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

JANUARY 2022

VOLUME 6 ISSUE 1

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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.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) [REGULATION 2017]

PEO 1: Graduates of the programme will exhibit expertise in technical knowledge by applying distinctive skills in various fields of Information Technology

PEO 2: Graduates will become pioneers in the field of IT by working collaboratively and providing solutions to meet societal needs through persistent learning

PEO 3: Graduates will be able to adopt innovative practices and contribute towards research and technological development in the field of IT through Total Quality Education.

PROGRAM EDUCATION OBJECTIVE (PEOs) [AUTONOMOUS]

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.

PROGRAMME SPECIFIC OUTCOMES (PSOs [REGULATION 2017]

Engineering Graduates will be able to:

PSO 1: Design and develop applications in the field of Information Technology by applying the knowledge acquired from Computer Organization & Engineering, Networking, Software Engineering & Programming, Data Analytics & other allied topics.

PSO 2: Demonstrate an ability to analyse, design, and develop software solutions to cater the needs of diversified business sectors.

PROGRAM SPECIFIC OUTCOMES (PSOs) [AUTONOMOUS]

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 competant 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 9 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 three 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, Augumented 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. P. Subathra Heads the Department of Information Technology since August 2015. She received her Doctorate in Philosophy in the field of Information and Communication Engineering from Anna University, Chennai. She completed her PG in Computer Science and Engineering in 2001 & UG in Electrical and Electronics Engineering from Madurai Kamaraj University, Madurai in 2000. Her area of interest includes Networks and Network Security. Under her guidance, one scholar has completed Doctoral Degree. Also she is guiding one research scholar under Anna University, Chennai. She has published around 10 international journals and conferences for her credit. She has given guest lecture in various institutions on Network Security, Soft Computing and IoT.

PROJECT LOON

Expanding internet connectivity with stratospheric balloons

Billions of people across the globe still don"t have reliable, affordable access to the internet. Loon was a radical approach to expanding internet connectivity. Instead of trying to extend the internet with traditional ground-based infrastructure like fiber optics cables or cell phone towers, Loon took to sky with a network of balloons. Loon"s balloons traveled along the edge of space to expand internet connectivity to rural areas, fill coverage gaps and improve network resilience in the event of disaster.The Loon team started out flying early prototypes through California's central valley to see if the idea had promise. In 2013 the team found some friendly New Zealanders who were the first in the world to connect to the internet via a stratospheric balloon.
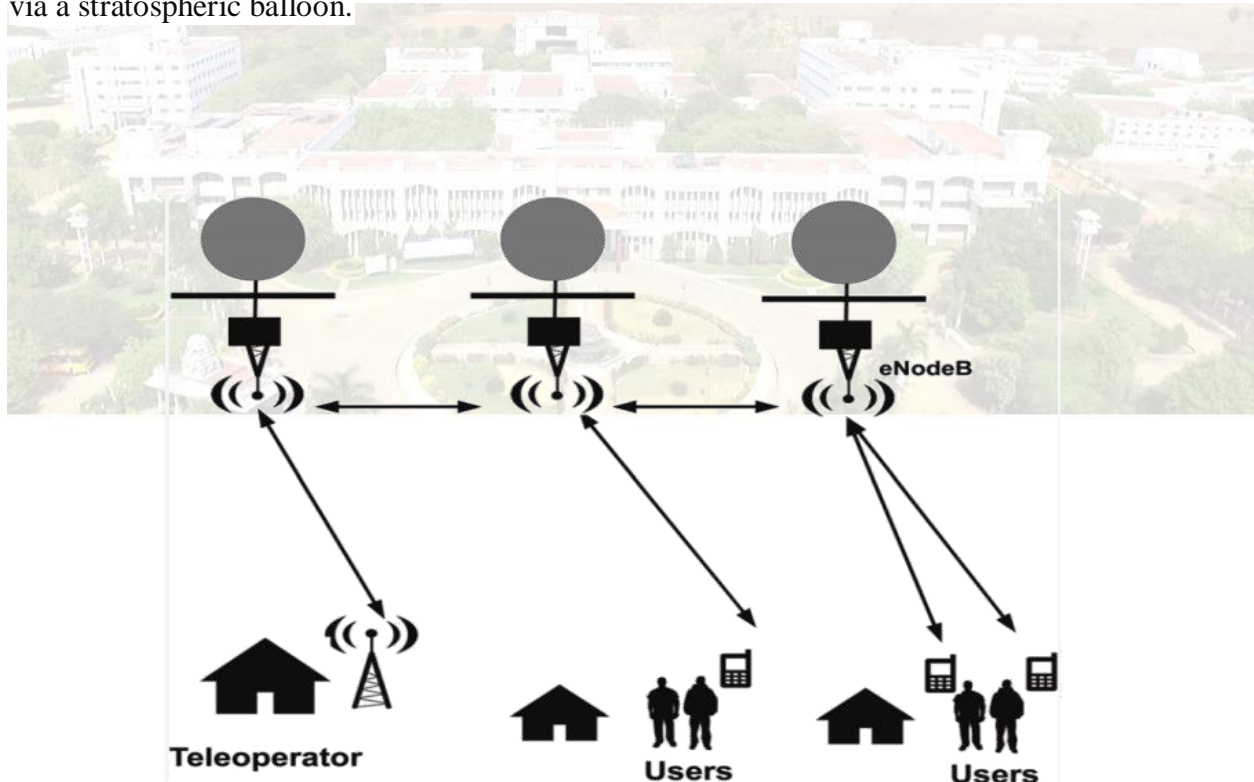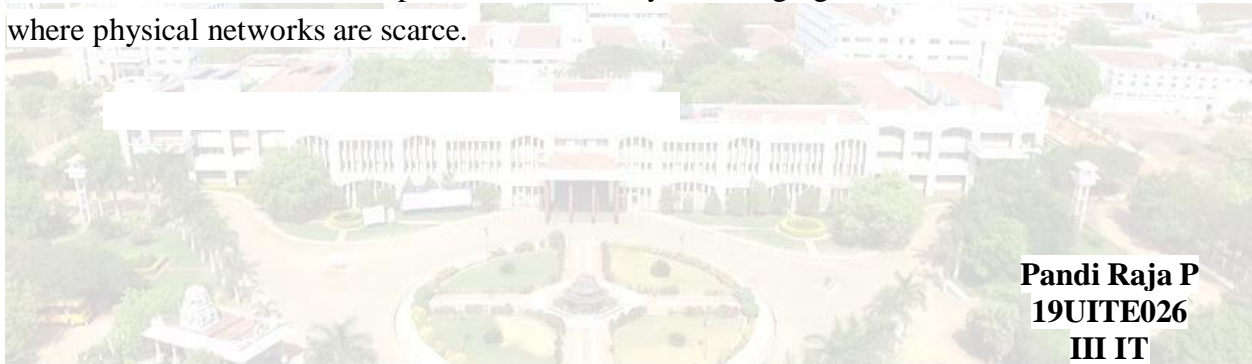
In 2017, when <u>flooding in Peru</u> and a <u>major hurricane in Puerto Rico</u> knocked out critical ground infrastructure, the Loon team navigated balloons to the disaster regions and provided emergency connectivity to hundreds of thousands of people.

The Loon team had a lofty goal: designing a balloon that could last for hundreds of days in the harsh conditions of the stratosphere, where winds can reach 100km/hour and temperatures and temperatures can drop to 90 degree Celsius all while delivering constant connectivity. The team spent years refining their designs, and eventually set a record with a balloon that flew more than 300days before it came down to Earth.

Despite Loon"s extraordinary technical progress, SoftBank corp stated a plan to use sky craft, rather than balloons, to provide connectivity in emerging markets and more remote areas where physical networks are scarce.

Pandi Raja P
19UITE026
III IT

Reference:

- https://x.company/projects/loon/
- https://blog.google/alphabet/introducing-project-loon/

VISUAL CRYPTOGRAPHY

Visual Cryptography is a cryptographic technique which allows visual information (pictures, text, etc.,) to be encrypted in such a way that the decrypted information appears as a visual image.

One of the best known techniques has been credited to Moni Naor and Adi Samir, who developed in 1994. In this, they demonstrated visual secret sharing scheme in which an image is broken into **n** number of shares. For instance, in Figure 1 the secret image is divided in to 2 shares.
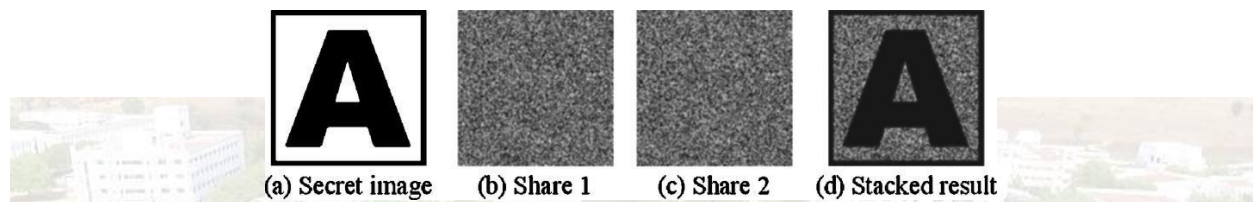

(a) Secret image (b) Share 1 (c) Share 2 (d) Stacked result

Figure 1: Visual Cryptography

The person with all the **n** number of shares only can decrypt the image. The person with **n-1** also cannot decrypt the image other than this secret sharing scheme **k** out of **n** visual cryptography scheme is also there. In here, only **k** shares are need for decrypting the image. In halftone visual cryptography, cryptography the shares are broken as dotted pixels. There are various schemes for RGB images, gray scale images and black & white. Many researchers are going in the field of visual cryptography some of its applications are secret communication, copyright protection and document authentication.

S. Banu Priya

18UITE038

IV IT

Reference:
- https://www.researchgate.net/publication/253330356_A_Visual_Cryptographic_Encryption_Technique_for_Securing_Medical_Images
- https://arxiv.org/ftp/arxiv/papers/1307/1307.7791.pdf

10 INTERESTING FACTS OF TECHNOLOGY

1. QWERTY keyboard was designed to slow down the typing speed

2. Russia built a computer that ran on water: in 1936

3. The first computer mouse was called „X-Y Position Indicator for Display Systems"

4. Wikipedia is maintained by thousands of bots

5. You can visit the world's first webpage even today -

   http://info.cern.ch/hypertext/WWW/TheProject.html

6. Apple once forayed into the apparel business

7. Original name of Microsoft Windows was "Interface Manager"

8. NASA's internet speed is **91 GB per second**

9. The First Apple Logo

10. Amazon Alexa stores your conversations with the device

Dr. R. Arthy
AP/IT

Reference:

- https://www.lokajittikayatray.com/post/10-amazing-little-known-facts-about-technology
- https://scope.ie/fun-and-interesting-facts-about-technology/

Madhumithra S

18UITE004

IV IT

EVENTS ORGANIZED

ASSOCIATION ACTIVITIES

BEST CRYPTANALYST – AN ONLINE TECHNICAL CONTEST
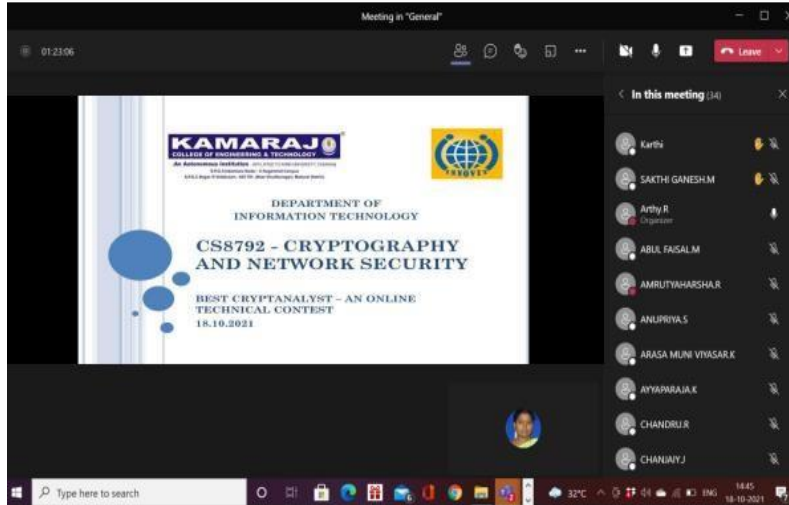
Coordinator: Dr R.Arthy (AP/IT)

Date: 18-10-2021

Participants: IV IT students

ISTE EVENT

+ **JAVA GAME SHOW**
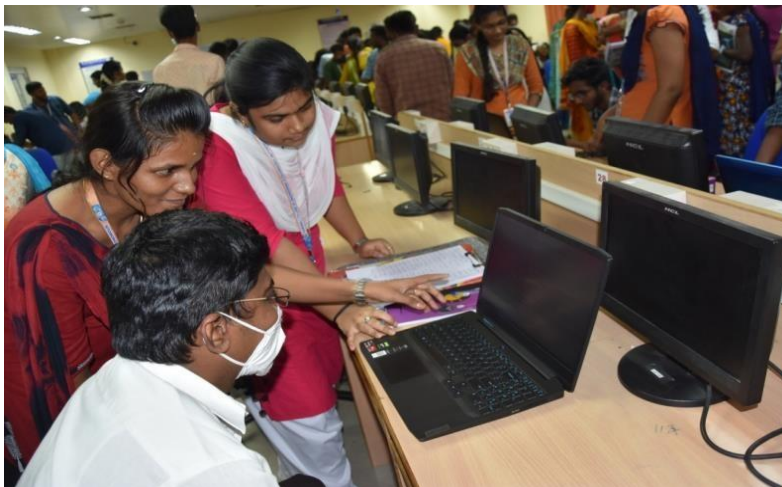
Coordinator: Dr R.Arthy
                 (AP/IT)

Date: 14-12-2021

Participants: II IT students

♣ TECHNICAL CONTEST ON CLOUD COMPUTING
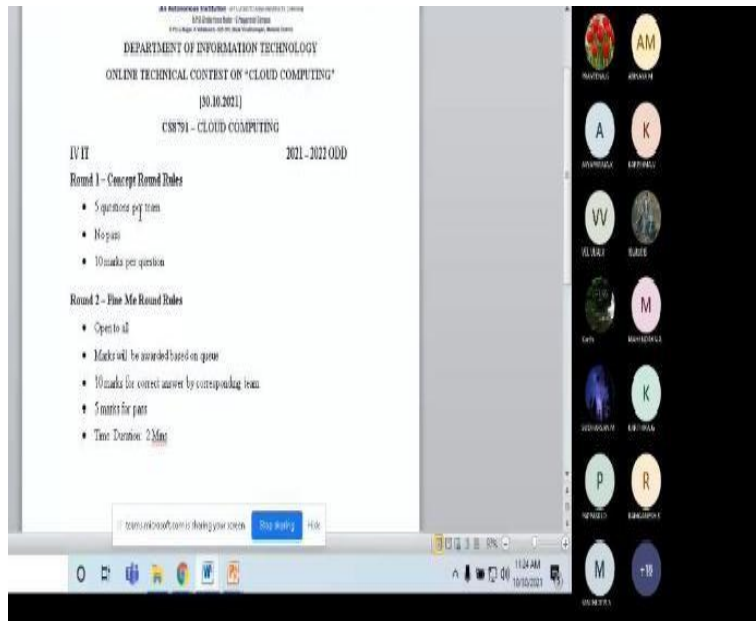
Coordinator: Ms P.Kaviya(AP/IT)

        AP/IT

Date: 30-10-2021

Participants: IV IT students

GUEST LECTURES

CARRER GUIDANCE

Resource Person:

Er.J.Sivaguru **(Alumni)**

Assistant System Engineer,

TCS, Chennai

Date   :25.07.2021

ENTERPRISE RESOURCE PLANNING
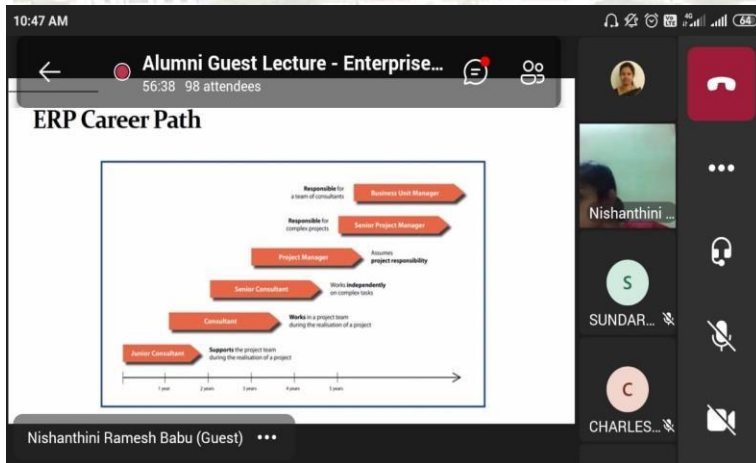
Resource Person:

Mrs.P.Nishanthini**(Alumni)**

SAP FICO Consultant, Infosys,

Chennai

Date   :28.08.2021

SOFT SKILLS
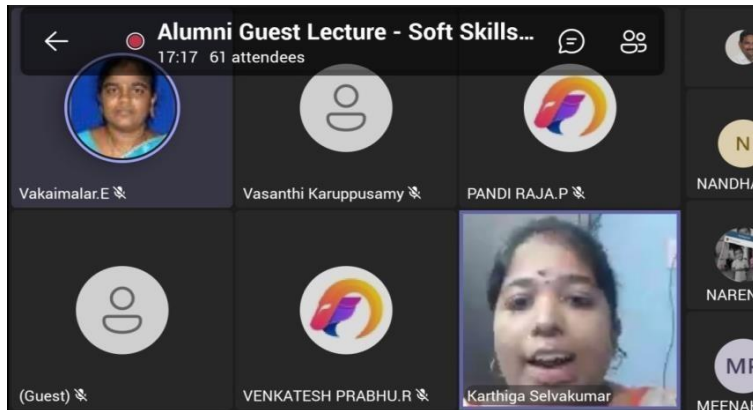
Resource Person:

Mrs S.Karthiga **(Alumni)**

Technical Content Creator,

FACE,

Coimbatore

Date : 26.10.2021

CRYPTOGRAPHY

Resource Person:

Mr. Vijayakumar Kaliaperumal,
Consultant, TCS (Certified
Information Systems
Security Professional

Date   : 24.12.2021

CAMPUS NETWORKING

Resource Person:

Mr.S.Balasubramanian
System Administrator,
KCET

Date   : 23.12.2021 & 24.12.2021

HARDWARE TROUBLESHOOTING

Resource Person:

Mr.D.Sinagraj,

Mr.M.Paranikumar

Technician/IT

KCET.

Date **:** 23 .12.2021& 24.12.2021

GOAL SETTING

Resource Person:

Mr. S. Sivanesh Kumar**,**

Agile Coach / Scrum

Master, WIPRO.

Date **:** 03.01.2022

CURRENT TRENDS IN IT

Resource Person:

Mr. M. Kesav Sundar**,**

Technical Lead,

Mithrasoft,

Kovilpatty

Date **:** 22.01.2022

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 Programme	Date	Organizing Institution	Resource Person/Chair Person/ Guest Speaker, etc
1.	Dr. P. Subathra	Preparedness for NBA with respect to Performance Level Indicators for the Department of Information Technology	8.9.2021	Department of Information Science and Engineering, Sir M Visvesvaraya Institute of Technology	Resource Person
2.	Dr. P. Subathra	Guest Lecture for Faculty Members on "Cyber Forensics"	23.11.2021	Department of Information Science and Engineering, Sir M Visvesvaraya Institute of Technology	Resource Person
3.	Mr D. Vendhan	Student Induction Program 2021	08.11.2021 to 20.11.2021	KAMARAJ College of Engineering and Technology	Resource Person
4.	Dr. P. Subathra	AICTE Sponsored FDP on Next Generation Computing and its Application (Artificial Intelligence, Machine	21.12.2021	Department of ECE, KAMARAJ College of Engineering and Technology	Resource Person

S.No	FDP/ Workshop/STTP etc.	Name of the faculty	Name of the Programme	Date	Organizing Institution	Participated/ Presented
5.		Mr D. Vendhan	Toycathon 2021	December	Ministry of Education	Resource Person

FDP/Workshop/STTP/Certification Pogrammes attended

S.No	FDP/ Worksh op/STT P etc. .	Name of the faculty	Name of the Programme	Date	Organizing Institution	Participated/ Presented
1.	FDP	Dr.P.Subathra	Design Thinking And Creativity For Educators	27.09.2021 - 1.10.2021	Vels Institute of science Technology and advanced studies	Participated
			ATAL FDP on Virtual/Augment ed Reality	29/11/2021 to 03/12/2021	Sipna College of Engineering and Technology,Amrav ati.	
			FDP on Digital Teaching Techniques	27.12.2021 - 31.12.2021	ICT Academy	
2.	FDP	Dr.E.Vakaimalar	Robotics and Artificial Intelligence	13.12.2021 - 17.12.2021	Manav Rachna International Institute of Research and Studies	Participated
			Course on AI Master Class	20.12.2021 to 23.01.2022	Pantech Prolabs India Limited	
			FDP on Deep Learning and Computer Vision	03.01.2022 to 07.01.2022	Manipal University, Jaipur	
3.	ATAL FDP	Dr. R. Arthy	Cyber Security and Blockchain	13.12.2021 to 17.12.2021	Gobal Academy of TechnologyPA	Participated
			Deep Learning for Natural Language Processing	15.11.2021 to 19.11.2021	Bhilai Institute of Technology Drug	

4.	FDP	Mrs D.Kayathri Devi	Advance AI Techniques with MATLAB – Applications and Challenges in Industry 4.0	24.09.2021 & 25.09.2021	DesignTech Systems Pvt. Ltd.,	Participated
			Role of AI in Software Fault Prediction	28th & 29th Oct2021	Department of Computational Intelligence, SRM Institute of Science and Technology, Chennai	
			STTP on IoT and Machine Learning	03.12.2021 to 09.12.2021	JNTU, Hyderabad	
			FDTP on Computational Intelligence	24.01.2022-29.01.2022	Sri Ramakrishna Engineering College	
5.	FDP	Mrs V.Deepa priya	IoT	05/10/2021 - 09/10/2021	Institute of Technology Gopheswar	Participated
			Machine Learning using R	25/10/2021 - 29/10/2021	NITTTR, Kolkatta	
			ATAL FDP on "Data Science using Python"	15.11.2021 - 19.11.2021	University of Hydrabad	
			Application of Cryptographic Tools for Data and Image Securities	6.12.2021 - 10.12.2021	IIIT Kalyani	
			STTP on Intelligent Computing using python	22.12.2021 - 29.12.2021	SONA College of Engineering	
6.	ATAL FDP	D. Vendhan	ATAL FDP on Internet of Things (IoT)	08.11.2021 - 12.11.2021	Punjabi University Patiala	Participated
			ATAL FDP on Role of IOT in Cyber Security	29.11.2021 to 03.12.2021	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY	

7.	FDP	Ms P Kaviya	PALS VLAB	06.09.2021 to 08.09.2021	NITK, Surathkal	Participated
			ATAL FDP on Advanced in Fog and Edge Computing Challenges and Research Directions	26/10/2021 to 30/10/2021	NIT, Skkim	
			ATAL FDP on "Introduction to cryptology"	24.11.2021 to 28.11.2021	NIT, Trichy	
8.	FDP	Mr C. Raj Kannan	ATAL FDP on Internet of Things	06-12-2021 to 10-12-2021	Center of e-governance, Rajasthan	Participated
			Course on AI Master Class	20.12.2021 to 23.01.2022	Pantech Prolabs India Limited	
9.	FDP	Mrs P.Priyadharshini	ATAL FDP on Advance Statistical and Machine learning models	15-12-2021 to 19-12-2021	Indian Institute of Information Technology, Ranchi	Participated
			PALS FDP on How teachers can make a difference	22.12.2021 to 24.12.2021	Teaching Learning Centre, IITM	
			DIGITAL TEACHING TECHNIQUES	27.12.2021 to 31.12.2021	ATOS Syntel, ICT Academy	
			FDP on Game theory and communication networks	10.01.2022-14.01.202	IIIT Vadora	

Total Number of Students in IV year	48
Number of Students Placed	32
Percentage of Placement	66.67
Maximum Salary (LPA)	5.4 LPA
Minimum. Salary (LPA)	2.4 LPA
Average Salary (LPA)	3.9 LPA
Total Number of Offers	42
Number of Unique Offers	16
Number of Dual Placements	4
Number of Triple Placements	3

SI. No	Roll No	Name	Company	Package(LPA)	Month of Placement
1	18UITE001	Amrutya Harsha R	Capegemini	4LPA	January 2022
2	18UITE004	Madhumithra S	TCS	3.36LPA	October 2021
			Wipro	3.5LPA	November 2021
			Infosys	3.60LPA	December 2021
3	18UITE005	Manikandan Prabhu R	Centizen	4LPA	August 2021
4	18UITE006	Sakthi Ganesh M	Infosys	3.60LPA	December 2021
5	18UITE008	Vel Vijai V	Atos - Syntel	3.30LPA	December 2021
			Capegemini	4LPA	January 2022
			Tech Mahindra	3.25LPA	January 2022
6	18UITE009	Shreenithy R	Auction Software	3.60LPA	November 2021
7	18UITE014	Ayyaparaja K	TCS	3.36LPA	October 2021
8	18UITE015	Jeya Rubesh A	Accenture	4.5LPA	September 2021
9	18UITE018	Sabin Anto M	CTS	4LPA	October 2021
10	18UITE019	Gopinath R	Capegemini	4LPA	January 2022
11	18UITE022	Rahul T	Jmans	3.5 LPA	February 2022
12	18UITE024	Karthikeyan M	TCS	3.36LPA	October 2021
13	18UITE026	Malinidevi S	CTS	4LPA	October 2021
14	18UITE027	Mahendran A	Wipro	3.5LPA	November 2021

15	18UITE028	Praveena G	TCS	3.36LPA	October 2021
16	18UITE030	Karthick Guru J	Ekalaiv	2.4LPA	January 2022
17	18UITE032	Chandru R	Centizen	4LPA	August 2021
18	18UITE034	Saminathan G	CTS	4LPA	October 2021
			Wipro	3.5LPA	November 2021
19	18UITE035	Harithanjali K	Accenture	4.5LPA	September 2021
20	18UITE036	Karthika G	Accenture	4.5LPA	September 2021
21	18UITE037	Karuppasamy S	Finsurge	3LPA	November 2021
22	18UITE038	Banu Priya S	Centizen	3LPA	September 2021
			TCS	3.36LPA	October 2021
23	18UITE039	Abul Faisal M	Chainsys	3.05LPA	October 2021
			Wipro	3.5LPA	November 2021
24	18UITE040	Nandhakumar S	TCS	3.36LPA	October 2021
25	18UITE041	Karthikeyan T	Centizen	4LPA	August 2021
26	18UITE042	Parthasarathy L	CTS	4LPA	October 2021
			Wipro	3.5LPA	November 2021
27	18UITE044	Hari Vignesh M	TCS	3.36LPA	October 2021
28	18UITE046	Karishma V	Ekalaiv	2.4LPA	January 2022
29	18UITE047	Kayal Arasi R	Vuram Technology	4.5LPA	August 2021
			Accenture	4.5LPA	September 2021
			CTS	4LPA	October 2021
30	18UITE048	Nithyan G	Aptean	5.4LPA	November 2021
31	18UITE051	Arun Prasath D	Accenture	4.5LPA	September 2021
32	18UITE052	Swetha S	Aptean	5.4LPA	November 2021

COMPANY PROFILE

Cognizant

Cognizant is an American multinational information technology services and consulting company. It is headquartered in Teaneck, New Jersey, United States. It was founded as an in-house technology unit of Dun & Bradstreet in 1994, and started serving external clients in 1996.But actual founders of Cognizant was Kumar Mahadeva and Francisco D'Souza at 1994.

On 20 Jan, 1994 Cognizant registered its branch in Chennai, Tamil Nadu, India with the legal name Cognizant Technology Solutions India Private Limited.

CEO of Cognizant is Brian Humphries. Revenue of Cognizant is US$18.65 billion. The company has 318,400 employees globally, of which over 150,000 are in India across 10 locations with a plurality in Chennai. Average salary of an employee is 410,000 per annum. Cognizant doing Industry, Infrastructure Services, Security, Consulting types of project.

Cognizant is a leading provider of information technology, consulting, and business process outsourcing services, dedicated to helping the world's leading companies build stronger businesses.

Cognizant is very good place for working. They provide good training and seniors would also help us in growing our career. Work was more productive. Everyone are very friendly and not much pressure is there during work.

Website: www.cognizant.com

Malinidevi S

18UITE026

IV IT

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION- ONLINE COURSES

Name of the Online Portal	Number of Students			Number of Certificates Received			Total Number of Certificates
	II	III	IV	II	III	IV	Total
Coursera	-	6	-	-	6	-	6
Udemy	-	1	-	-	1	-	1
Skillrack	-	5	-	-	5	-	5
E SkillIndia	35	17	-	35	17	-	52
EBox and others	-	6	-	-	6	-	6

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
1. .	19UITE001	Venkatesh Prabhu R	Data Visualization and Dashboards with Excel and Cognos	Coursera	20.01.2022
			Take your first step with C#	E skill India	21.01.2022
			Problem Solving, Data Structures and Algorithms through Python	E box	April to June 2021
			C programming Webminars	Skillrack	18.11.2021
2.	19UITE003	Lennavelni S	Take your first step with C#	E skill India	21.01.2022
3.	19UITE004	Santhosh G	Introduction to graphics design	E skill India	24.01.2022
4.	19UITE005	Abirami B	Take your first step with C#	E skill India	25.01.2022
			Cloud administration basics	E skill India	25.01.2022
5.	19UITE009	Saranya B	Take your first step with C#	E skill India	26.01.2022
			Cloud administration basics	E skill India	16.01.2022
6.	19UITE011	Balakrishnan P	HTML course	Sololearn	14.01.2022
			C course	Sololearn	14.01.2022
7.	19UITE013	Sangeetha N	Introduction to graphics design	E skill India	24.01.2022

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
8.	19UITE019	Umamaheshwari N	Take your first step with C#	E skill India	21.01.2022
9.	19UITE024	Naga Sapta Aakash B	Cloud administration basics	E skill India	24.01.2022
10.	19UITE025	Priyanka M	Take your first step with C#	E skill India	21.01.2022
11.	19UITE026	Pandiraja P	Take your first step with C#	E skill India	20.01.2022
			C programming Webminars	Skillrack	18.11.2021
			Natural Language processing in Tensor Flow	Coursera	17.10.2021
			Sequence Time Series and prediction	Coursera	14.11.2021
			Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning	Coursera	25.07.2021
			Convolutional Neural Networks in TensorFlow	Coursera	14.11.2021
			Problem Solving, Data Structures and Algorithms through Python	E box	April to June 2021
12.	19UITE027	Gokula Indira R	Introduction to graphics design	E skill India	23.01.2022
13.	19UITE028	Keerthivasan N	Introduction to graphics design	E skill India	20.01.2022
14.	19UITE029	Nagarjun G	Introduction to graphics design	E skill India	20.01.2022
			C programming Webminars	Skillrack	19.11.2021
			SQL	Sololearn	11.08.2021
15.	19UITE031	Rakesh A	Maya for Beginners:Complete guide to 3D animation in Maya	Udemy	24.01.2022
16.	19UITE032	Dhivyavarshini M	Take your first step with C#	E skill India	25.01.2022
17.	19UITE035	Sriram murthi K	Domestic Data Entry Operator-English	SkillsTrainer	21.01.2022
18.	19UITE041	Naren G	Introduction to graphics design	E skill India	21.01.2022
19.	19UITE042	Sriram pandian S	Introduction to graphics design	E skill India	22.01.2022

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
20.	19UITE043	Dhanasekarapandian G	Introduction to graphics design	E skill India	22.01.2022
			Python for Beginners	Sololearn	04.01.2022
			HTML	Sololearn	07.07.2021
			C programming Webminars	Skillrack	18.11.2021
21.	19UITE044	Arunkumar M	Introduction and Programming with IoT Boards	Coursera	17.01.2022
			C programming Webminars	Skillrack	22.11.2021
22.	20UITE001	Pavithra A	Introduction to graphics design	E skill India	20.01.2022
			Writing a resume	E skill India	19.01.2022
23.	20UITE002	Tharanidevi B	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
24.	20UITE004	Arulmathi	Introduction to graphics design	E skill India	18.01.2022
			Writing a resume	E skill India	18.01.2022
25.	20UITE005	Kethsy V	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
26.	20UITE006	Balarjun	Introduction to graphics design	E skill India	20.01.2022
			Writing a resume	E skill India	20.01.2022
27.	20UITE007	Logeshwaran M	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	18.01.2022
28.	20UITE010	Madhumitha V	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
29.	20UITE011	Nivash P	Introduction to graphics design	E skill India	19.01.2022

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
			Writing a resume	E skill India	19.01.2022
30.	20UITE012	Anbarasu M	Domestic Data Entry Operator-English	SkillsTrainer	22.01.2022
31.	20UITE013	Harshitha B	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	18.01.2022
32.	20UITE014	Jayavarshini	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
33.	20UITE015	Dharani M	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	18.01.2022
34.	20UITE016	Yogitha V	Introduction to graphics design	E skill India	20.01.2022
			Writing a resume	E skill India	20.01.2022
35.	20UITE017	Srivasi S	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
36.	20UITE021	Sridevi R	Writing a resume	E skill India	19.01.2022
37.	20UITE026	Shivasankar S	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
38.	20UITE027	Srienath Vaisakh N	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	18.01.2022
39.	20UITE028	Swetha G	Writing a resume	E skill India	19.01.2022
40.	20UITE029	Charles S	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022

S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
41.	20UITE030	Jananisri	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
42.	20UITE031	Karthikeyan M	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
43.	20UITE032	Meenakshi Priyadharshini	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
44.	20UITE033	Veerasakthivel S	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
45.	20UITE034	Saranya K	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
46.	20UITE035	Arun Karthik R	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
47.	20UITE036	Kalivignesh G	Introduction to graphics design	E skill India	20.01.2022
			Writing a resume	E skill India	20.01.2022
48.	20UITE037	Sundareshwaran J	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
49.	20UITE038	Rasathi R	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
50.	20UITE039	Sritharan	Introduction to graphics design	E skill India	20.01.2022
			Writing a resume	E skill India	20.01.2022
51.	20UITE040	Ragavi Alias Vennila	Introduction to graphics design	E skill India	18.01.2022

| S. No.	Roll Number	Name of the Student	Name of the Course	Name of the University / Industry	Date
			Writing a resume	E skill India	18.01.2022
52.	20UITE041	Kowsalya T	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	18.01.2022
53.	20UITE042	Ani Kingestha P	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	18.01.2022
54.	20UITE046	SriReshma V	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
55.	20UITE048	Jaivishnu B	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
56.	20UITE050	Jeyabalaji P	Introduction to graphics design	E skill India	19.01.2022
			Writing a resume	E skill India	19.01.2022
57.	20UITE051	Rajesh Kumar	Introduction to graphics design	E skill India	18.01.2022
			Writing a resume	E skill India	18.01.2022

THINK!!!

1. What is the output of the following program?

```java
class Class
{
    public String toString(){
            return " KCET";
        }
    static int expression() {
            int i=13;
            return ++i *i++*20 + 1039;
    }
}
public class Magazine
{
    public static void main(String arr[]){
            Class obj = new Class();
            System.out.print(Class.expression());
            System.out.println(obj);
    }
}
```

OUTPUT:

Refer Page No. 35
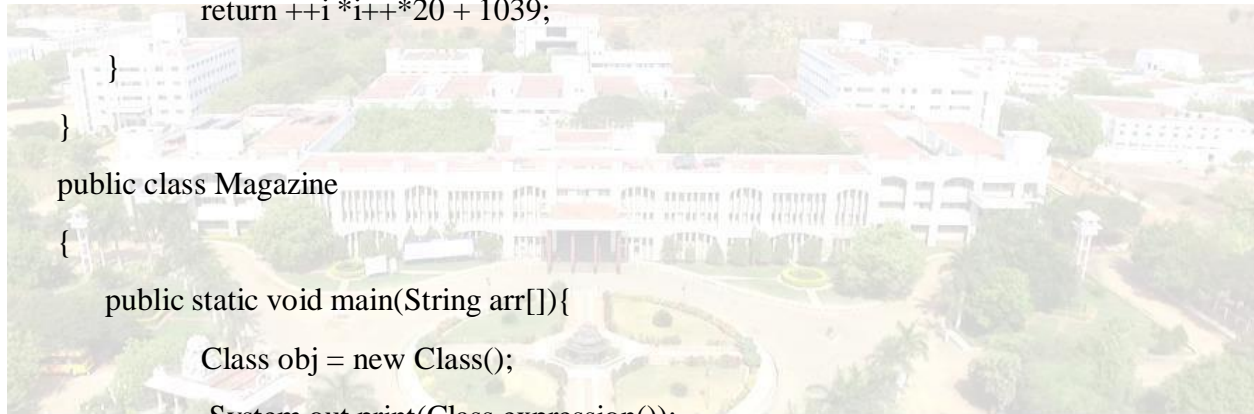
Sundareshwaran. J

20UIT037

II IT

Find out

1. The process to gather the software requirements from client, analyze and document them is known as _____.

2. My Computer was introduced from _____.

3. To represent hierarchical relationship between elements, _____ data structure is suitable.

4. A Stack-organised Computer uses instruction of _____.

5. _____ terms is just the collection of networks that can be joined together

6. World''s first cellular system was developed by

7. _____ categories of functions involved in Data Mining.

8. The _____ passes the information given by the user to a specified program.

9. _____ is a part of network identification

10. Cohesion and coupling are represented by using _____.
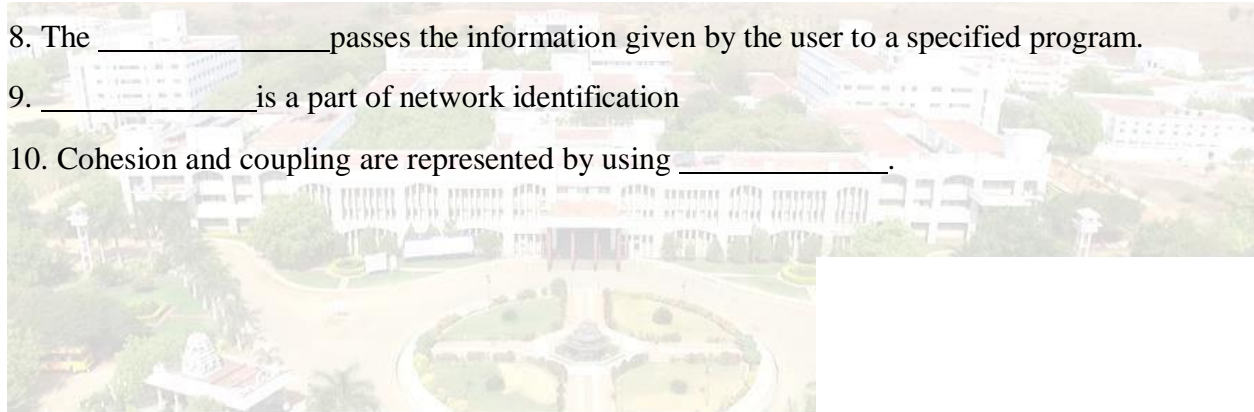
Answers:
    Refer Page.no:35

Pavithra A

20UIT001 II IT

ALUMNI CORNER

DevOps

DevOps is an amalgamation of both Development and Operations. It is one of the latest trends in the market which triggers the rapid development and deployment of software applications.

It provides a compact and controllable automation's process by means of advanced tools, monitoring mechanisms and security configurations. With DevOps, we can make the development and Operation teams to work together on the same product.

DevOps Methodology :

DevOps is not a specific framework or a technology, it"s the concept that cover each and every culture that is being implemented, maintained and organized by the organization. It depends on various standards, processes and tools that are being used by the organization.

The Initial implementation of DevOps infrastructure in an organization deals with Continuous Integration and Continuous Delivery (CI/CD), Independent Development Platforms and Real-Time Monitoring of the system.
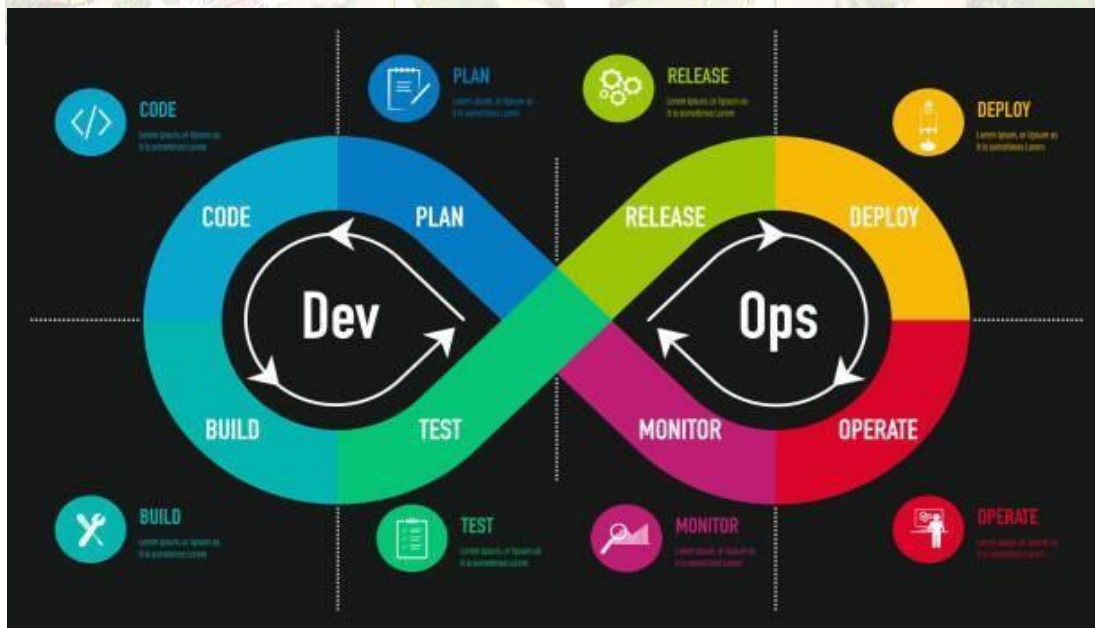
DevOps Concepts :

- Increase Efficiency by means of Automation.
- Rapid Development and Secure maintenance of Software.
- Continuous Integration and Continuous Delivery.
- Secure End-to-End monitoring and Testing.

Scope Of DevOps :

Automation will play a vital role in the future of DevOps and it will bring a greater concern on Cloud optimization technologies. The centralized culture of cloud technologies provides a stable platform for the software development processes. Based on the needs and latest trends DevOps will automate itself.

Malik Chandra Pandian T,

Devops Engineer,

Centizen Inc,

(2017-2021 Batch)

QUIZ- Solutions

1. 4959 KCET

2.
   1. Requirement Engineering

   2. Windows 95

   3. Tree

   4. Zero addressing

   5. Intranet

   6. Nippon Telephone and Telegraph (NTT)

   7. 2

   8. Web Server

   9. User ID

   10. Dependence matrix

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