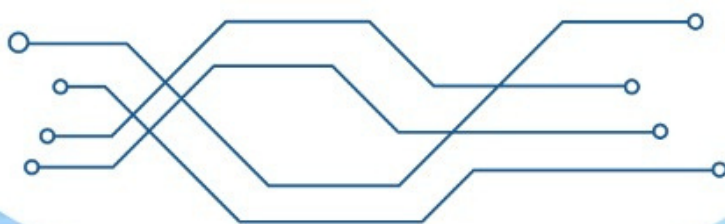




TECHZINE

2021-22

**Department of Information Technology,
Jaipur Engineering College and Research Centre**



INDEX

◆ From the Desk

- Shri Arpit Agarwal [Vice Chairperson]
- Dr. V. K. Chandna [Principal]
- Dr.Smita Agarwal [HOD(IT)]

◆ Vision and Mission of College

◆ Vision and Mission of Department of Information Technology

◆ Program Outcomes

◆ Program Educational Objectives

◆ Program Specific Outcomes

◆ Events

- Hindi Diwas
- Engineer's Day
- Seminar on Revolutionizing Marketing through AI-Powered Tools
- Workshop on Machine Learning
- Webinar on Ethical Hacking and Information Security
- National Science Day
- Expert talk on Future Force in Salesforce
- Workshop on DevOps
- Flick
- Just-C
- Techno Quiz
- Web-Crafters
- National Conference on Information Technology and Security Application[NCITSA-2022]

◆ Advisors

◆ Faculty of Department of Information Technology

◆ Team

From the Desk



Shri Arpit Agarwal (Vice Chairperson)

I am extremely privileged to lead the institute which has been an undisputed pioneer in the field of education and research, but also in a global arena.

We at JECRC continuously strive hard to reach the benchmark through the latest teaching tools, world-class training modules, and exploration of new research avenues to meet ever-changing corporate and education scenarios. One such feature added to the crown was the launch of "E-MAGAZINE" by the Information Technology department.

All the students and faculties have perfectly groomed this magazine which depicts the confidence, creativity, and innovation of our gems. "E-MAGAZINE" is a milestone that marks our growth, unfolds imagination, and gives life to our thought and aspirations, Information Technology department has done a cherished work that had its root in persuasion. The communication will also establish a trend of acquaintance with our alumni who are doing wonders across the world and raising the flag of JECRC higher and higher, for which JECRC owes a lot to them.

Aristotle once said, "Educating the mind without educating the heart is so no education at all".

I am overwhelmed by the team of hard-working staff and learned faculty who have made me proud by creating such a masterpiece in the form of a magazine. I once again congratulate the entire team for their hard work and dedication. Best wishes and Happy Reading!!

From the Desk



Dr. V.K. Chandna (Principal)

JECRC stands tall on the foundation of its excellence vision and mission being continuously achieved by its committed and deeply knowledgeable faculty and diverse student community that has a burning desire to make new paths of its own.

There is no longer a single pathway to that end but whatever paths our students choose must be filled with effort, dedication & relationships. "E-MAGAZINE "by the Information Technology Department of JECRC is indeed a great success giving out all the insights into the different activities in college as well as in the Information Technology Department.

This initiative was taken by the department will facilitate the students' necessary information, and record-keeping as well as increase student capabilities through active participation.

This magazine is the result of our creative & innovative team of students & faculties, we believe that engineering should be the experience of a lifetime. These experiences set the stage later in life and provide a lifetime of positive memories for our students.

May we continue to give our students strong roots like the Banyan tree and stronger wings to conquer the world!! I congratulate the team for their endless & sincere efforts in bringing out the publication & wish all readers an enriching journey through the pages of "E-MAGAZINE". Happy reading!!

From the Desk



Dr. Smita Agrawal **Head Of Department (IT)**

It gives me immense pleasure to lead the Department of Information Technology. Our college is one of the premier institutions, unique like a prism that reflects the manifold shades of learning and co-curricular activities.

With our issue of "E-MAGAZINE", we put forward a distinctive blend of offerings in the areas of engineering & technology in the form of different activities throughout the year.

The very motto of our department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn, and where you learn plays crucial roles in developing one's intellectual capability, besides career. Information Technology is a scene in today's world. We are committed to providing not only technical education to our students but also leadership qualities through which they can create employment for others.

I congratulate the Editorial Board for their tireless efforts in bringing out this publication. I also extend my sincere thanks to the persons who have contributed to the issue and enhanced its perfection & beautification through the article, poems, inspiring stories, etc. I wish all the students and faculty a great academic career.



Vision & Mission of college

VISION

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

MISSION

M1: Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.

M2: Identify areas of focus and provide platform to gain knowledge and solutions based on informed perception of Indian, regional and global needs.

M3: Offer opportunities for interaction between academia and industry.

M4: Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.



Vision & Mission of IT Department

VISION

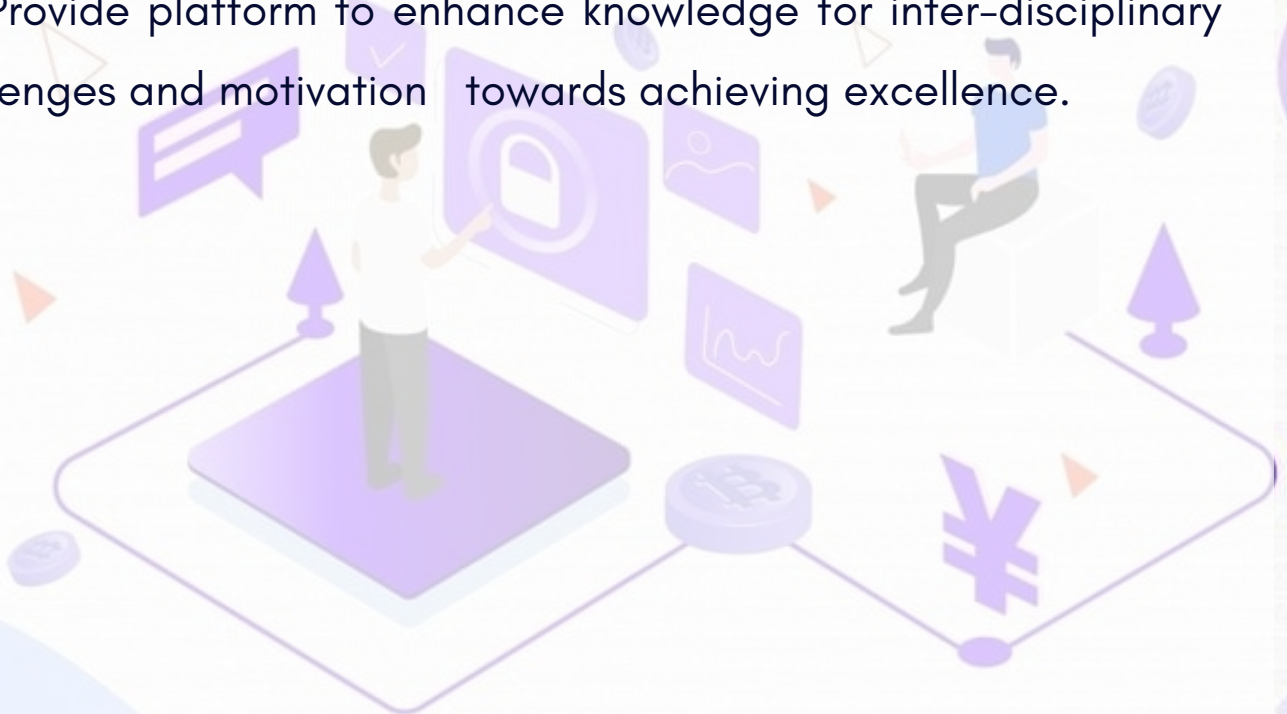
To be recognized as Centre for providing outcome based education and prepare students to take challenges as per present technological scenario.

MISSION

M1: Practice OBE for professional accomplishment of graduate attributes.

M2: Provide platform to gain knowledge and solutions as per social needs and requirement.

M3: Provide platform to enhance knowledge for inter-disciplinary challenges and motivation towards achieving excellence.



Program Outcomes

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

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

PO3:Design/development of solutions: Design solutions for complex electronics and communication 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 electronics and communication engineering practice.

Program Outcomes

PO7:Environment and sustainability: Understand the impact of the professional electronics and communication 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 electronics and communication engineering practice.

PO9:Individual 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 electronics and communication 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 electronics and communication 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.

Program Educational Objectives

PEO1: To strengthen students with fundamental knowledge of effective computing, problem-solving, and communication skills and enable them to have a successful career in Information Technology.

PEO2: To enable students in acquiring Information Technology's latest tools, technologies, and management principles to give them an ability to solve multidisciplinary engineering problems.

PEO3: To impact students with ethical values and commitment towards sustainable development in collaboration mode.

PEO4: To reinforce students with research and innovative approaches which help them to identify analyze, formulate and solve real-life problems and motivate them for lifelong learning.

PEO5: To empower students with leadership quality and team-building skills that prepare them for employment, and entrepreneurship, and to become competent professionals to serve societies and global needs.

Program Specific Outcome

PSO1: Ability to interpret and analyze network specific and cyber security issues, automation in real word environment.

PSO2: Ability to apply the knowledge of cloud computing, artificial intelligence, machine learning and deep learning under realistic constraints.



**Department of Information
Technology**

EVENTS

Session 2021-22





HINDI DIWAS CELEBRATION



Venue C-Block

Event Details



Hindi got an exalted status in India on September 14, 1949, when it was adopted as the official language of the country. Since then September 14 is celebrated as Hindi Diwas to pay tribute to the official language of India.

Today, Hindi enjoys the status of Rashtra Bhasha.

In today's highly commercialized environment, where people are forgetting their roots, Hindi Diwas plays a significant role. The celebration of Hindi Diwas stands as a patriotic reminder to Indian population of their common roots and unity.

Ms. Kusum Yadav & Ms. Shikha Shrivastava were the Event Coordinators. As a part of the Hindi Diwas, the IT Department organized various competitions like Debate, poster making and Poetry etc. The winners of these events were awarded on this occasion.

In the competition Ms Diksha Gupta of III year (V SEM) Secured 1st position and Mr. Puneet Saini of III year (V SEM) Secured 2nd position in the Poster making competition, while Mr. Jirin and Mr. Gravit won third and Forth prizes respectively.

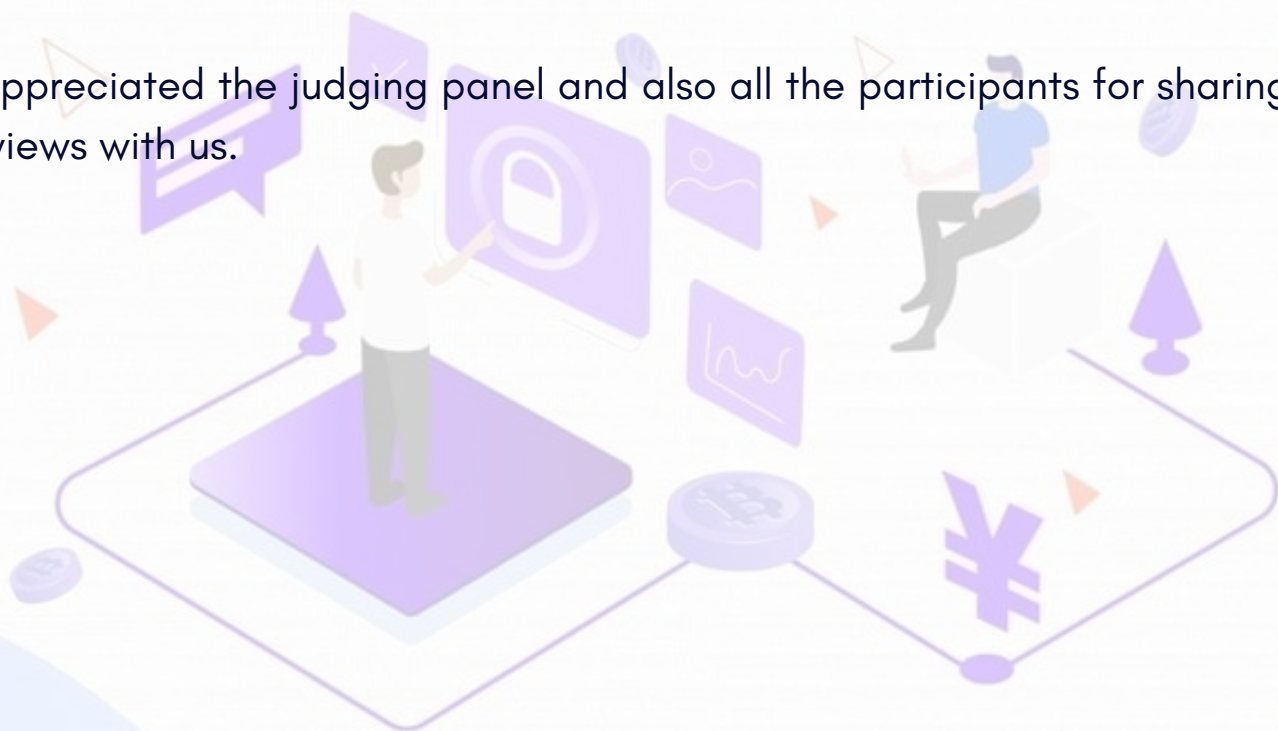


Event Details



At the end the HOD of department “Mrs. Smita Agarwal” gave her presidential speech thanking everyone for their active participation and also the organisers, and everyone who worked for making this a success.

She appreciated the judging panel and also all the participants for sharing their views with us.



Glimpses of Event





17th Septebmer, 2021

ENGINEER'S DAY CELEBRATION



Venue : C- Block





Event Details

The department of Information technology celebrated the Engineers day with full of enthusiasm on 17th September, 2021.

We organised the “War of Words” competition to increase the oratory skills in the students of JECRC Foundation.

This is a competition conducted to bring out the talents in the students and to take it to the next level. All the necessary arrangements for the participants were arranged in the college where the competition was held.

The competition involved an active participation of students where an individual shared their thoughts to effectively convince a judge that their side of a resolution or topic is, as a general principle, more valid. All the participants were extraordinarily skilled and they gave a tough fight to each other. One could actually see the future leaders in the contestants.

There were so many notable points presented by each individual but the point presented by the winner was the game-changer.

The competition was judged by an excellent debater known for his skills in debating. The competition was held in the auditorium. Points presented were accepted by the spectators with cheers and claps.

Some of the points even made us think about the facts. The competition was so interesting that it had a very huge audience



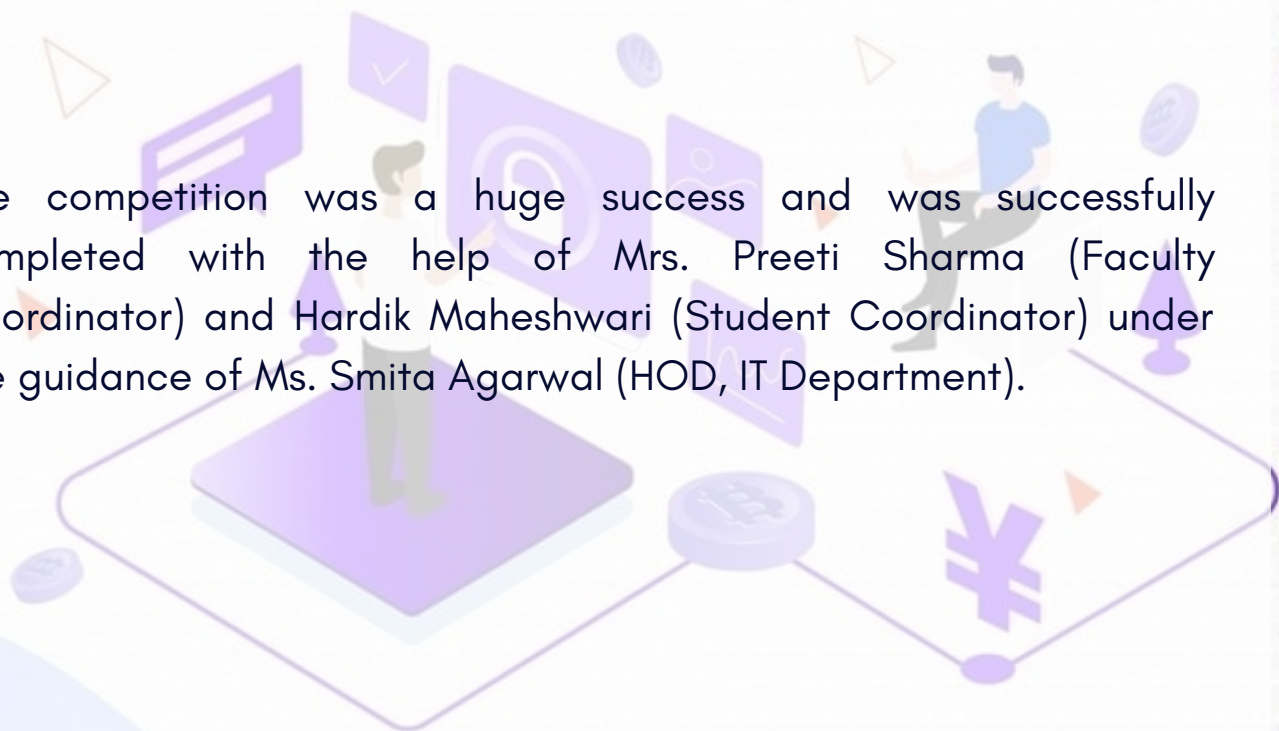
Event Details

Finally we arrived at the end of the event. Everyone was at the brim of tension. A hot discussion was going on between the judges. Everyone present knew that the decision was rather difficult, even for the judges. All the participants presented their views and proved their points in such a manner that none could decide which team was better.

All the participants were students with equal calibre and potential but in the end, some stood out shining brighter than the others.

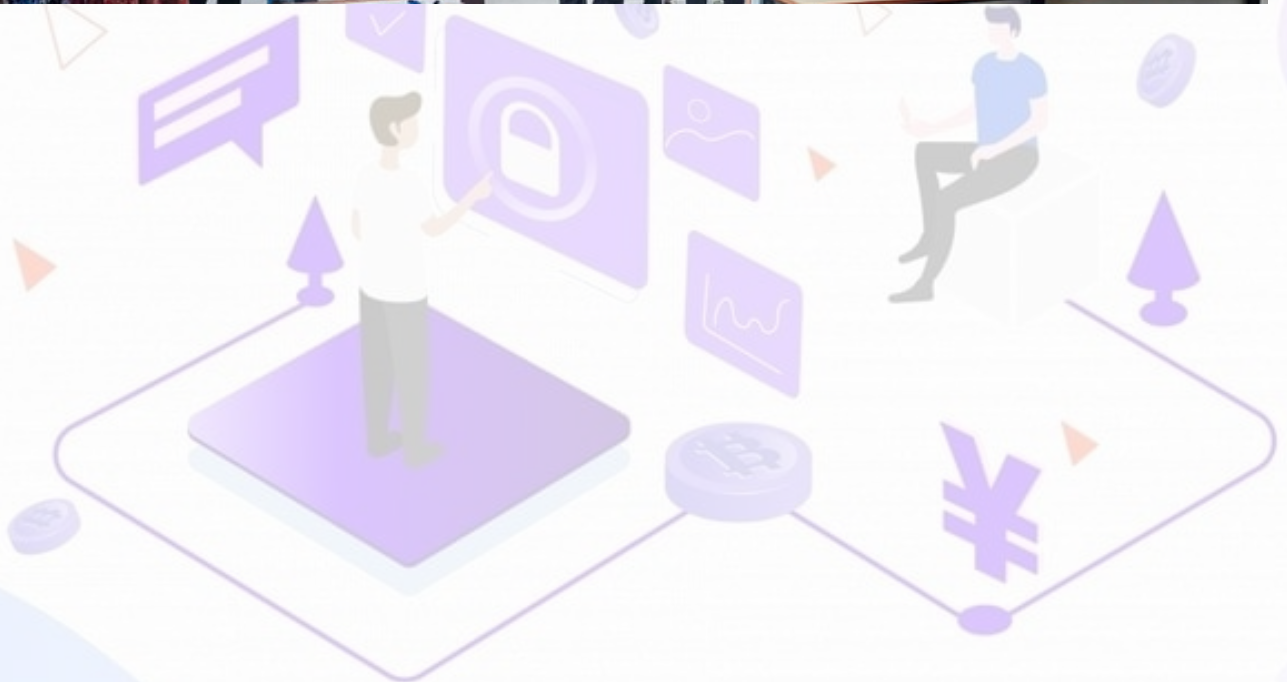
At the end of the prize distribution, the HOD of department “Mrs. Smita Agarwal” gave her presidential speech thanking everyone for their active participation and also the organisers, and everyone who worked for making this a success. She appreciated the judging panel and also all the participants for sharing their views with us.

The competition was a huge success and was successfully completed with the help of Mrs. Preeti Sharma (Faculty Coordinator) and Hardik Maheshwari (Student Coordinator) under the guidance of Ms. Smita Agarwal (HOD, IT Department).



Memories

Engineer's Day



The background features a dark blue gradient with a glowing wireframe of a human head in profile, facing left. To the right of the head, there are intricate, glowing circuit-like patterns in shades of blue and cyan. In the top-left corner, there is a textured, grey, torn-paper-like shape.

11th October, 2021

Seminar on Revolutionizing Marketing through AI-Powered Tools

Organized By -
Department Of Information Technology
JECRC, Jaipur

Event Details



Mr. Siddharth Singh



Mr. Piyush Sanam

On 11th October 2021, the Department of Information Technology conducted a seminar in association with UPFLAIRS on two domains “Machine Learning with Python” and “Ethical Hacking and Cyber Security”.

Artificial Intelligence and Machine Learning are no longer buzzwords. With the acceleration of digitalization of almost every aspect of business in light of the pandemic, the adoption of AI and ML has also been rampant. Together with big data and advanced analytics, AI driven marketing has made it possible for marketers to have a clear picture for their target audience.

Mr. Siddharth Singh (Director Technology- Upflairs Private Ltd.) along with Mr. Piyush Sanam conducted a very interactive session where he started with unveiling the possibilities and approaches for using ML and AI technologies and how efficient these domains are in the present scenario.

Event Details

He also stated that AI and ML technologies have been game-changers in every sphere of business, revolutionizing every function, from planning to organizing, operating, and controlling.

Mr. Sanam elaborated these two domains in detail which include its importance and scope.

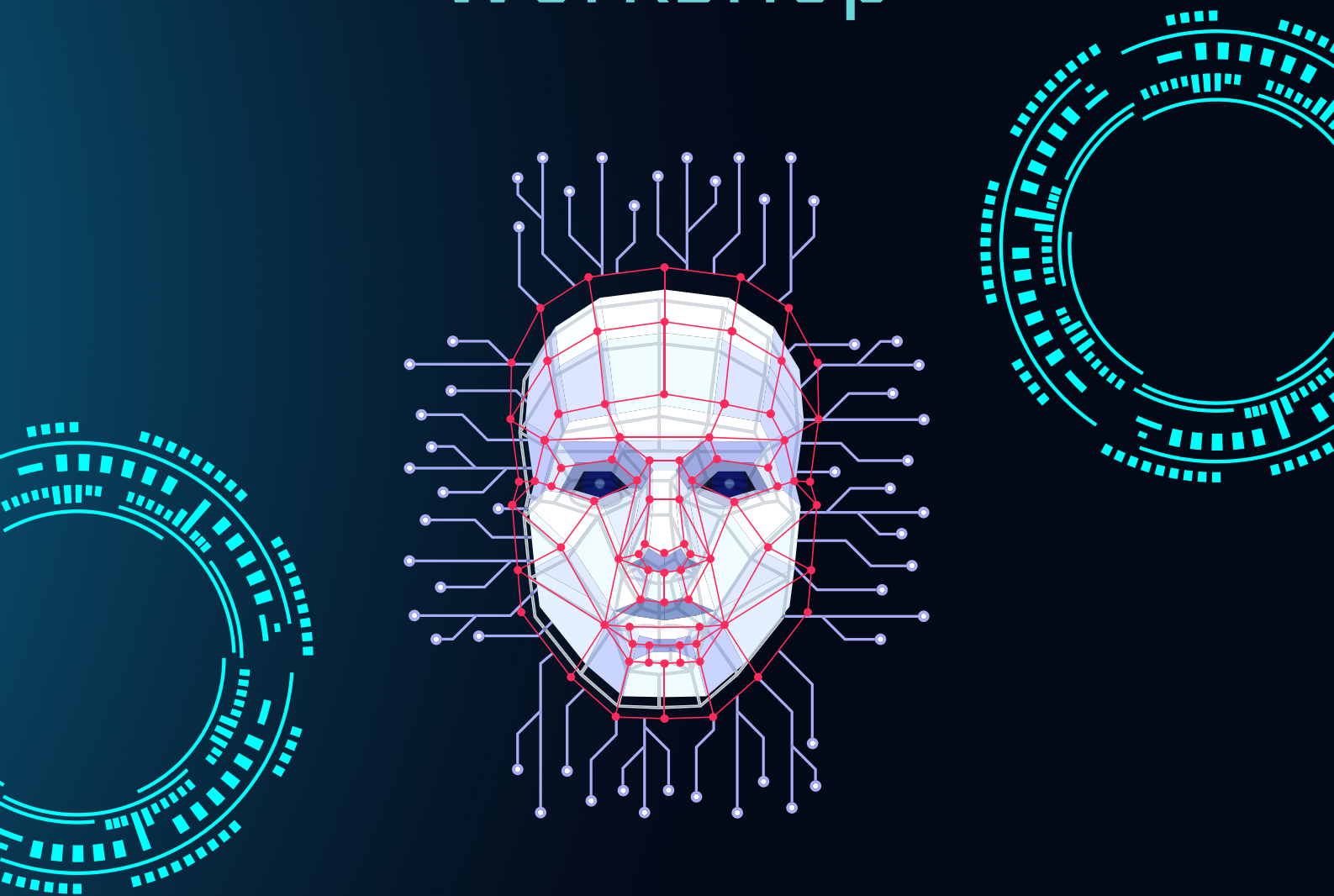
Machine learning is the field of study that gives computers the ability to learn without being explicitly programmed. The algorithms that give computers the ability to learn from data, and then make predictions and decisions. The primary aim is to allow the computers to learn automatically without human assistance and perform actions accordingly. ML is a computer able to learn from experience without being specifically programmed.

During the Seminar, students learned about Cores of Data Analytics & Data Science with Learning Techniques. Machine Learning & Deep Learning are explained with Robust Algorithms. Various Libraries like numpy, pandas, matplotlib, seaborn etc. were discussed. Data is an asset for any organization/ industry, the confidentiality of data and network security always remains a priority and tremendous increase in e-commerce eventually increases the demand of professionals in this field.

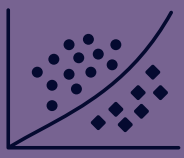


25 JAN, 2022

Machine Learning Workshop



Organized by:-
Department of Information Technology
JECRC, Jaipur



Event Details



Machine Learning is the science of getting computers to act without being explicitly programmed. In the past decade, machine learning has given us self-driving cars, practical speech recognition, effective web search, and a vastly improved understanding of the human genome. Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it.

Department of Information Technology has organized one day Workshop on Machine learning on dated 25 January, 2022. The main objective to organize this workshop was to explore the knowledge of students on various topics related to Machine Learning such as:

1. Supervised learning (parametric/non-parametric algorithms, Support Vector Machines, Kernels, Neural Networks).
2. Unsupervised learning (Clustering, Dimensionality Reduction, Recommender Systems, Deep Learning).
3. Best practices in Machine Learning (bias/variance theory; innovation process in Machine Learning and AI).

During this one day Workshop students learned about the most effective Machine Learning Techniques, and practiced implementing them. More importantly, students learned about not only the theoretical underpinnings of learning, but also gain the practical know-how needed to quickly and powerfully apply these techniques to new problems. They learned about some of Silicon Valley's best practices in innovation as it pertains to machine learning and AI.

Finally all participants learned how to apply learning algorithms to building smart robots (perception, control), text understanding (web search, anti-spam), computer vision, medical informatics, audio, database mining, and other areas.

Speaker's Profile



MR. PEEYUSH SANAM

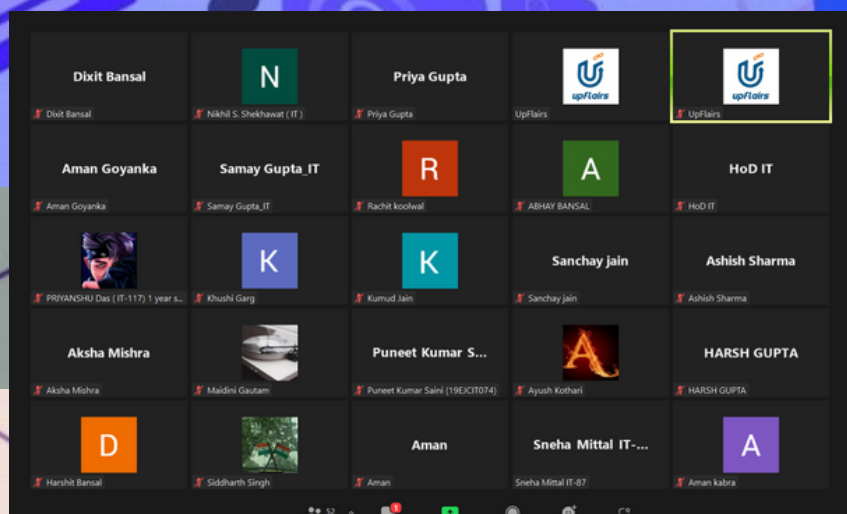
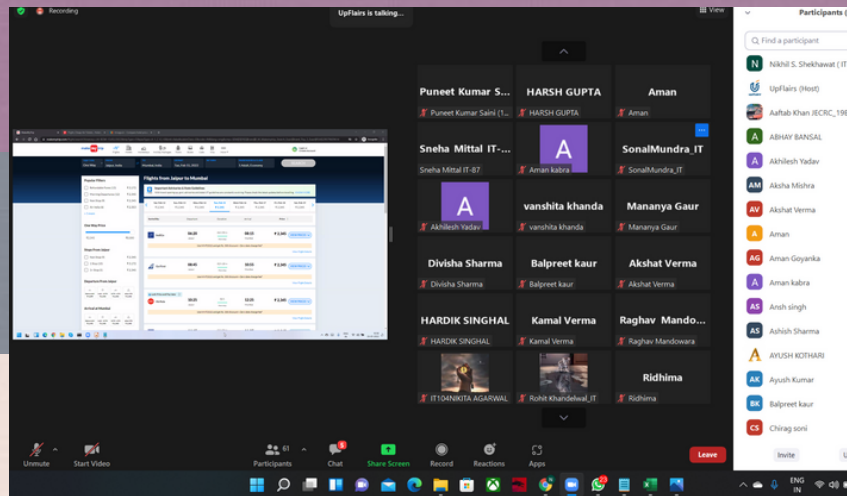
Mr. Peeyush Sanam is the Director & Founder of Upflairs.

Upflairs is an up surging edtech company with a mission to provide industry-relevant skill development programs through innovative content delivery using Virtual Reality to enhance the learning experience through audio-visual simulations and AI-driven assistance, making it more ENGAGING and EFFECTIVE for the learners.

The vision of the company is to transform the technical education delivery methodologies and building up a more intuitive model. Team Upflairs has started moving to the goal of enriching young minds by upskilling their mettle and making them "Ready for Job".

The company was founded in 2021 by Two young Engineering Graduates, Mr.Siddharth Singh (Founder and former director of TechieNest Pvt Ltd) with an experience of 10+ years Edtech domain, and Mr. Peeyush Sanam (Founder and Director of EXACKT TECHFLEETERS Pvt Ltd) with an experience of 7+ years in IoT & AI Technologies.

Glimpses of Event



11th Feb, 2022



Webinar on Ethical Hacking & Information Security



Online Mode

Mr. Rohit Chhabra (Event Coordinator)
Mr. Sangeet Chopra (Guest speaker of the Event)
Mr. Subrat Shukla (Student Coordinator)

Organized by:
Department by Information Technology
JECRC, Jaipur



Event Details

Ethical Hacking is also known as White hat Hacking or Penetration Testing. Ethical Hacking involves an authorized attempt to gain unauthorized access to a computer system or data. Ethical hacking is used to improve the security of the systems and networks by fixing the vulnerability found while testing.

Department of Information Technology has organized Webinar on Ethical Hacking and Information Security on dated 11 February, 2022. The purpose to organize this webinar was to expose the students to the various aspects related to security that are being used in industries.

During the Webinar, students learned how Ethical hackers improves the security posture of an organization. How Ethical Hackers use the same tools, tricks, and techniques that malicious hackers used, but with the permission of the authorized person. How Ethical Hacking improves the security and to defend the systems from attacks by malicious users.



Speaker's Profile



Mr. Sangeet Chopra

Technical head & Co-Founder CyberCure Technologies

With The technical knowledge and expertise in more than 19 programming languages, Multimedia Designing and Information Security, He is an Asset for CyberCure Technologies.

He has proficient Training (Teaching) Experience in various Modules like:

Ethical hacking & Cyber Forensics

Robotics, Embedded, IoT, Quad Development

Web Development and Designing

HTML, CSS, JS, PHP, ASP.net, C# etc.

Personality Development and Soft Skills

He is training students, Faculties, Colleges Authorities, Govt. officials, Police etc. from past 5 years having the Longest Client list with more than 500 College covered by him.

Some of the Top Institutions covered by Him:

IIT Delhi

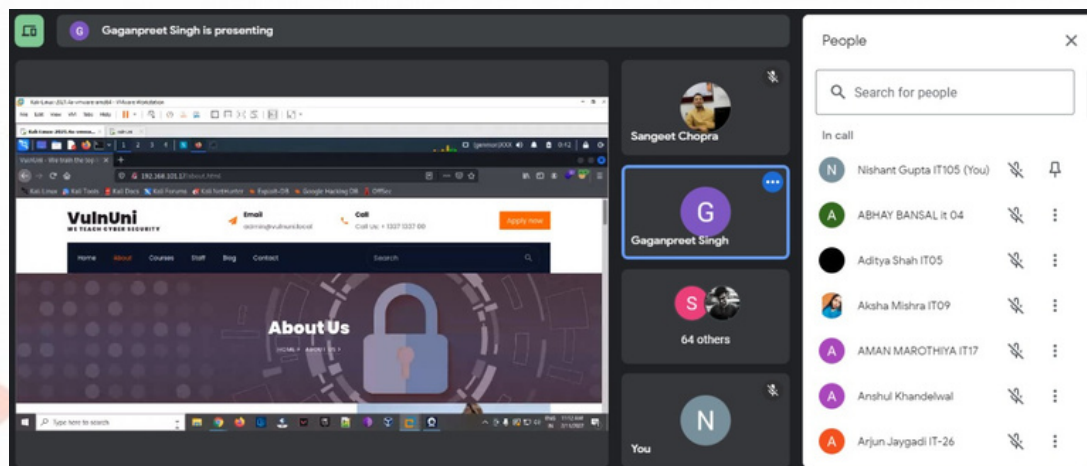
IIT kanpur

IIT Guwahati

IIT Kharagpur

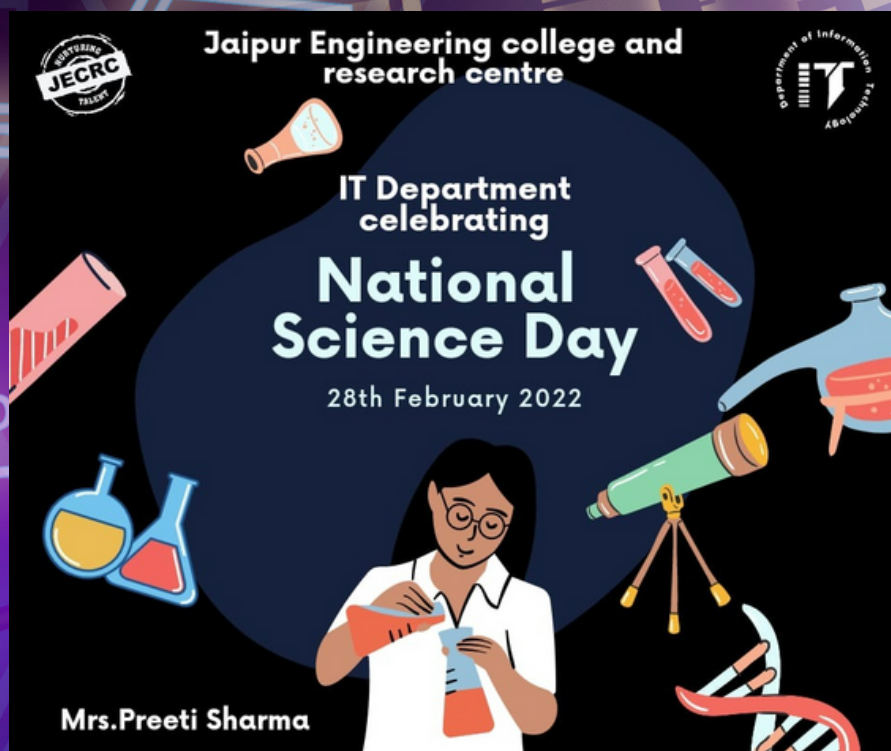
NIT Sikkim

Glimpses of Event



28 Feb, 2022

National Science Day



organized by:

**Department of Information Technology
JECRC, Jaipur**

Mrs. Preeti Sharma



Event Details

On the occasion of National Science Day, 28th February 2022 the department of INFORMATION TECHNOLOGY, JECRC College organised an essay writing and quiz competition. The event witnessed the participation of more than 200 students of the IT branch. The students were given an hour to write an essay on topics related to technology and science. All the students participated enthusiastically and put their best foot forward in the competition.

In the quiz competition, various questions were put in front of students related to science and inventions. The quiz was conducted in 3 rounds on an individual basis. The event was worked out smoothly and was a success.

The event was also graced by the presence of Mrs. Smita Agarwal, HOD IT Dept and various faculty members who boosted the zeal and confidence of the participants. The event concluded with the felicitation ceremony of both the competitions where the winners were felicitated.

FACULTY COORDINATOR:

Mrs. Preeti Sharma

STUDENT COORDINATORS:

1. HARDIK MAHESHWARI
2. RIYA SHARMA
3. VISHAKHA MULANI
4. CHARUSHI JAIN
5. SNEHA GUPTA

Expert Talk On “Future Force in Salesforce”

9th April 2022

50 51

 **Jaipur Engineering College & Research Centre**
Department of Information Technology
presents Expert Talk on

Topic
FUTURE FORCE IN SALESFORCE

Our Speakers



Mr. Akshat Sharma
Freelance Consultant, IBM



Mr. Manish Yadav
Sr. Consultant, Wipro

Faculty Coordinators / Dr. Smith Agrawal
Ms. Nisha Jain

Venue: Block C, Seminar Hall 501 at 11:00 AM

▶ 8

Organized By -
Department Of Information Technology
JECRC, Jaipur

Event Details

Department of Information Technology has organized one day Expert Talk on Future Force in Salesforce on dated 9 April, 2022.

Speakers of the session Mr. Akshat Sharma (IBM (Associate Salesforce Technical Architect), Certified Salesforce Mentor at Salesforce. 10X Salesforce Certified Application Architect), and Mr. Manish Yadav Wipro (Sr. Consultant), shared their valuable knowledge on Salesforce with all the participants.

During the session, following topics were discussed by the experts with all the students:

- ◆ What is Salesforce
- ◆ Why Salesforce Learning is important
- ◆ What is Salesforce Ohana
- ◆ What is Salesforce Trailblazer
- ◆ Salesforce Economy
- ◆ Job Opportunity in Salesforce

At the end of the session students discussed their doubts with the experts and found privileged to get insight to know Job Prospects in Salesforce.



Speaker's Profile



Mr. Akshat Sharma

IBM (Associate Salesforce Technical Architect)

Certified Salesforce Mentor at Salesforce.
10X Salesforce Certified Application Architect.

A qualified and experienced professional with around 3.5 years' experience in the IT industry with proven expertise in the latest trends and techniques of the field in terms of technology and management, with an inborn quantitative aptitude. Certified professional on various technologies with multi-functional experience on Sales cloud, Service cloud and Salesforce SFDX implementation and support.

Skillful Certified Salesforce Mentor at Salesforce and also 10X Salesforce Certified Application Architect.
Hands-on, Comprehensive knowledge of platform development.

CERTIFICATIONS

- C & C++ certified from Technoglobe.
- Salesforce Certified Omnistudio Consultant.
- Salesforce Certified Application Architect.
- Salesforce Certified Data Architecture and Management
- Salesforce Certified Sharing and Visibility Designer.
- Salesforce Certified Service Cloud Consultant.
- Salesforce Certified Sales Cloud Consultant.
- Salesforce Certified Platform Developer I.
- Salesforce Certified Administrator.

Speaker's Profile



Mr. Manish Yadav

Wipro(Sr. Consultant)

Hands-on, skillful experienced professional with around 11+ years' experience in the IT Industry with proven expertise in the field of technology with an inborn quantitative aptitude.

Certified professional on various technologies with multi-functional experience on Salesforce SFDX implementation and support, Data Services and Integration using Oracle SOA Suite 11g & 12c, Oracle B2B, GXS.

Event Gallery





25-26th April, 2022
[Monday, Tuesday]

WORKSHOP ON "DEVOPS"

Time :- 9:15 AM to 12:30 AM
Duration :- Two Days
Presenters :- ZEETRON NETWORKS PVT LTD



DEPARTMENT OF INFORMATION TECHNOLOGY

Presents

TWO DAYS

WORKSHOP

on

DevOps

In association with **ZEETRON NETWORKS PVT LTD**



Ronak Samriya
Network Automation
Engineer

April
25TH - 26TH | **09:15 AM**
12:30 PM

IT Dep. HOD	FACULTY CO-ORDINATORS	STUDENT CO-ORDINATORS
Dr. SMITA AGARWAL	PREETI SHARMA DEEPIKA BANSAL	ANSHUL DHOOPAD HARSHIT TIWARI

Event Details

Presenters: ZEETRON NETWORKS PVT LTD

DevOps is the acronym given to the combination of Development and Operations. It refers to a collaborative approach to make the Application Development team and the IT Operations team of an organization to seamlessly work with better communication.

It is a philosophy that encourages adopting iterative software development, automation, and programmable infrastructure deployment and maintenance.

DevOps emphasizes building trust and better visioning between developers and system administrators. This helps the organization in aligning technological projects to business requirements. Changes rolled out are usually small and reversible, which the entire team begins to comprehend.

DevOps is visualized as an infinite loop comprising the steps: plan, code, build, test, release, deploy, operate, monitor, and then back to plan, and so on.



Glimpses of Event



19th May, 2022

FLICK- “Technical &event”

Organized By -
Department Of Information Technology
JECRC, Jaipur



Event Details

Flick is a technical event in which, an individual/team will be given a theme at the starting of the event, based on which he/she will make a short video clip (not more than 1 min).

This event held in JECRC IT Dept. on 19th of May, 2022 between 9:00 am to 1:00 pm at CT18, Seminar Hall 501, C BLOCK. Flick is a short video making competition in which 19 teams participated. These teams were from different branches.

This event provides a platform to express and showcase the creative skills in video editing, according to a theme given to the participants.



Team Flick Coordinator

Event Gallery



Date: 22 Jan 2022



Just-C



Organized By -
Department Of Information Technology
JECRC, Jaipur

Event Details

Department of Information Technology organized one day technical event, Just C on 22 Jan, 2022 between 9:00am to 1:00pm at CT-18 & CS-12, C BLOCK. Just C is a coding event in which 157 individuals registered. These teams were from different branches. This event was completed in two rounds.

The event consists of 2 rounds - a quiz as well as programming - which will test the understanding of C programming language, computer science fundamentals as well as the ability of participants to creatively put it all together to write programs which solve problems inspired by real life situations.

ROUND 1 - A simple-on screen multiple choice question test related to C language.

ROUND 2 - This will be a programming round. Contestants will write programs which solves the problem under given time and memory constraints.

Winners:

Winner: Abhay Sharma (prize money - 5000/-)

I Runner Up: Ketan Jangid (prize money - 3000/-)

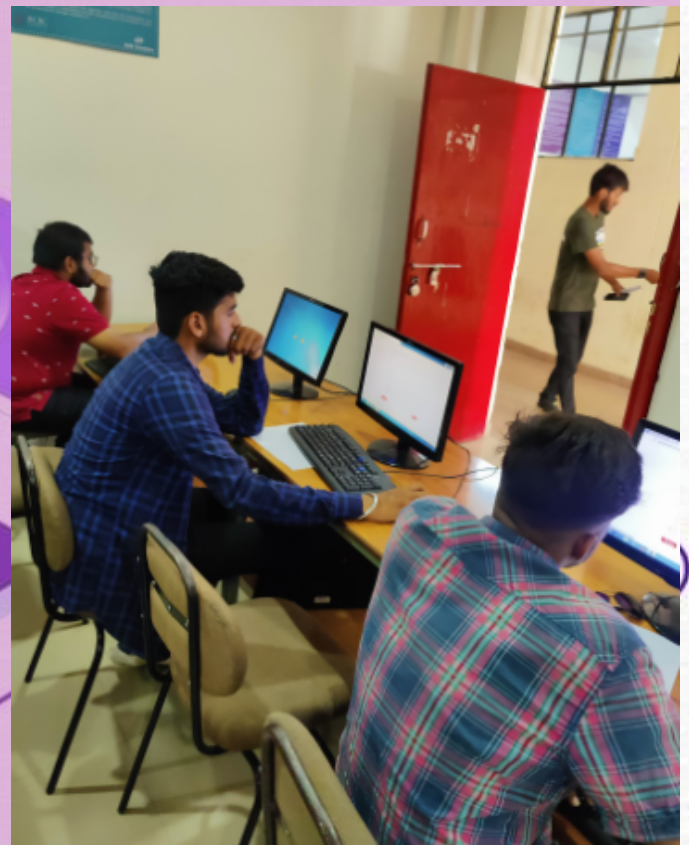
II Runner Up: Aditya Sharma (prize money - 2000/-)

Consolation Prizes:

Harshit Singhal

Bhavin Bansal

Event Gallery



25th September, 2021

TECHNO QUIZ



Venue: C- Block



Event Details

Techno Quiz is a technical event of Department of Information Technology held at 25th Sept, 2021 between 10:00AM to 01:00PM at C-501, C BLOCK. Techno Quiz is a quiz event in which 43 teams participated. These teams were from different branches. This quiz was completed in four rounds. Out of these four rounds two were of technical quiz and two were of Fun rounds.

Brief profile of Speaker

External Judges: Mr. Harsh Sharma
(Software Engineer @ Principle Global Service LTD)

Internal Judges: Dr. Sarita Poonia
(Associated Professor @ Department of Applied Science)

Student Coordinator:

Shashank Maheshwari(III year)

Priyanshi Jangid(III year)

Ravindra Anchara(III year)

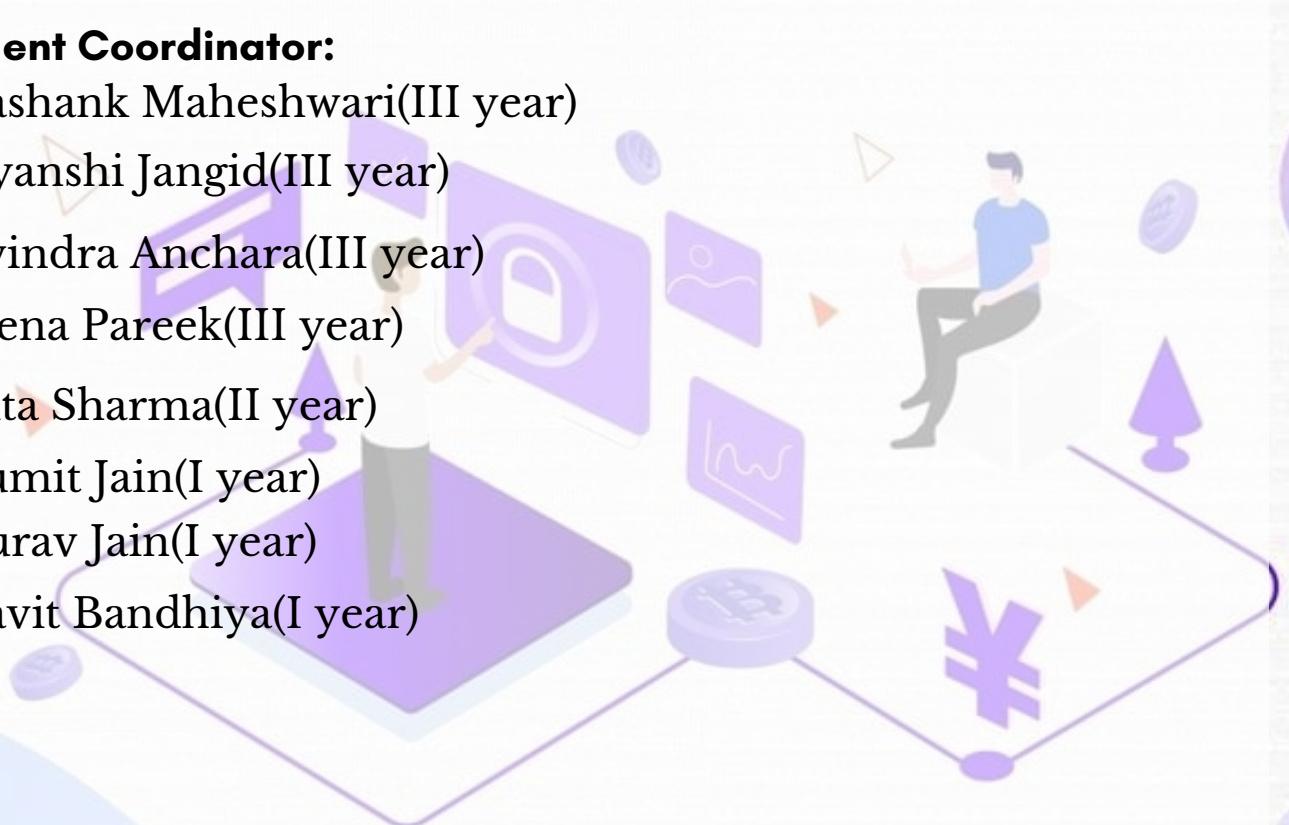
Preena Pareek(III year)

Ishita Sharma(II year)

Bhumit Jain(I year)

Gaurav Jain(I year)

Gravit Bandhiya(I year)



Glimpses of Event



Glimpses of Event



Glimpses of Event



Date: 26 November, 2021

WEB-CRAFTERS

Organized By -
Department Of Information Technology
JECRC, Jaipur

Event Details

Web-Crafters is a technical event of Department of Information Technology in which an individual/team will be given a theme at the starting of the event based on which he or she will make a website or web page.

This event provides a platform to express and showcase the creative skills in website development, according to a theme given to the participants.

Judges :

Mr.Laveesh Gupta
Mr.Md Rizwan Khan(IT)

Winner :

Ammar Bohra and Himanshu Dhaka

Runner up :

Khushal Jangid

Consolation prizes :

Sourav Kumar and Vinay Kumar
Diya jain and saloni vijayvargiya
Hardik Rathi and Ronak Maheshwari
Jyoti Soni and Komal Gupta

Organizing Team

Teacher Coordinators:

Mr. Brijesh Kumar Singh
Mr. Jay Shankar Sharma

Student Coordinators:

Gaurav Bhardwaj(III Year)
Ishan Mittal(III Year)
Naman Goyal(III Year)
Anshul Dhoophad(III Year)

Student Volunteers:

Saloni Gupta(II Year)
Sanskriti Gupta(II Year)
Anurag Sinha(I Year)



Event Gallery





**4th National Conference
on
Information Technology and Security Application
(NCITSA-2022)**

Conference Chair -
Dr. V.K. Chandna

Conveners -
Dr. Smita Agarwal
Mr. Piyush Gautam

Co-Convenor(s) -
Ms. Deepika Bansal

Event Details

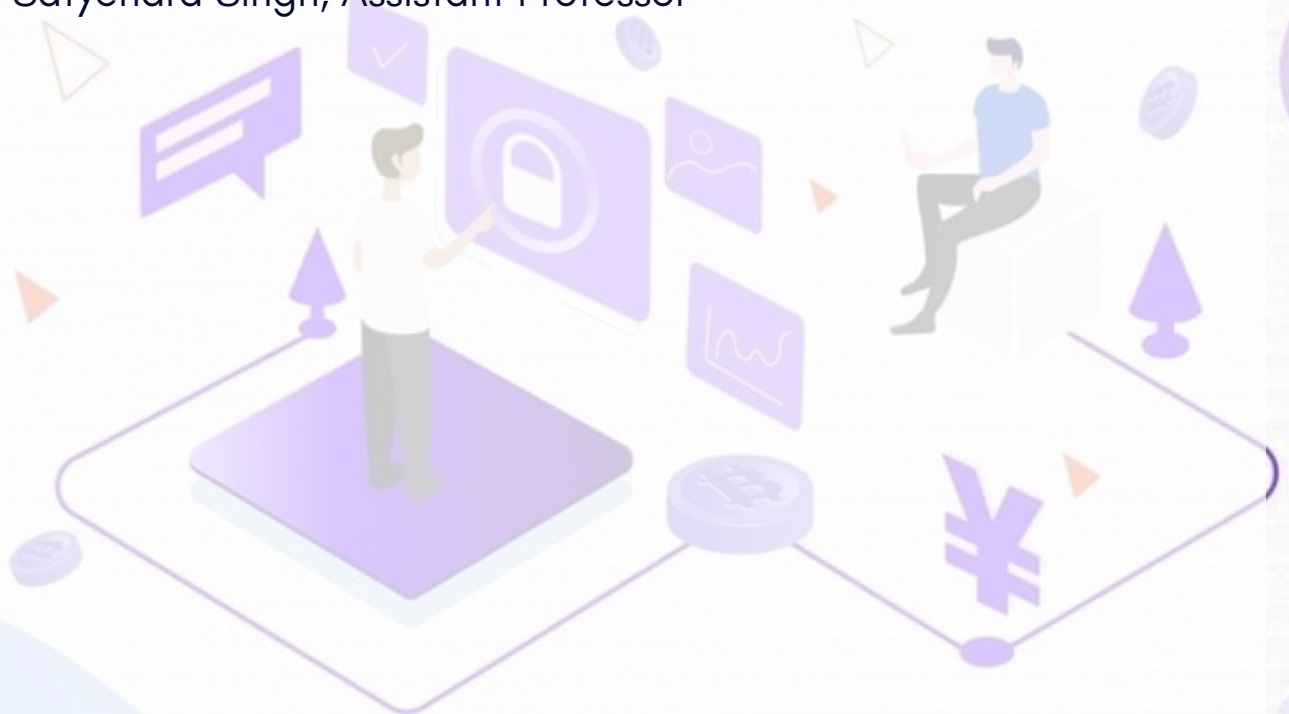
The Department of Information Technology, JECRC, Jaipur, India is exultant to offer NCITSA-2022, a National Conference highlighting recent trends and development in science, engineering and technology in today's world.

The aim of the NCITSA'22 is to accumulate and share innovative ideas, precious knowledge, and unique experience for mutual benefits of researchers, business representatives, academicians and scholars. We do hope that the active involvement of most prominent speakers and delegates and their innovative ideas will create a stimulating atmosphere for further active development of multidisciplinary and convergent research in the area of the latest advancement in Engineering as well as Science.

Keynote Speakers:

Dr. Dinesh Goyal, Director & Professor

Dr. Satyendra Singh, Assistant Professor



Keynote Speaker's Profile



Dr. Dinesh Goyal

Director & Professor

Dr. Dinesh Goyal is presently working as Director & Professor at Poornima Institute of Engineering & Technology. Acquiring an experience of more than 21 years in teaching, and perceive keen interest in research area relating Cloud Security, Image Processing, Data Analytics and Information Security. He has 8 Full patents published & 1 Copyright under his name. He has successfully published 9 edited books with big publishing giants like Springer, Wiley, IGI Global, Apple Academic Press, Taylor & Francis and Eureka. He has published 3 SCI & 21 Scopus and 15 Web of Science indexed papers & is editors of 2 SCI & 5 Scopus Indexed Journals. He has also attended more than 25 International Conferences & has been invited speaker for more than 15 Conferences & Seminars. He is life member of ISC & ISTE and fellow member of ACM, CSI & IEEE.

Keynote Speaker 's Profile



Dr. Satyendra Singh

Assistant Professor

Dr. Satyendra Singh, presently working as an Assistant Professor-I in School of Electrical Skills, Bhartiya Skill Development University Jaipur (Rajendra and Ursula Joshi Charitable Trust), and involved in teaching and practical training based on the Swiss dual system. He has published many research papers in reputed Journals such as IET Generation Transmission and Distribution, IEEE ACCESS, Applied Sciences (MDPI), Energies (MDPI), Turkish Journal of Electrical Engineering and Computer Sciences, and reputed conferences of International and National. He has also published one Indian Patent. Moreover, he has served as Session Co-Chair in two sessions (Lighting and Transportation Electrification and Emerging Applications of Power Electronics) at one of the most prestigious and renowned conference, IEEE 12th Energy Conversion

Session Chair's Profile



**Day-1 First session
(14th May 2022)**

Dr. Mithlesh Arya is currently working as an Associate Professor at Computer Science Department in Poornima College of Engineering, Jaipur. She has done her doctorate from MNIT Jaipur in 2020. Her M.Tech is from Banasthali Vidhyapith in 2010. She also completed her B.E from Engineering College Kota in 2004. She has published many papers in reputed journals and international conferences. Her research domains areas are Machine Learning and Image Processing.



**Day-1 Second session
(14th May 2022)**

Ms. Dolly Mittal has done her M.Tech from MNIT, Jaipur, in 2017. She has also completed her B.Tech from MBM Engg. College Jodhpur in 2009. She has 12 years of teaching experience at SKIT, Jaipur. Ms. Dolly has area of interest in Machine Learning and Big Data Analytics.

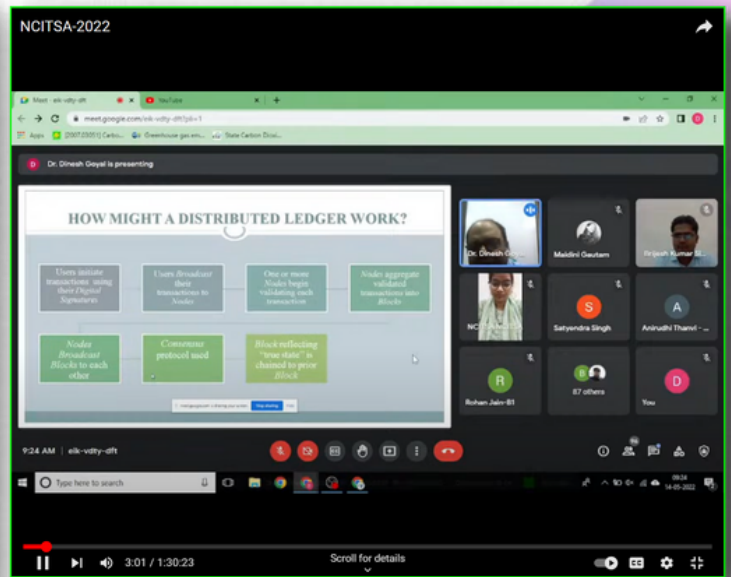
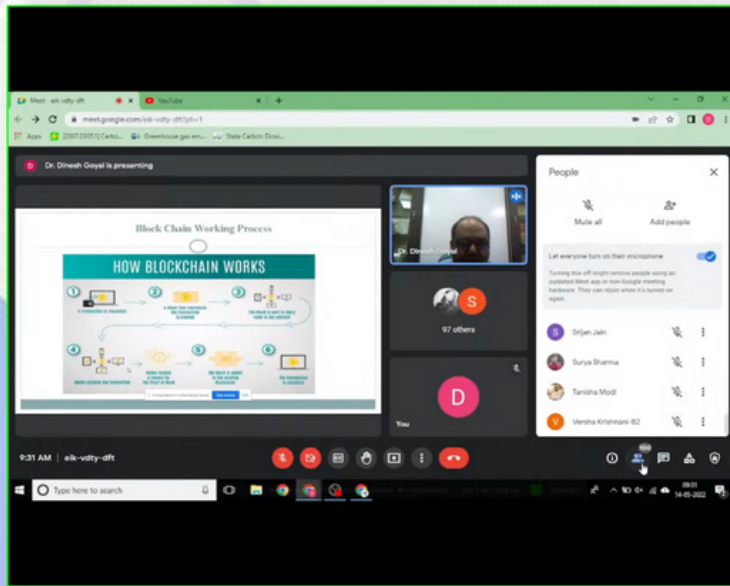


**Day-2 First session
(15th May 2022)**

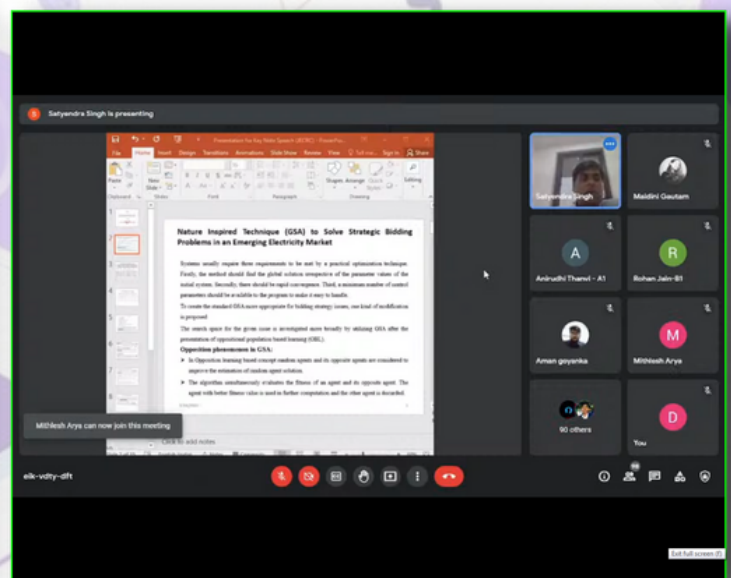
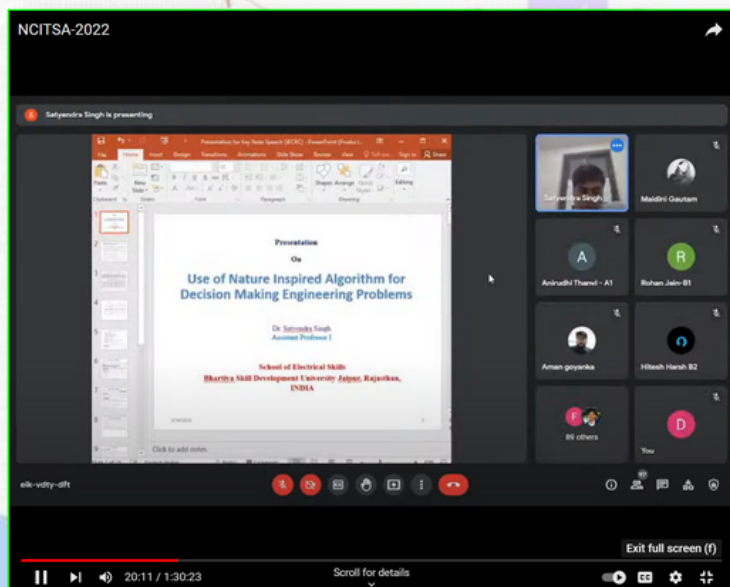
Ms. Shruti Thapar is working as an assistant professor at PIET, Jaipur

Keynote Sessions

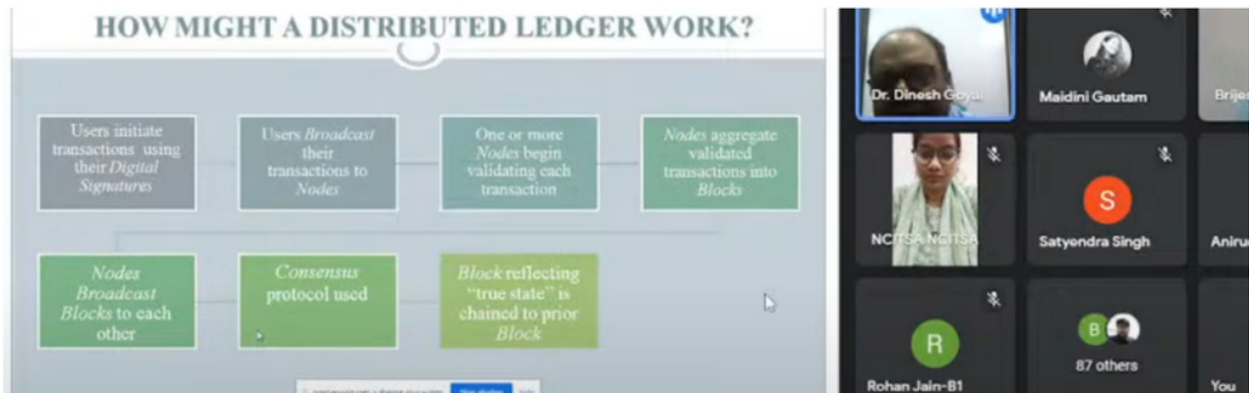
Session-1



Session-2



Glimpses of Event



14th May 2022

A Study on Gated Recurrent Unit

Presented By:

Parul Jain
Department of Information Technology
Jaipur Engineering College and Research Centre, Jaipur

Prajwal Gidwani
Department of Information Technology
Jaipur Engineering College and Research Centre, Jaipur

Mentored By:
Mr. Piyush Gautam
Department of Information Technology
Jaipur Engineering College and Research Centre, Jaipur

National Conference on Information Technology and

Parul Jain, Prajwal Gidwani - B1, Maidini Gautam, Mithlesh Arya, IT Ishika Garg, Animesh MathurA1

14th May 2022

Edge Computing : An Overview

Presented By:
Rishav Sharma
Sonakshi Sikhwal

Guided By:
Ms. Shikha Shrivastava

National Confer Technology and

Sonakshi Sikhwal, Maidini Gautam, Parul Jain, Rishav Sharma - B1, Mithlesh Arya, IT Ishika Garg

14th May 2022

DRIVER ABNORMALITY DETECTION USING REAL-TIME IMAGE PROCESSING

Presented By :

Anirudhi Thanvi
Department of Information Technology, Jaipur Engineering College and Research Centre

Tanisha Modi
Department of Information Technology, Jaipur Engineering College and Research Centre

Mentored By :
Piyush Gautam
Department of Information Technology, Jaipur Engineering College and Research Centre

National Confer Technology and

Maidini Gautam, Tanisha Modi, Anirudhi Thanvi - A1, Mithlesh Arya, Rohan Jain-B1, Anirudhi Thanvi - A1

Advisors



Dr. Smita Agrawal
(Head Of Department)



Mrs. Neha Jain
(Assistant Professor)



Mr. Subrat Shukla
(Student Coordinator, II yr)

Faculty of Department of Information Technology



Mr. Naveen Kumar Kedia
Assistant Professor



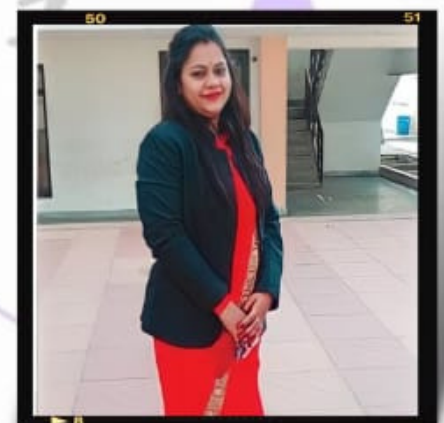
Mr. Piyush Gautam
Assistant Professor



Ms. Shika Shrivastava
Assistant Professor



Md. Rizwan Khan
Assistant Professor



Ms. Preeti Sharma
Assistant Professor

Faculty of Department of Information Technology



Ms. Deepika Bansal
Assistant Professor



Ms. Kusum Yadav
Assistant Professor



Mr. Brijesh Kumar Singh
Assistant Professor



Mr. Jai Sharma
Assistant Professor



Mr. Rohit Chhabra
Assistant Professor



Ms. Priya Gupta
Assistant Professor

Team Members



SUBRAT SHUKLA
II YEAR



NIDHI AGRAWAL
I YEAR



PRANAV PUROHIT
I YEAR



NEHA KHANDELWAL
I YEAR



PIYUSH AGARWAL
I YEAR

The image features a light purple background adorned with numerous pink cherry blossoms of varying sizes and opacities, some with yellow centers. A large, dashed white circle is centered on the page, framing the text.

Thank you



Department of Information Technology



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTER

**JECRC Campus, Shri Ram ki Nangal, via Sitapura RilCO,
Tonk Road, Jaipur-302022**

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