SCUD

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ARSENAL
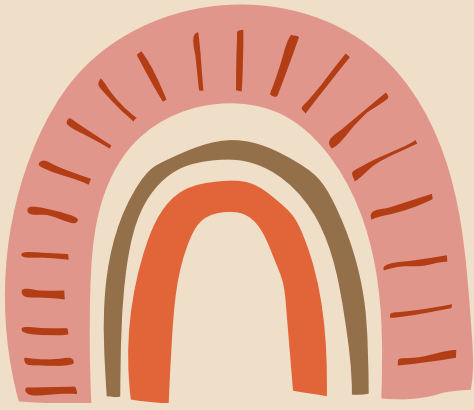
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- ✓ Mr. N.V.M.K. Raja (Asst Professor)

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- S.Harshitha (21A81A0552)
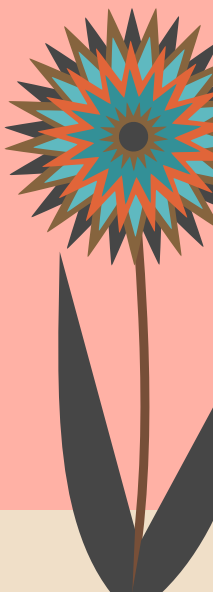- G.Dinesh (21A81A0515)
- P.Vijaya (21A81A0543)
- G.Aishwarya (21A81A0516)
- S.Bharath Kumar (21A81A05P7)
- K.L.S.Abhinaya (21A81A05M9)

CONTENTS

SCIENCE & ART TONE IN

BLACKBERRY TECHNOLOGY

Blackberry technology, developed by BlackBerry Limited, was known for secure smartphones with features like push email, physical keyboards, and BlackBerry Messenger.

It faced competition from IOS and Android, shifting focus to enterprise solutions. As of 2021, its prominence in consumer market declined, emphasizing security and software services.

USES:

BlackBerry technology's influence has shifted from its prominence in consumer smartphones to specialized areas where security, communication, and efficiency are paramount. BlackBerry's legacy of strong security features finds utility in today's landscape through enterprise security solutions, safeguarding sensitive data and communications against cyber threats. The expansion of the Internet of Things (IoT) has prompted the application of BlackBerry's security expertise to protect interconnected devices and networks. The automotive industry benefits from BlackBerry's QNX software, utilized in infotainment systems and safety-critical applications. Sectors such as healthcare, government, military, legal, and finance also leverage BlackBerry's secure communication technology to preserve data privacy. While its presence in the consumer market has waned, BlackBerry's legacy continues to thrive in these domains where its technology addresses modern security and connectivity challenges.

Advantages:

- ➢ Used for office purpose
- ➢ Network technology
- ➢ VPN configuration
- ➢ Push mail

Disadvantages:

- ➢ A small number of apps
- ➢ Can be stolen
- ➢ Difficult to use

K. Lakshmi Shanu Abhinaya

21A81A05M9

The Art of Pixels

In a world filled with high-resolution images and cutting-edge graphics, there's an art form that harks back to a simpler, more nostalgic era. It's a creative medium that embraces limitations and turns them into opportunities for innovation. This art form is known as pixel art, and it has a unique charm and appeal that continues to captivate artists and enthusiasts alike.
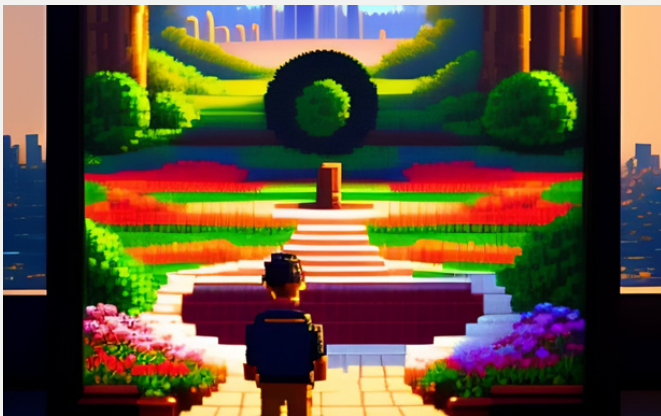
WHAT IS PIXEL ART?

Pixel art, often referred to as pixelated art, is a digital art form that relies on small, square-shaped pixels as its basic building blocks. Each pixel represents a single point of color, and when these pixels are meticulously arranged, they come together to form larger images. This art style is characterized by its low-resolution and retro aesthetic, reminiscent of early video games and computer graphics from the 1980s and 1990s.

KEY FEATURES OF PIXEL ART:

1. Limited Resolution
Pixel art is typically created at low resolutions, with common dimensions like 16x16, 32x32, or 64x64 pixels. This restricted canvas size challenges artists to work within strict constraints, pushing their creativity to the limit.

2. Pixel Grid
The pixel grid is an integral part of pixel art, and it remains visible in the final artwork. Artists use this grid to precisely place and manipulate individual pixels, allowing them to craft detailed and visually appealing images.

3. Limited Color Palette
A defining characteristic of pixel art is its use of a limited color palette. This limitation not only adds to the retro feel of the artwork but also encourages artists to make deliberate and creative choices when it comes to color selection.

4. Detail Through Minimalism
Despite the low resolution, pixel art can convey intricate details. Artists strategically place pixels to suggest shapes, textures, and shading, often achieving remarkable results through minimalistic means.

5. Nostalgic Appeal
Pixel art is closely associated with classic video games, and it frequently evokes feelings of nostalgia for those who grew up with these early gaming experiences. This nostalgic connection makes pixel art a powerful medium for storytelling and nostalgia-driven projects.

Creating Pixel Art

To create pixel art, artists use specialized software tools designed for this purpose, such as Aseprite, Pyxel Edit, or GraphicsGale. These tools provide features tailored to the unique requirements of pixel art creation, including grid-based editing, color palettes, and animation capabilities.

>Pixel art finds applications in various contexts, including:

- **Video Game Design:** Pixel art is a popular choice for creating characters, environments, and animations in retro-style video games. It provides a distinctive and nostalgic gaming experience.
- **Digital Illustration:** Many artists use pixel art to craft illustrations, often infusing their work with character and charm that is distinct from other digital art forms.
- **Animation:** Pixel art animations can be enchanting, and they are commonly found in indie games, web series, and GIFs.
- **Digital Expression:** Some artists choose to work exclusively in pixel art, using it as a form of digital expression that captures the essence of the medium itself.
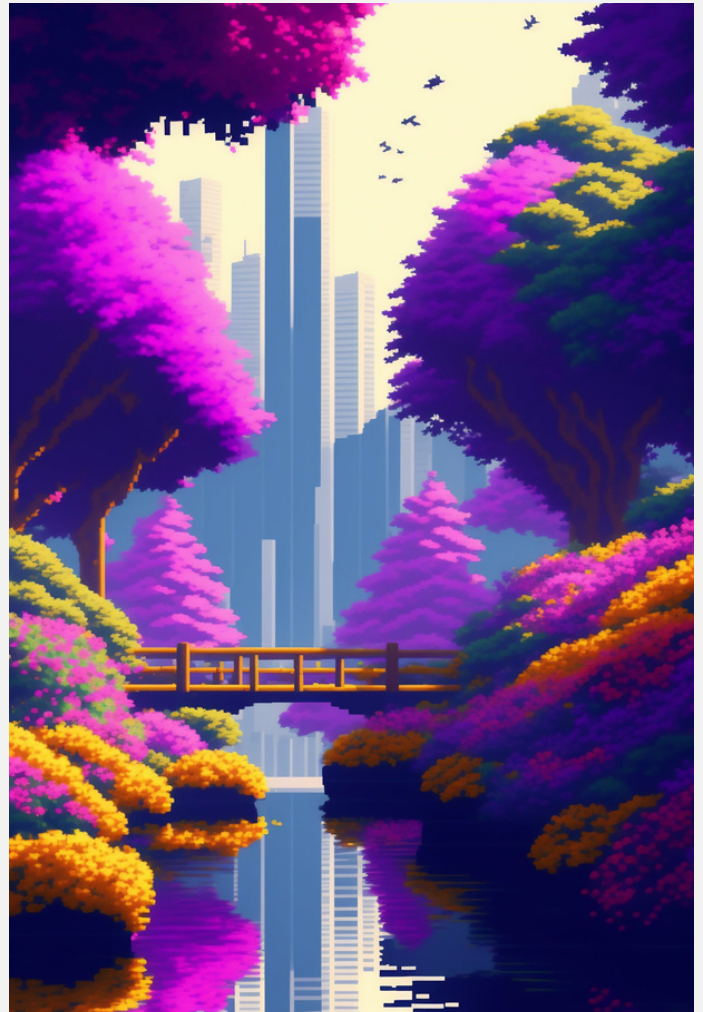
Conclusion:

Pixel art, with its retro allure and creative challenges, continues to be a beloved art form that bridges the gap between nostalgia and contemporary digital artistry. Whether it's evoking memories of classic video games or serving as a canvas for new and innovative creations, pixel art holds a special place in the hearts of artists and audiences alike. In a world of ever-advancing technology, pixel art reminds us that beauty can emerge from the most basic of building blocks – the pixel.

-P.S.S. Harsha
21A81A0545

Blackbox AI

Blackbox AI is an artificial intelligence (AI)-powered tool that helps developers write code more efficiently. It works by analyzing the code that a developer has written and suggesting improvements that can be made. These suggestions can range from simple things like changing the order of statements to more complex things like refactoring entire sections of code. Blackbox AI can be used with Visual Studio Code (VS Code), a popular code editor for developers. To use Blackbox AI with VS Code, developers need to install the Blackbox AI extension from the VS Code Marketplace.
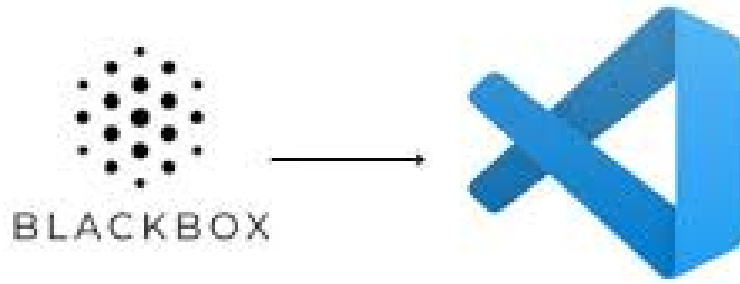
Once the extension is installed, developers can start using Blackbox AI by opening a code file and clicking on the "Blackbox AI" button in the toolbar. Blackbox AI will then analyze the code and make suggestions for improvements. Developers can then choose to accept or reject these suggestions. If a developer accepts a suggestion, Blackbox AI will automatically make the change to the code. Here are some of the benefits of using Blackbox.

AI with VS Code: Blackbox AI can help developers to write code more quickly by suggesting improvements that can be made. Enhanced learning: Blackbox AI can help developers to learn new coding techniques by providing suggestions for how to improve their code. Overall, Blackbox AI is a valuable tool that can help developers to write code more efficiently and effectively.

G.Uma Aishwarya
21A81A0516

SRI VASAVI ENGINEERING COLLEGE (Autonomous)
PEDATADEPALLI, TADEPALLIGUDEM-534 101
Department of Computer Science & Engineering (Accredited by NBA)

CSE Progress Report from 1st September 2022 to 30th November 2022

REPORT

Faculty Development Programmes Conducted by the Department

S. No.	Name of the Program	Type of Event	Duration	Resource Persons
1.	FDP on "Python Programming: A Practical Approach"	FDP	26/09/2022 to 01/10/2022	Dr. Ch Raja Ramesh, Dr. K Shirin Bhanu, Mrs. A Leelavathi, Mr. G Nataraj, Mr. R L Phani Kumar -SVEC and Shub Ajmera from Industry.
2.	Guest Lecture on **"Orientation on Research Article Writing"**	Guest Lecture	13-09-2022	Dr. V S Naresh, Professor, CSE, Dean(R&D)
3.	Conducted Training on "Programming in C for Problem Solving"	FDP	04/06/2022 to 09/10/2022	Dr. Ch Raja Ramesh, SVEC

Workshops / Skill Oriented Courses organized during the Academic Year: 2022-23 (CSE)

S.No.	Title	Name of the Resource Person	Audience	No of Participants	Date (From -to)
1.	SOC on Verbal & SoftSkills	Y Hari Kumar, M Jeevan Kumar, L Thomas and K Vijay Kumar by NewLeaf	V SEM CSE-A, B, C&D	279	03/11/2022 to 12/11/2022
2.	SOC on AZURE (AZ-900)	Hari Priya Manne, Cognine Technologies-Hyderabad	III SEM CSE-C&D	144	01/11/2022 to 05/11/2022
3.	SOC on AZURE (AZ-900)	Hari Priya Manne, Cognine Technologies-Hyderabad	III SEM CSE-A&B	145	26/10/2022 to 31/10/2022

SRI VASAVI ENGINEERING COLLEGE (Autonomous)
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Workshops/Skill Oriented Courses organized during theAcademic Year: 2022-23 (CST)

S.No	Title	Name of the Resource Person	Audience	No. of Participants	Date (From -to)
1.	SOC on Verbal & SoftSkills	K. Shyam By NewLeaf	V SEM CST	68	03/11/2022 to 12/11/2022

Conferences Publications during Academic Year:2022-23

S.No.	Name of the Faculty	Name of Conference Attended	Paper Entitled with	No. Of Days	From Date	To Date
1.	M.V.V.Krishna	The Virtual International Conference on Emerging Techniques in Engineering and IOT - ICETEIOT-2022	Secure Data Sharing Under Revocable Data Storage	01	13/11/2022	13/11/2022
2.	G.Prasanthi	10th International Conference on Innovations in Computer Science & Engineering (ICICSE-2022 - Virtual Conference)	Malicious domain detection using memory augmented deep auto encoder	02	16/09/2022	17/09/2022

Guest Lectures organized during the Academic Year: 2022-23

S.No.	Date	Event Name	Name of the Eminent Guest	Audience	No of Students participated
1.	20-09-2022	Guest Lecture on on "Orientation on Research Article Writing"	Dr. V S Naresh, Professor, CSE, Dean(R&D)	V Sem B.Tech CSE	121
2.	14-10-2022	Guest Lecture on "Awareness on Cyber Security"	Scientists from CERT-In & Cyber security experts from Koo	III Sem B.Tech Girl students	203

Training Data Academic Year 2022-23

S.No.	Training Name	Duration		Year &Semester	
		From	**To**		
1	CRT Program By NEW LEAF Technologies	03/11/2022	123/11/2022	III	V

S.No.	Training Name	Duration		Year &Semester	
		From	**To**		
2	One day HR Interaction Programs with Students from ABInBev Company	24/09/2022	24/09/2022	IV	VII
3	TCS Company Specific Training By NEW LEAF Technologies For short listed students	12/09/2022	13/09/22	IV	VII

Placements Selected Students List (CSE)

(Batch: 2019-23, Academic Year: 2022-23)

S. No.	Roll No.	Name of the Students	Company	No. Of Students got Selected	Package	Nature of Drive	Date
1	19A81A0531	MANEPALLI LOKESH	EFFTRONICS	15	3.9-5.3 LPA	ON CAMPUS	30-11-2022
2	19A81A0534	MATHA VENKATA HARSHA VARDHAN					
3	19A81A0554	SRI VANGIPURAM MAHATI					
4	19A81A0565	ADDADA HARISH					

5	19A81A0567	ARETI DILEEP SRI DURGA PRAVEEN					
6	19A81A0594	KONKIMALLA GURU DATTA BHARAT SANTOSH					
7	19A81A05D6	BANDARU VASAVI					
8	19A81A05E1	BONDAPALLI HEMA PRASAD					
9	19A81A05J8	BONABOYANA RAJA YATHINDRA NIKSHIPTH					
10	19A81A05K9	KANUMILLI BHANU SRI					
11	19A81A05L4	KOTHAGUNDU VARA LAKSHMI					
12	19A81A05N4	PERUMALLA VAISHNAVI					
13	19A81A05N7	PUVVALA RADHA MADHAVI					
14	20A85A0507	DEVA CHAITANYA KRISHNA					
15	20A85A0516	NARKIDIMILLI SHANMUKHA RAMA					
16	19A81A0507	BOKKA KEERTHANA					
17	19A81A0553	SIRAPARAPU NIHARIKA	HITACHI	23	5 LPA	ON CAMPUS	17-11-2022
18	19A81A0557	TETALI RADHA KANAKA RATNAM					
19	19A81A0581	GOLLA RESHMA					

20	19A81A05A1	MADA LAKSHMI SOWJANYA					
21	19A81A05A2	MADA VANDANA					
22	19A81A05A4	MATTA JAYA CHANDINI					
23	19A81A05A6	MIRIYALA YAMINI					
24	19A81A05B4	PENJARLA PAVANA SUPRAJA					
25	19A81A05C4	V.CHANDANA CHARITA					
26	19A81A05C5	VEJJU JYOTHIKA SAI					
27	19A81A05C8	YADLA ROSHINI					
28	19A81A05D0	AKURATI JAHNAVI					
29	19A81A05D2	SHIVA RENUKA AMUJURI					
30	19A81A05G6	MOGALLA TEJASWINI					
31	19A81A05H1	NANDAMURI SAI SRINIVASA JYOTHIKA					
32	19A81A05H4	PEYYETI SRI MALLIKA PARAMESWARI					
33	19A81A05I5	SHAIK SONY RESHMA					
34	19A81A05K8	KANKIPATI SUJITHA					
35	19A81A05K9	KANUMILLI BHANU SRI					
36	19A81A05L4	KOTHAGUNDU VARA LAKSHMI					
37	19A81A05O9	TIRUMALASETTI NAGA MAHA LAKSHMI ISWARYA					
38	19A81A05P5	KHYATHI SRI CHIMMANA					

39	19A81A0554	SRI VANGIPURAM MAHATI	AMEDEUS LABS INTERN	1	30000 PM	OFF CAMPUS	15-11-2023
40	19A81A0501	ADDAGALLA CHINNI SREE	TECH MAHINDRA	7	3.25 LPA	OFF CAMPUS	11-11-2022
41	19A81A0517	GOLUGURI SIVA PREMCHAND REDDY					
42	19A81A0528	KUNA KIRAN MARUTHI					
43	19A81A0582	GUGGILAPU KUMARI SRI ANUSHA					
44	19A81A0599	KURADA JNANA DEEPIK					
45	19A81A05G3	MARAM DEVI MOUNIKA					
46	19A81A05N4	PERUMALLA VAISHNAVI					
47	19A81A0552	SHAIK AYESHA SULTHANA	AMAZON(INTERN)	1	1.1 LPM	OFF CAMPUS	28-10-2023
48	19A81A0577	DEVALLA LEELA MADHURI	TCS DIGITAL	2	3.60 LPA	OFF CAMPUS	17-10-2023
49	19A81A05D5	ANKEM TEJESH SAI KUMAR					
50	19A81A05K3	DHANABOYINA SUNITHA	IBM	2	7.25 LPA	POOL CAMPUS	14-09-2022
51	19A81A05N7	PUVVALA RADHA MADHAVI					

Placements Selected Students List (CST)

(Batch: 2019-23, Academic Year: 2022-23)

S.No	Roll No	Name of the Student	Company	No of Students got Selected	Package	Nature of Drive	Date
1	19A81A0610	CHIMAKURTHI HIMA SAI SREE	HITACHI	4	5 LPA	ON CAMPUS	17-11-2022
2	19A81A0623	GUNUPUDI LAKSHMI ISWARYA					

3	19A81A0625	JUJJURU VENKATA VYSHNAVI					
4	19A81A0658	TAKKILLAPATI BALA VENKATA SAHITHI					
5	19A81A0650	PILLA JAHNAVI SRI NAIDU	**IBM**	1	**12 LPA**	**OFF CAMPUS**	**15-10-2022**
6	19A81A0648	AMBICA NANDIGAM	**XLenz**	1	**5 LPA**	**OFF CAMPUS**	**02-09-2022**

INDUSTRY INTERNSHIP DETAILS (CSE)

(2022-23)

S. No.	Student Name	Roll Number	Title	Name of the Industry	Role/Technology	Duration
1	KAGITA CHANDU PRIYA	20A81A05E5	Intern	Salesforce Supported Virtual Internship Program by Smart Bridge	Salesforce Development	29-08-2022 to 07-11-2022
2	DONDAPATI NAGADURGA	20A81A05D8	Intern			
3	DONDAPATI RAMYA	20A81A05D9	Intern			
4	IRRINKI PRIYANKA	20A81A05E4	Intern			

5	LAHARI TANINKI	20A81A05G0	Intern			
6	PATAGARLA NANDITHA SRI VYSHNAVI	20A81A05G9	Intern			
7	SHAIK IMAM PASHA	20A81A05O7	Intern	Internshala Trainings	Web Development	16-08-2022 to 11-11-2022
8	POLISETTY PAVAN KUMAR	20A81A05H2	Intern	Personifwy - Workforce Engagement Solutions	Data Science with Python	25-07-2022 to 25-09-2022
9	LAVETI SURYA PRAKASH	20A81A05G1	Intern			

INDUSTRY INTERNSHIP DETAILS (CST)

(2022-23)

S. No	Name of the Students	Roll No	Title	Name of the Industry	Technology/Role	Duration
1	PATHURI JUSMITHA	20A81A0642	Intern	Salesforce Supported Virtual	Salesforce Development	29-08-2022 to 07-11-2022
2	KILIMI SAISRI	20A81A0622	Intern			

3	MADDU VATSALYA	20A81A0622	Intern	Internship Program by Smart Bridge		
4	DAMISETTI JANVITHA PADMA	20A81A0612	Intern			

JOURNAL PUBLICATIONS (2022-23)

S.No.	Name of the Staff	Title of the Publication	Publication Details	INDEXING SCI/SCOPUS/ OTHERS	Impact Factor
1.	Mrs. Anjani Suputri Devi D	A novel Leaky Rectified Triangle Linear Unit based Deep Convolutional Neural Network for facial emotion recognition	Multimedia Tools and Applications https://doi.org/10.1007/s11042-022-14186-z,Nov-2022	SCI	2.757
2.	Mrs. Anjani Suputri Devi D	Transfer Learning Based Effective Emotional Face Recognition Using Dcnn Via Cropping Techniques	i-manager's Journal on Computer Science, Vol. 10 lNo. 2 lJune - August 2022, Nov-2022	H5-Index-Free	0.576
3.	Mr.P.Rajesh, Mrs.M.S.R.Manga Mani	Cloud-based Protection and Performance Improvement for MultiChannel Health Information Communication for eHealth Management Framework	The International journal of analytical and experimental modal analysis ISSN NO: 0886-9367, Volume XIV, Issue X, October/2022, Page No: 689	UGC	6.3

Department Association Events Summary
Academic Year: 2022-2023

S.No.	Academic Year	Name of Event	Date (From - To)	Organized by	Total No. Of events (Technical & Non-Technical)	Total No of student Participants	Winners
1.	2022-2023	Engineer's Day 2K22	15/09/2022	SCUD	5 Events	160	30

List of Events Conducted Academic Year: 2022-2023

S. No	Date	Service Activity Details	Venue
	18/11/2022	The team of SAHAYA donated Rs. **37000/-** (Rupees Thirtyseven Thousands only) to **Ms. Dhana Lakshmi** one our college sweepers.	Sri Vasavi Engg. College, TPG

CERTIFICATIONS (2022-23)

NPTEL Certified Students List during the A.Y 2022-23

S.No.	Roll Number	Name of the student	Course Name	Certificate Type
1.	20A81A0534	M. Sailaja	An Introduction to Programming through C++	Elite
2.	20A81A0597	M Meghana	Data Science for Engineers	Elite
3.	20A81A0588	K V Sri Mounika	Data Science for Engineers	Elite
4.	20A81A0579	G Sathvika	Data Science for Engineers	Elite
5.	19A81A0514	Gantta Ratna Satya Harshini	Python for Data Science	Elite
6.	19A81A0526	Kodavati Sai Sireesha	Python for Data Science	Elite
7.	19A81A0567	Areti Dileep Sri Durga Praveen	Python for Data Science	Elite
8.	19A81A05K3	Dhanaboyina Sunitha	Python for Data Science	Elite

S.No.	Roll Number	Name of the student	Course Name	Certificate Type
9.	19A81A05K8	Sujitha Kankipati	Python for Data Science	Elite
10.	19A81A05K9	Kanumilli Bhanu Sri	Python for Data Science	Elite
11.	19A81A05L9	Mamillapalli M J S Srivalli	Python for Data Science	Elite
12.	19A81A05N7	Puvvala Radha Madhavi	Python for Data Science	Elite
13.	19A81A05O9	T. N. M. Lakshmi Iswarya	Python for Data Science	Elite
14.	19A81A05P4	Solasa Sriya	Python for Data Science	Elite
15.	19A81A05P5	Chimmana.Khyathi Sri	Python for Data Science	Elite
16.	20A85A0522	Sundaraneedi Divya Sri Lakshmi	Python for Data Science	Elite

INFOSYS CERTIFICATIONS during Academic Year 2022-23

S.No.	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Month-Date
1.	19A81A05E8	G Bala Saranya	Power Programmer Virtual Experience Program	Sep-2022

IIRS CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Month-Date
1.	21A81A0507	B.R.V.N Chandra Reddy	Geo Data Sharing and Cyber Security	Oct-2022
2.	21A81A0515	G Dinesh	Geo Data Sharing and Cyber Security	Oct-2022
3.	21A81A0517	G.Dinesh Karthik	Geo Data Sharing and Cyber Security	Oct-2022
4.	21A81A0521	K Tarun Kumar	Geo Data Sharing and Cyber Security	Oct-2022

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S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Month-Date
5.	21A81A0540	P N V Pranav	Geo Data Sharing and Cyber Security	Oct-2022
6.	21A81A0560	V G S Krishna	Geo Data Sharing and Cyber Security	Oct-2022
7.	21A81A05A7	M Suryanarayana	Geo Data Sharing and Cyber Security	Oct-2022
8.	21A81A0537	P V V Nagendra	Geo Data Sharing and Cyber Security	Oct-2022
9.	21A81A0566	Y J R Narasimha	Geo Data Sharing and Cyber Security	Oct-2022
10.	21A81A0554	T Arjun Reddy	Geo Data Sharing and Cyber Security	Oct-2022
11.	21A81A0534	P P Adithya	Geo Data Sharing and Cyber Security	Oct-2022
12.	21A81A0565	Y Sai Ramana	Geo Data Sharing and Cyber Security	Oct-2022
13.	21A81A0516	G U Aishwarya	Geo Data Sharing and Cyber Security	Oct-2022
14.	21A81A0536	P H B K Sai Durga	Geo Data Sharing and Cyber Security	Oct-2022
15.	21A81A0533	N Sai Devi	Geo Data Sharing and Cyber Security	Oct-2022
16.	21A81A0504	A Praveen Sunand	Geo Data Sharing and Cyber Security	Oct-2022
17.	21A81A0528	M Karthik	Geo Data Sharing and Cyber Security	Oct-2022
18.	21A81A0538	P Sai Gowtham	Geo Data Sharing and Cyber Security	Oct-2022

AWS CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Month-Date
1.	20A81A0520	J Jaswanth	Solutions Architecture Virtual Experience Program	19.09.2022

Simplilearn CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Institute	Month-Year
1.	20A81A0530	Layisetti Devi malini	Introduction to HTML	Simplilearn	Sep-2022
	20A81A0506	Bondada Jyothika Sai Anupama			Sep-2022

Great Learning CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Institute	Month-Date
1.	20A81A05C1	Tonta Anjibabu	PHP	GreatLearning Academy	Sep-2022
2.	20A81A0561	Vemula Nithish Kumar	Basics of Machine Learning	GreatLearning Academy	Sep-2022

UDEMY CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	DURATION	Month-Date
1.	20A81A0509	Daladuri Manikanta	CSS, JavaScript, PHP And Python Programing All in one course	10hrs	30.09.2022
			Python Programming for Beginners [Full course]	3.5hrs	01.07.2022
2.	20A81A0537	M. L. V. S. K. S. Sekhar	Java and C++ and Python Programming Incomplete Course	8.5hrs	30.09.2022

WORKSHOPS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	DURATION	Month-Date
1.	20A81A0577	Shaik Fathimunnisa	Workshop C MCQ's	1 day	11.09.2022

Other CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE EVENT	Institution	Month-Date
1.	20A81A05O1	P. Jaya madhuri	Sense the nonsense, spark your mind	SVEC	Sep-2022
2.	20A81A05L6	Kalapala Prasanthi	spark your mind	SVEC	Sep-2022

S. No	Regd.No.	NAME OF THE STUDENT	NAME OF THE EVENT	Institution	Month-Date
3.	20A81A05K4	Dondapati Sowmya	Sense the nonsense	SVEC	Sep-2022
4.	20A81A05K9	Gidda garaga lakshmi	Sense the nonsense	SVEC	Sep-2022
5.	20A81A05E8	Kannati Jyothsna Devi	Sense the nonsense	SVEC	Sep-2022
6.	20A81A05D8	D.NagaDurga	Sense the nonsense, spark your mind	SVEC	Sep-2022
7.	20A81A0579	Ganapathineedi Sathvika	Sense the nonsense, spark your mind	SVEC	Sep-2022
8.	20A81A05N7	P Jahnavi	Sense the nonsense, Break New Ground spark your mind	SVEC	Sep-2022
9.	20A81A05M2	Koyi Gowthami	Break New Ground	SVEC	Sep-2022
10.	20A81A0591	Kolla Sai Pavan Likhith	Sense the nonsense, spark your mind	SVEC	Sep-2022
11.	20A81A0582	Gude Devi	spark your mind	SVEC	Sep-2022
12.	20A81A0540	Palivela Rohitha	Introduction to Artificial Intelligence	Carrier Ninja	Oct-2022
13.	20A81A05A3	Mutta Harshitha	spark your mind	SVEC	Sep-2022
14.	20A81A0569	Bandi Devika	Sense the nonsense, spark your mind	SVEC	Sep-2022
15.	20A81A0588	Kalaga Venkata Sri Mounika	spark your mind	SVEC	Sep-2022

PEGA CERTIFICATIONS during Academic Year 2022-23

S.No	Regd.No.	NAME OF THE STUDENT	NAME OF THE COURSE	Month year
1	19A81A05I9	Venkata Ratnam USA	Pega System Architect 8.7	Sep 2022

The following are the Certifications attended by the faculty during the A.Y:2022-2023

S.No	Name of the faculty	Name of the Course certificate Attended	Certification Authority	Duration	Date
1.	L. Atri Datta Ravi Tez	Basics of Python	Infosys	01	25.09.2022
2.	N V Murali Krishna Raja	Software Engineering	NPTEL	12 weeks	Jul-Oct 2022
3.	CH. Hemanand	Data Structures and Algorithms using JAVA	NPTEL	12 weeks	Jul-Oct 2022
4.	A. LeelaVathi	The Joy of Computing using Python	NPTEL	12 weeks	Jul-Oct 2022
5.	A. Rajesh	Deep Learning	NPTEL	12 weeks	Jul-Oct 2022
6.	M.Bhanurangarao	Introduction to Machine Learning	NPTEL	12 weeks	Jul-Oct 2022
7.	M.Bhanurangarao	Digital Image Processing	NPTEL	12 weeks	Jul-Oct 2022
8.	P. Rama Mohanarao	Cryptography and Network Security	NPTEL	12 weeks	Jul-Oct 2022
9.	M.S. Radha Mangamani	Data Structure and Algorithms using JAVA	NPTEL	12 weeks	Jul-Oct 2022
10.	M.N.V. Surekha	Problem Solving Through Programming in C	NPTEL	12 weeks	Jul-Oct 2022
11.	R. Padmaja	Problem Solving through in C	NPTEL	12 weeks	Jul-Oct 2022
12.	S. Sri Lakshmi Surekha	Programming in Java	NPTEL	12 weeks	Jul-Oct 2022
13.	M.Yesu Sekharam	Operating Systems Fundamentals	NPTEL	12 weeks	Jul-Oct 2022
14.	N V Ratna Kishore	Digital Image Processing	NPTEL	12 weeks	Jul-Oct 2022
15.	M.Nageswara rao	The Joy of computing using Python	NPTEL	12 weeks	Jul-Oct 2022
16.	K. Satyanarayana	Deep Learning	NPTEL	12 weeks	Jul-Oct 2022
17.	L A Datta Ravi Tez	Foundations of R Software	NPTEL	12 weeks	Jul-Oct 2022

SRI VASAVI ENGINEERING COLLEGE (Autonomous)
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Department of Computer Science & Engineering (Accredited by NBA)

S.No	Name of the faculty	Name of the Course certificate Attended	Certification Authority	Duration	Date
18.	L A Datta Ravi Tez	Programming in Java	NPTEL	12 weeks	Jul-Oct 2022
19.	G. Jaya Raju	Database Management Systems	NPTEL	08 weeks	Aug-Oct 2022
20.	M.Nageswara Rao	Getting Started with Azure DevOps Board	Coursera	01	13.10.2022
21.	M.Nageswara Rao	Modern JavaScript:ES6 Basic	Coursera	01	13.10.2022

DREAMS

What is a DREAM ?

A dream is a succession of images, ideas , emotions, and sensations that usually occur involuntarily in the mind during certain stages of sleep.

What do we DREAM ?

Our brain takes pieces of memories and put them together into a dream.

History of DREAMS:

The history of dreams is a fascinating journey that spans cultures, time periods, and fields of study.

EGYPT: In ancient Egypt, dreams were considered important and were often interpreted as messages from the gods or ancestors. Egyptians were the 1st dreamers to publish books on DREAMS.

GREECE and ROME: Both ancient Greek and Roman cultures attributed significance to dreams. Greek philosophers like Plato and Aristotle explored dreams as a reflection of the subconscious mind.

CHINA: Chinese culture also has a long history of dream interpretation. The Chinese believed that dreams provided insights into the future and one's destiny. Dream interpretation was an integral part of traditional Chinese medicine.

The Sleep Cycle:

The sleep cycle comprises of four stages and lasts for about 90-120 minutes. The sleep cycle usually starts with NREM (Non-Rapid Eye Movement) sleep and enters into REM (Rapid Eye Movement) sleep.

Stage 1: From 5 to 10 minutes, the body and muscles start to relax

Stage 2: Your brain activity ,heart rate and breathing start to slow down. You're beginning to reach a state of total relaxation.

Stage 3: You get deeper into sleep.

Stage 4: Stage of sleep when you dream. It is also referred to as "active sleep".

The sleep cycle repeats itself on an average of 3 to 5 times per night, may repeat as many as 7 times.

This is how a person dreams several times in one night.

Types of DREAMS:

Normal Dreams: These are the regular, everyday dreams that most people experience. They can include a mix of familiar and unfamiliar scenarios, people, and places. Normal dreams can be mundane, fantastical, or a combination of both.

Lucid Dreams: In lucid dreams, the dreamer becomes aware that they are dreaming while still within the dream.

Nightmares: Nightmares are distressing dreams that evoke fear, anxiety, or other negative emotions. They often involve situations of danger, threat, or helplessness.

Recurring Dreams: These are dreams that repeat over time, often with similar themes, settings, or scenarios. Recurring dreams might reflect unresolved issues, anxieties, or patterns in a person's life.

Epic Dreams: They can feel like entire stories or sagas unfolding within the dream. They are very clear and vivid.

Fantasy Dreams: Fantasy dreams are characterized by their imaginative and unrealistic scenarios.

Healing Dreams: Some individuals report having dreams that feel healing or therapeutic.

Superstitions:
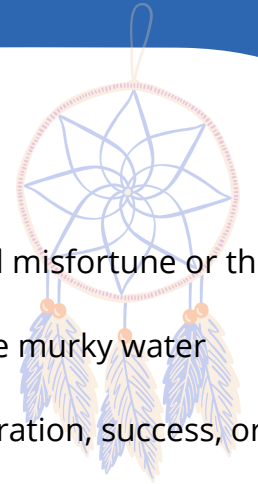
Dreaming of Death or Disaster: Some believe that such dreams predict actual misfortune or the death of a loved one.

Dreaming of Water: Clear and calm water might symbolize good fortune, while murky water might indicate uncertainty or challenges.

Dreaming of Flying: Dreaming of flying is often associated with feelings of liberation, success, or ambition.

Dreaming of Teeth Falling Out: Some believe it's a sign of anxiety or a fear of aging, while others associate it with financial concerns or a fear of losing power.

Dreaming of Snakes: Snakes are often linked to transformation and change in dreams. Some cultures see them as symbols of danger and deceit, while others view them as representations of healing and rebirth.

Dreaming of Money: Some believe that finding money in a dream signifies unexpected wealth, while losing money might symbolize financial setbacks or recklessness.

Dreaming of Weddings: Dreaming of weddings can have varying interpretations. In some traditions, it's seen as a sign of impending marriage or happiness, while in others, it might indicate a fear of commitment or an upcoming separation.

When you dream, your body faces some changes. Your adrenaline rises ,your blood pressure increases ,an your heart beats faster.

Facts

You can only dream about faces you've have already seen.

Blind people can still see images in dreams.

You become physically paralyzed during Rapid Eye Movement (REM) sleep (where the most vivid dreams occur)

Within five minutes of waking up, 50% of your dream is forgotten

12% of people dream in black and white.

The average person spends six years of their life dreaming

Nightmares usually begin between the ages of 3 and 6, and decrease after the age of 10.

Longer dreams occur in the morning hours.

Eating before bed makes nightmares more likely, because it increases your metabolism, signaling your brain to be more active.

Inventions inspired by dreams:
- The idea for Google -Larry Page
- Alternating current generator -Tesla
- DNA's double helix spiral form -James Watson
- The sewing machine -Elias Howe
- Periodic table -Dimitri Mendeleyev

Negative dreams are more common than positive ones.

You can't read while dreaming, or tell the time

Other Terms........

Premonition dreams-the person dream what will happen to them in future.
Dreamcatchers-Native American cultures to catch the bad dreams with handmade amulet.
Sleep Paralysis-body becomes paralyzed for not to do harmful actions.
Sleep Walking-extra emotionally involved in dreams used to walk while sleeping.
Dream drug-There are actually people who like dreaming and dreams so much that they never want to wake up. They want to continue on dreaming even during the day, so they take an illegal and extremely potent hallucinogenic drug called Dimethyltryptamine. It is actually only an isolated and synthetic form of the chemical our brains produce naturally during dreaming.

P.Vijaya
21A81A0543

Instagram Account Hacking Scam
Beware, Be Safe

Dark Side of Social Media

Have you ever encountered puzzling questions or quizzes on Instagram stories from your friends? It's all fun, but what if the person behind those questions is a hacker who has taken control of your friend's account? Imagine this: The hacker pretends to be your friend and asks you a question. If you answer correctly, they claim they owe you money as a reward. However, instead of sending money, they ask for your UPI (Unified Payments Interface) details first and then your Instagram login credentials. Falling into this trap can lead to the theft of your personal data and the potential hijacking of your own Instagram account. This cautionary tale highlights the dangers of such scams and provides insights into how you can safeguard yourself from becoming a victim.

My Close Encounter

One day, while casually scrolling through Instagram stories, I stumbled upon a puzzling question from a friend. Assuming it was all in good fun, I eagerly answered the question, proud of getting it right. But little did I know that the person behind that innocent-looking question was not my friend at all. It was an imposter, a hacker who had managed to hack into my friend's account. After replying to the question, I received a message claiming that I had answered correctly and was entitled to a reward of money. The offer seemed tempting, but I hesitated before I could reply. Something felt off about the situation. Instead of asking for money directly, the imposter cunningly requested my UPI (Unified Payments Interface) details first and then, shockingly, asked to change my

My Close Encounter

(Contd..)

email into another mail to verify if I am original and that was the company rules.Alarmed by the sudden turn of events, I realized that I was about to fall victim to a dangerous scam. My gut feeling saved me from sharing sensitive information that could have resulted in the theft of my personal data and even the potential hacking of my own Instagram account.

Inner Workings of the Scam

Stage 1: The scammer gains access to an innocent user's Instagram account and poses as their friend. They post quizzes or questions, promising money as a reward for correct answers.

Stage 2: The scammer mention another account, often, Natasha Smith, a cryptocurrency trainer, to gain trust and appear legitimate.

Stage 3: Victims who fall for the scam message the fake Natasha account, seeking help to earn money. They are asked to install the "Binance" app, a legal cryptocurrency platform.

Stage 4: The real scam happens when victims are asked to invest money in supposed stable stocks on Binance.

Stage 5: To convert currencies from INR to USD and vice versa, victims are directed to use a 2p2 transaction method and send money to the person on Binance, claiming it's their investment team.

Stage 6: Victims are told to wait for 24 hours to receive profits, but they never do. The scammers block victims on all accounts, leaving no proof to report.

Result: Many fall victim to this deception, losing their money, while the scammers profit from their fraudulent scheme. Stay vigilant and avoid engaging in any suspicious transactions to protect yourself from falling victim to such scams.

S.Harshitha

21A81A0552

FLYING BOAT

Sampriti Bhattacharyya

Flying boats are special airplanes that can land on and take off from water instead of runways. They were important in the past for long trips and military missions. These planes have a unique design with a boat-like body that can float on water. They're not as common today because regular airplanes can use airports, but they are still used for things like putting out fires and watching over the sea.

Sampriti Bhattacharyya, an Indian-origin entrepreneur, overcame numerous obstacles to establish Navier, a company revolutionizing the maritime industry with its electric hydrofoil boat. Despite being dismissed by her teacher and facing academic challenges, Bhattacharyya pursued engineering and secured internships at Fermilab and NASA. She later developed an underwater drone and co-founded Navier, which aims to create accessible and sustainable watercraft. Bhattacharyya's story serves as an inspiration, showcasing the power of persistence, determination, and creativity in achieving success.

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G.DINESH
21A81A0515

Photography

V. SHIVA NAGA TANUJA

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CH.SRI SATYA SURYA PUJITHA
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Arts

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