



KARNATAK LAW SOCIETY'S

SHRI VASANTRAO POTDAR POLYTECHNIC

KLS CAMPUS, TILAKWADI, BELAGAVI – 590 006

(Recognized by Govt. of Karnataka & Approved by AICTE, New Delhi)



DEPARTMENT OF COMPUTER SCIENCE & ENGG

NEWS LETTER -2023-24

Vision

The department of Computer Science and Engineering shall stand out as nurturing ground for education and learning in the field of information technology with the objective of building information technology professionals of outstanding character, positive mindset and steadfast social responsibility.

Mission

Train the students of Department of Computer Science and Engineering

- To nurture their potential in information technology.
- To develop inquisitive and creative minds for understanding the necessities of information technology field.
- To create professionals for the benefit of human society.

Message from Chairman

At VPP our quest for excellence continues through various initiatives that will help our students place themselves on a career path, that does justice to their capacities and motivation. I look forward for your suggestions and ideas for raising the bar.

-Shri. U.N.Kalkundrikar

Message from Principal

To impart quality education and bridge the industry-institution gap, VPP has established a Centre of Excellence which runs programmes to cater the needs of the students. Memorandum of understanding with the industries is established which helps the students in persuading internship programmes.

To help students get admitted in reputed Engineering colleges, VPP conducts NATA and DCET classes for the students of final year. Your suggestions are most welcome.

-Ms. Shridevi S. Malaj



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Department of Computer Science & Engg.

EVENTS

- Two weeks Student Induction Programme (SIP) was organized for the newly admitted students from 3.7.2023 to 18.7.2023



- Project Presentation by passed out students to V sem students on 3/8/23.





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- V Sem CS Student presentation photos of developmental assessment in August 2023.



- Final Year students completed internship from Eyesec Cyber Security Solutions Pvt. Lmt. on " Artificial Intelligence & Machine Learning with Python" from 15th July to 30th July 2023 (100 Hours)





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- Industry class on Cyber Security at 11:00 am by Prof.Sagar Pujar , Asst.Prof., KLS, GIT, Belagavi on 5/08/23.



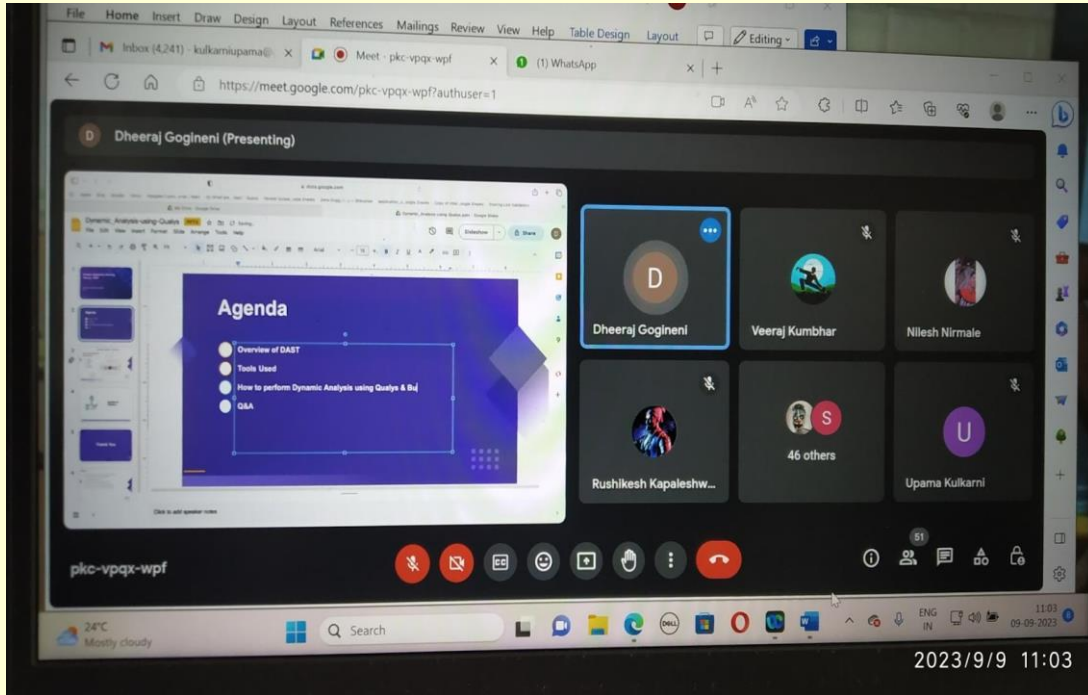
- Online Industry talk on Applications of Cryptography held on 12/08/23 by Prof. Sagargouda Patil, Assoc.Prof. and Dean (R&D), Dept.of CS&E, Dr.D.Y.Patil College of Engineering , Kolhapur
- Industry class on “High Availability and Load Balancing” at 11:00 am to 12:30pm on 19/08/23 by Prof. Sagar Pujar , Asst.Prof., KLS, GIT, Belagavi



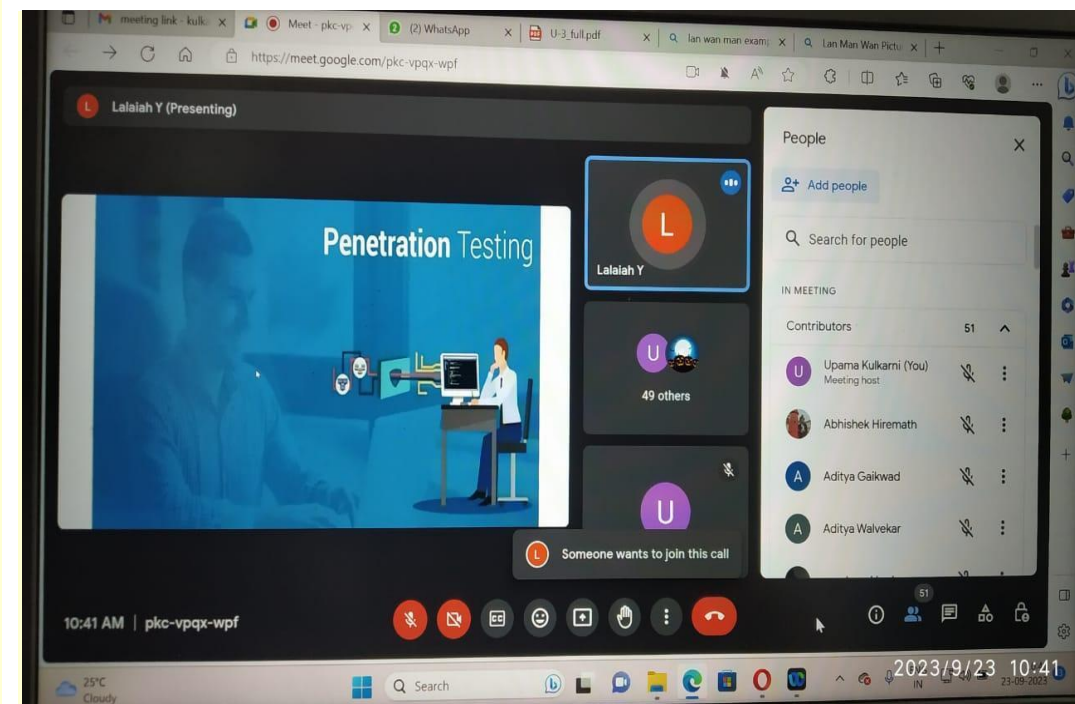


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- Online Industry held talk on “System Security and “Source code scan using a commercial tool like microfocus fortify or checkmarkz” at 10:30am by Mr. Dheeraj Gogineni , Information Security Engineer, Hyderabad on 2/09/23.
- Online Industry talk held on “Dynamic analysis using Qualys” at 11:00 am to 12:30 pm by Mr. Dheeraj Gogineni , Information Security Engineer, Hyderabad on 9 /09/23 for V sem students.



- Expert talk held on “How penetration testing is used in companies to improve their security posture “ by Mr. Lalaiiah Yatakula, Senior Architect, AKM Global Solutions Pvt. Ltd., Bangalore on 23/Sep/2023 at 10:30 am to 11:45 am for V sem students .





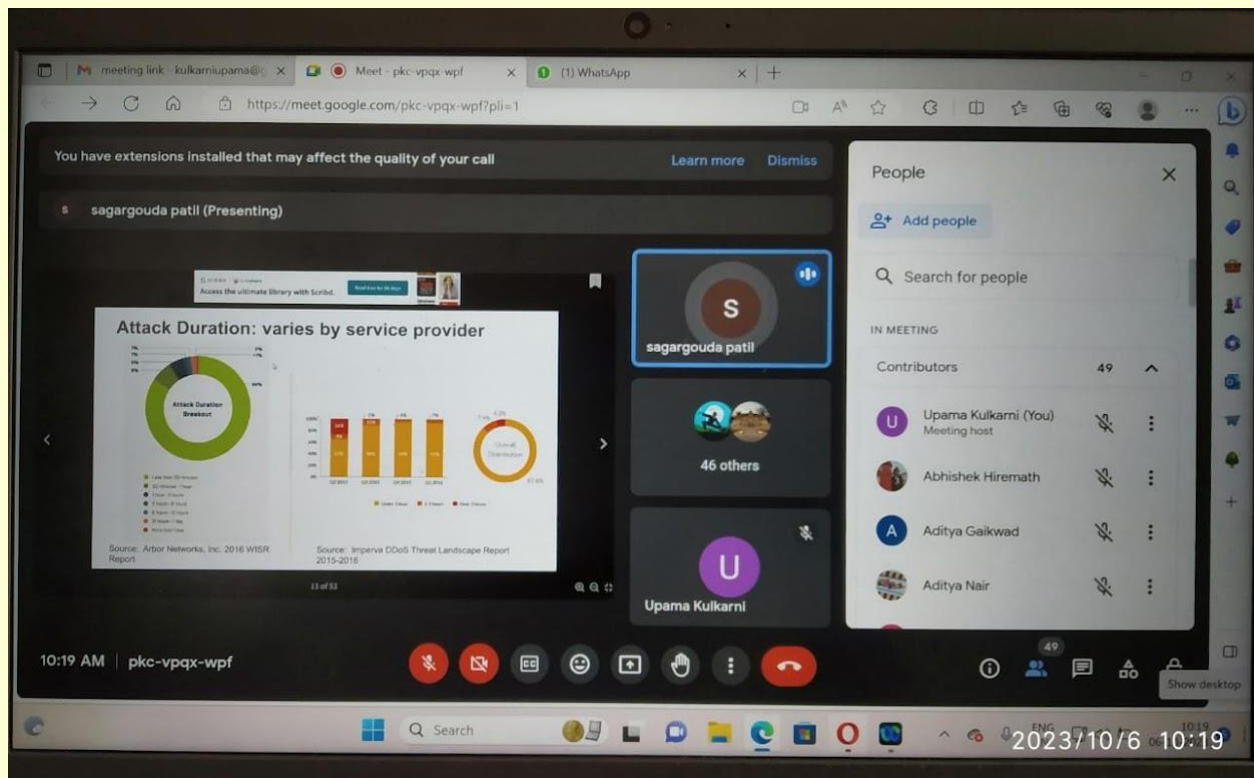
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- Second parents meet for the academic year 2023-24 was conducted on 30th Sept,2023.



- Online Industry talk held on Preventing DDoS in a cloud native env, Hybrid Cloud env on 6/10/23 by Prof. Sagargouda Patil, HOD & Assoc. Prof., Jain College of Engineering & Research, Belagavi.





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- Students of V semester students of CS attended an expert talk on “Developments in the field of Computer Science” on 18th Nov, 2023. Resource Person was Mr. Vidur S. Vatsalya, Program Manager, Microsoft Seattle, USA



- KLS VPP organized athletics & Cricket Tournament for all the students from 20th Nov to 22nd Nov 2023 . Students actively participated in Shot put, Discus Throw, Javelin Throw, 100,200, 400 mts running, relay & Cricket Tournament .





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- Students of 5th sem CS went for Industry visit along with Mrs. Upama Kulkarni and Mrs. Nandini C.V. to Laila Sugars Pvt LTD., Khanapur on 23rd Nov,2023.



- Students of 4th sem CS attended two days' workshop on RPA (Robotics Process Automation) from 5th Jan, 2024 and 6th Jan 2024. The Resource Person was Prof. Vidyadeesh Pandurangi, Professor, KLS, GIT, Belagavi.





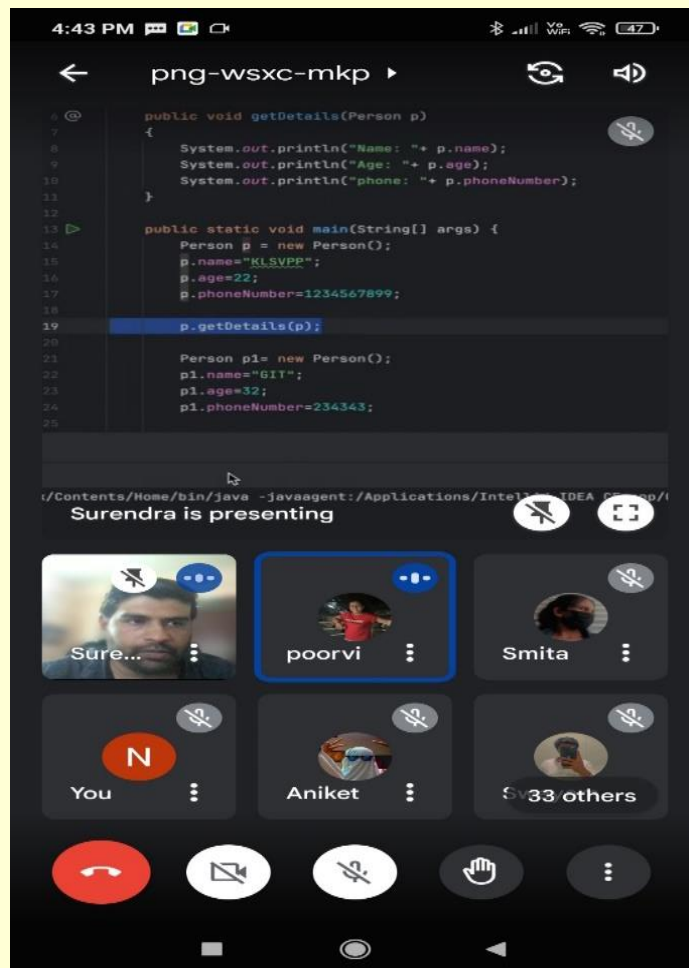
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- Plantation activity was organized as a part of Green Club Activity on 7/2/2024. Principal, HODs, Staff and students of 2nd Sem CS participated in the same.



- Students of 4th sem attended an Online Talk on “Basics of JAVA” on 10/02/2024 at 4:00pm to 5:00 pm. Resource person was Mr. Surendrakumar Deshpande, Staff DevOps Engineer, Blackhawk N/W India, Bangalore.





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- Students of 6th Sem attended alumni talk on “Career Guidance” on 26/02/2024 in seminar hall. Resource person was Mr. Omakar Naik, System Engineer, Tata Consultancy Service, Bangalore.



- Expert Talk on "Cyber Security " for the students of VI Sem CS on 6th April,2024 by Mr. Sagargauda Patil.





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STAFF ACHIEVEMENTS

- Mrs. Sakshi Joshi cleared NPTEL certification course on “Problem solving through programming in C” in the month of Nov, 2023.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SAKSHI JOSHI
for successfully completing the course
Problem Solving Through Programming in C
with a consolidated score of **73** %

Online Assignments	24.88/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **3857**

Jul-Oct 2023
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
swayam
विद्यया ऽमृतमश्नुते

Roll No: NPTEL23CS121S632200964 To verify the certificate

No. of credits recommended: 3 or 4

- Ms. Sunanda Honnikoll has attended Three-Day FDP on “No Code AI Demystified : Simplifying Artificial Intelligence Application for All” organized by Dept. of CSE Dr.M.S Sheshagiri Campus, Belagavi from 26th March , 2024 to 28th March, 2024.

KLE Technological University
Creating Value. Leveraging Knowledge.
Dr. M. S. Sheshgiri Campus, Belagavi

CERTIFICATE OF PARTICIPATION

This is presented to :

Mrs. Sunanda Honnikoll

On successful completion of **Three-Day Faculty Development Programme on "NO-Code AI Demystified: Simplifying Artificial Intelligence Application for All"**
Organised by
Department of Computer Science and Engineering Dr. M. S. Sheshagiri Campus, Belagavi.
from 26th to 28th March 2024

DR. PRIYANKA A.GAVADE
Convener

DR. RAJASHRI KHANAI
Head, Dept. of CSE & AI

DR. S. F. PATIL
Principal

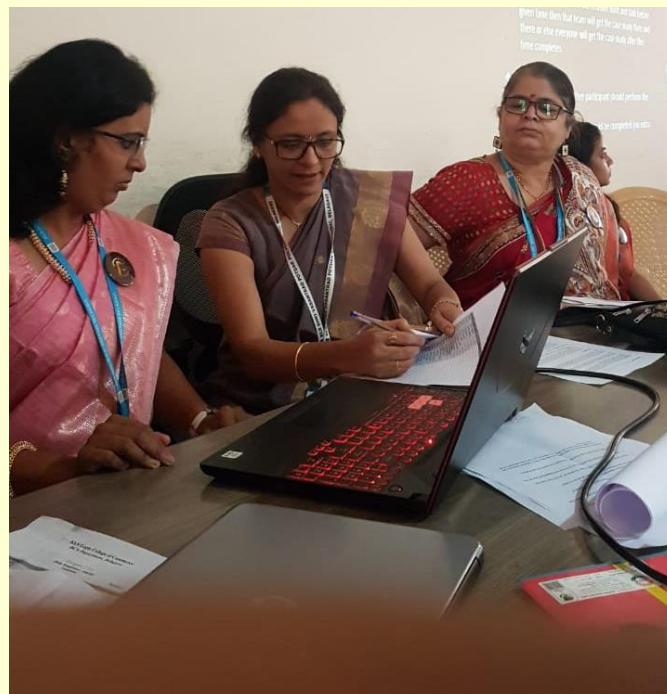


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- Mrs. Anuradha Desai, HOD, Dept. of CSE have been invited as an honorable judge for the “First Day” of Data Analytics Event. Hosted by an IT Fiesta named MAGNUM 2024 on 9th and 10th of Jan, 2024 at KLS’s Gogte College, BCA, Department.



- Mrs. Anuradha Desai was the panel member for Interview in KLS BCA on 17th April, 2024





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- Mrs. Anuradha Desai was the judge for Intercollegiate “Evogen 13.0” for “Data Analytics-STELLAR-INSIGHTS” event round one on 14th June 2024.





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STUDENTS ACHIEVEMENTS

- Ms. Krithi Naik secured gold medal in 8th National invitational Karate Championship-2023.



- Students of 3rd sem CS won 3rd place in LAN Gaming organized by KLE Society's College of Business Administration "VRTTANTA 2023" on 9th and 10th Nov, 2023





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- Kirthi Naik student of 1st sem CS, secured Gold medal in 5th National level Karate Competition organized by Belagavi dist. Sports Karate Association, on 28th and 29th Dec,2023.



- Aditi Deshpande, 4th Sem CS has participated in YUKTI-2024 a National Level Techno-Cultural Fest on 12/01/2024 at VTU, Belagavi.





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- Students of 4th sem Avadhoot Patil, Nandan Anvekar, Rishab Kulkarni, Nayab Attar (TEAM MKC) has WON(Winners)**1st place** in Battle grounds ka Sangharsh event at AURA'24 which was held from 13th -15th March 2024 at K.L.S GIT, Belagavi.





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- DCET Rank of CS Students 2023-24

 <p>SAHANA M VERNEKAR DCET RANK 05</p>	 <p>PRANJAL V USULKAR DCET RANK 53</p>	 <p>PAVITRA P KULKARNI DCET RANK 73</p>	
 <p>PRANAV M GUDAGI DCET RANK 109</p>	 <p>ABHISHEK HIREMATH DCET RANK 131</p>	 <p>XAVIER H CASTILINO DCET RANK 184</p>	 <p>ADITYA R WALVEKAR DCET RANK 196</p>
 <p>SAI N SAWANT DCET RANK 238</p>	 <p>ANUSHA A ROKHADE DCET RANK 314</p>	 <p>CHINMAYI R CHODANKAR DCET RANK 376</p>	 <p>TANVI ITAGIKAR DCET RANK 411</p>
 <p>SHRUTI P ANVEKAR DCET RANK 462</p>	 <p>RIYA V NESARKAR DCET RANK 468</p>	 <p>OM G GAWAS DCET RANK 497</p>	 <p>SANJANA KAREKAR DCET RANK 551</p>
 <p>ATHARV L BELGAONKAR DCET RANK 597</p>	 <p>SHASHANK SHETGERI DCET RANK 652</p>	 <p>SUDEEPTI DESHPANDE DCET RANK 721</p>	 <p>RAKSHITA R KULKARNI DCET RANK 742</p>



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FINAL YEAR TOPPER 2023-2024

Topper	Name	Photo	CGPA
I	SAHANA MANOHAR VERNEKAR		9.97
II	PRANJAL VISHAL USULKAR		9.94
III	PAVITRA P KULKARNI		9.89
IV	SAI NANDAN SAWANT		9.82
V	ABHISHEK M HIREMATH		9.80



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SECOND YEAR TOPPER 2023-2024








Topper	Name	Photo	CGPA
I	BHOOMIKA D JITURI		9.98
II	Md REHAN SANADI		9.91
III	SANSKRUTI BHATKANDE		9.83
IV	SAMIKSHA S BADMANJI		9.83
IV	POORVI TORVI,		9.78
V	HARSHA VITTHAL NAKADI		9.76



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FIRST SEMESTER 2023-2024

Topper	Name	Photo	CGPA
I	SIDDHI SHASHIKANT BIRJE		10
II	SHRESHTHA GOMATESH BAGI		9.9
III	MEGHANA SUNIL RODD		9.8
	SHRAVANI AMIT KILLEKAR		9.8
	VAISHNAVI KAKATKAR		9.8
IV	NEHA GAJANAN HUNDRE		9.7
V	HARSH V RAJAPURKAR		9.6



STUDENTS COLUMN

The Impact of Artificial Intelligence on Cybersecurity: Enhancing Protection or Creating New Risks?



Artificial Intelligence (AI) is becoming a major tool in cybersecurity, helping to protect against cyber threats. While AI can make security systems smarter and faster, it also introduces new risks. This article looks at how AI is changing cybersecurity and the benefits and challenges it brings.

Enhancing Protection:

1. **Better Threat Detection:** AI can quickly analyze large amounts of data to spot unusual activities that might indicate a security threat. Unlike traditional systems that rely on fixed rules, AI learns from patterns in the data, improving its ability to detect new types of attacks.
2. **Faster Response:** AI can automatically respond to threats by isolating affected parts of the network or adjusting security settings without human intervention. This quick reaction helps to minimize damage from cyber attacks.

Creating New Risks:

1. **Manipulation of AI Systems:** Hackers are finding ways to trick AI systems by feeding them misleading information. This can cause the AI to miss or misinterpret threats, making security measures less effective.
2. **Over-Reliance on AI:** Relying too much on AI can lead to complacency. AI systems need regular updates and human oversight to stay effective. Without these, security gaps can develop.

AI offers significant improvements in cybersecurity, such as better threat detection and faster responses. However, it also brings challenges like potential manipulation and privacy concerns. Organizations should use AI wisely, combining it with human oversight to get the best results while managing risks.

Stay updated on AI developments in cybersecurity and consider how they can be applied in your organization. Be proactive in addressing both the benefits and risks to keep your security measures strong and effective.

By: TANMAY ANAND DIXIT



The Rise of Quantum Computing: How It Will Transform the Future of Technology



Quantum computing is a new and exciting field that could change how we use technology. Unlike classical computers, which use bits (0s and 1s) to process information, quantum computers use qubits, which can be both 0 and 1 at the same time. This allows them to solve complex problems much faster than today's computers.

Quantum computers use two key properties: “superposition” and “entanglement”. Superposition allows qubits to be in multiple states at once, while entanglement links qubits so that the state of one affects the state of another, no matter the distance. These properties help quantum computers handle huge amounts of data quickly and efficiently.

Some of the Potential Impacts of using quantum computers are:

1. **Cryptography:** Quantum computers could break current encryption methods, which would challenge how we protect our data. This will lead to new, more secure encryption techniques.
2. **Drug Discovery and Materials:** They could speed up the discovery of new medicines and materials by simulating molecular interactions more accurately, making drug development faster and cheaper.
3. **Artificial Intelligence:** Quantum computers could improve AI and machine learning by processing data and solving problems more efficiently, leading to smarter and more capable AI systems.
4. **Optimization:** They could solve complex optimization problems in industries like logistics and finance more effectively, improving efficiency and reducing costs.

Right now, quantum computers are still being developed and are not yet ready to replace classical computers for most tasks. However, major tech companies and governments are investing heavily in this technology, making rapid progress.

Quantum computing has the potential to revolutionize technology by solving problems that are currently beyond our reach. As the technology matures, it could significantly impact fields like cybersecurity, medicine, AI, and optimization, shaping the future of technology in profound ways.