and Cyber Security Solutions	Thiagarajar College of Engineering, Madurai	27.03.2023 to 28.03.2023
			Web Design and Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
19.	21UIT041	S. Sibi Siddharthan	Computer, Accessories and Networks: Installation and Troubleshooting	ACIC-Mepco Innovative Foundation, Sivakasi	18.01.2023 to 20.01.2023
20.	21UIT046	P. Joe Selva Rakshan	Bigdata Analytics and Cyber Security Solutions	Thiagarajar College of Engineering, Madurai	27.03.2023 to 28.03.2023

S. No.	Roll Number	Name of the Student	Workshop Title	Organizing Institution	Date
21.	21UIT047	M. Easkkithai @ Sumathi	GreenFoot - Game Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
22.	21UIT049	M. Vishal	Web Design and Development	Mepco Schlenk Engineering College, Sivakasi	17.02.2023 to 18.02.2023
			No Code Website Building using WordPress	Foursteps Training Solutions, Madurai	12.02.2023
23.	21UIT050	S. Christika	Creative Fusion	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Game Development	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
24.	21UIT053	G. Aswathi	Computer Forensic and Cyber Security	Rathinam Technical Campus, Coimbatore	30.03.2023 to 31.03.2023
25.	21UIT054	M. Kishore	Computer, Accessories and Networks: Installation and Troubleshooting	ACIC-Mepco Innovative Foundation, Sivakasi	18.01.2023 to 20.01.2023
26.	21UIT055	M. Arthi	Creative Fusion	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Game Development	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
			Recent Trends in Electric Vehicles	Karpagam Academy of Higher Education, Coimbatore	10.02.2023

S. No.	Roll Number	Name of the Student	Workshop Title	Organizing Institution	Date
27.	21UIT056	M. Praveen Kumar	Bigdata Analytics and Cyber Security Solutions	Thiagarajar College of Engineering, Madurai	27.03.2023 to 28.03.2023
28.	21UIT060	G. Swatheeswari	Modern Mass Media	Puthiya Thalaimurai, Chennai	12.06.2023 to 13.06.2023
			Bigdata Analytics and Cyber Security Solutions	Thiagarajar College of Engineering, Madurai	27.03.2023 to 28.03.2023
29.	21UIT065	P. Saravana Kumar	Deep Learning: Unlocking the Full Potential	PSG College of Technology, Coimbatore	24.03.2023 to 26.03.2023
30.	20UIT048	B. Jaivishnu	Modern Mass Media	Puthiya Thalaimurai, Chennai	12.06.2023 to 13.06.2023





S.No	Roll No	Name of the Student	Name of the Company	Package (LPA)
1.	19UITE001	Venkatesh Prabhu.R	Odessa Technologies	7,50,000
2.	19UITE002	Jona Gabriel Jebaraj.S	Varnik System Services	4,50,000
3.	19UITE003	Leena Velni.S	Cognizant Technology Solutions	4,00,000
4.	19UITE004	Santhosh.G	Cognizant Technology Solutions	4,00,000
5.	19UITE005	Dharika.M	Exaltica	4,50,000
6.	19UITE006	Sivaprakash.G	Neeyoma	3,00,000
7.	19UITE007	Athi Narayana Kesavan.B	Embien Technologies	2,50,000
8.	19UITE008	Abirami.B	Xmplar	3,00,000
9.	19UITE009	Saranya.B	Cognizant Technology Solutions	4,00,000
10.	19UITE010	Shyamala.M	Exaltica	4,50,000
11.	19UITE012	Karthikeyan.R	Exaltica	4,50,000
12.	19UITE013	Sangeetha.N	Cognizant Technology Solutions	4,00,000
13.	19UITE015	Deepika.K	Xmplar	3,00,000
14.	19UITE016	Jeya Sangeetha.A	Cognizant Technology Solutions	4,00,000
15.	19UITE017	Ananthan .C.P	Chainsys	3,05,000
16.	19UITE018	Abhishek.S	Vinsinfo Pvt Ltd	3,00,000
17.	19UITE019	Uma Maheswari.N	Cloud Supply Chain Solutions	5,00,000
18.	19UITE021	Nithya Shri.J	Tata Consultancy Services	3,36,000
19.	19UITE022	Bommi Bharathi.R	Sureti insurance marketing Pvt Ltd	3,00,000
20.	19UITE023	Nivetha.B	HCL Technologies	4,25,000
21.	19UITE024	Naga Saptha Akash.B	Pruvity HR Solutions Pvt. Ltd.	3,60,000
22.	19UITE025	Priyanka.M	Zoho Corporation	5,60,000

23.	19UITE026	Pandi Raja.P	Zoho Corporation	7,00,000
24.	19UITE027	Gokula Indira.R	Pruvity HR Solutions Pvt. Ltd.	3,36,000
25.	19UITE028	Keerthi Vasan.N	Tata Consultancy Services	3,36,000
26.	19UITE029	Nagarjun.G	Cognizant Technology Solutions	4,00,000
27.	19UITE030	Malathi.F	Centizen Inc.	4,00,000
28.	19UITE031	Rakesh.A	Chainsys	3,05,000
29.	19UITE032	Divya Varshini.M	Aptean	6,00,000
30.	19UITE033	Sangeetha Mari.T	White Pixel Technologies	4,50,000
31.	19UITE035	Sri Ram Murthi.K	Data Pattern (India) Limited	4,20,000
32.	19UITE036	Srinithi.B	Blue Cloud Cognizant Technology Solutions	3,00,000 4,00,000
33.	19UITE037	Lavanya.S	Centizen Inc.	4,00,000
34.	19UITE041	Naren.G	Kumbhaatech	2,00,000
35.	19UITE042	Shree Ram Pandian.S	Flipkart	3,00,000
36.	19UITE043	Dhanasekara Pandian.G	Data Pattern (India) Limited	4,20,000
37.	19UITE047	Rakshana.M	Chainsys	3,05,000

THINK !!!

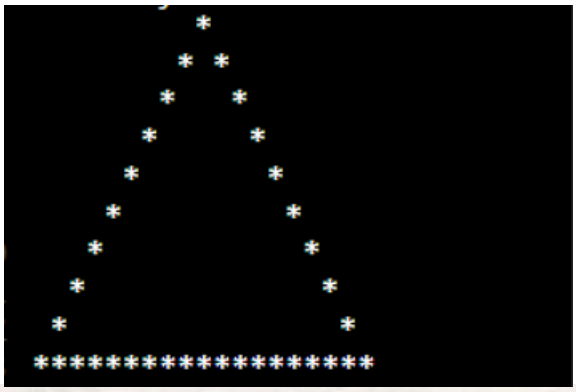


Hollow Pyramid Star Pattern Program Using For Loop

```
public class PASMtangle{
public static void main(String[] args){
Scanner sc=new Scanner(System.in);
System.out.println("Enter N : ");
int n=sc.nextInt();
System.out.print("Enter Symbol : ");
char c = sc.next().charAt(0);
for(int i=1;i<=n;i++){
for(int j=1;j<=n-i;j++){
System.out.print(" ");
}
if(i==1 || i==n)
for(int j=1;j<=i*2-1;j++){
System.out.print(c);
}
else{
for(int j=1;j<=i*2-1;j++){
if(j==1 || j==i*2-1)
System.out.print(c);
else
System.out.print(" ");
}
}
System.out.println();
}}}
```

Output:

Enter N :
10
Enter Symbol : *



VISHNU PRIYA.G

21UIT040 - II IT



CHIEF EDITOR

Dr. E.Vakaimalar, HoD/IT

NEWSLETTER IN-CHARGE

Mrs.S.Gayathri, AP/IT

Mrs.V.Gayathri, AP/IT

STUDENT EDITORS

Mr.P.Pandi Raja, IV IT

Ms.M.Priyanka, IV IT

Mr.V.Jaivishnu, III IT

Ms.A.Meenakshi Priyadharshini , III IT

Mr.S.Dharun, II IT

Ms.M.Esakkithai @ Sumathi ,III IT

Ms.G.Vishnu Priya , II IT