BYTES

NOT JUST ONES AND ZEROES

VOL.
16

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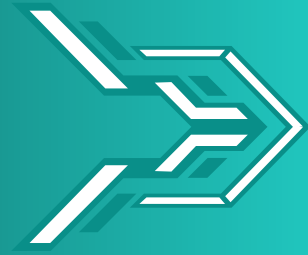
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BYTES EDITORIAL BOARD

BYTES

FACULTY EDITORIAL BOARD

MS. CHHAYA YADAV

STUDENT EDITORIAL BOARD

RAMAN MAURYA	**2nd YEAR CSE**
NITIN KUMAR	**2nd YEAR CSE**
AYUSH DEEP	**2nd YEAR CSE**
DIVYANSHU GAUTAM	**2nd YEAR CSE**
CHARU SARSWAT	**2nd YEAR CSE**

bytescse@rkgit.edu.in

HOD Message

"Computer Science and Engineering aims to motivate young professionals and enrich the budding engineers with latest trends in technology. The major focus of department is to nourish student's skills on project based learning with heterogeneous requirements and provides ample opportunities for the students to grasp enriched knowledge by IT industries driven curriculum with their implementation."

Department of CSE

Vision

To be recognized globally for delivering high-quality education in the ever-changing field of Computer Science and Engineering, both of value & relevance to the communities we serve.

Mission

1. To provide quality education in both theoretical and applied foundations of Computer Science and train students to effectively apply this education to solve real-world problems.
2. To amplify their potential for lifelong high-quality careers and give them a competitive advantage in the challenging global work environment.

TECH
NEWS!

GITHUB COPILOT

GitHub Copilot is an AI coding assistant that helps you write code faster and with less effort, allowing you to focus more energy on problem solving and collaboration. Copilot offers coding suggestions as you type: sometimes the completion of the current line, sometimes a whole new block of code. You can accept all, or part, of a suggestion, or you can ignore the suggestion and keep typing.

Using the chat feature, you can ask Copilot how best to solve a problem. Or you can ask Copilot to explain someone else's code. If your code has a bug, you can ask Copilot how to fix it.
GitHub Copilot has been proven to increase developer productivity and accelerate the pace of software development.

TAB NINE

Tabnine is another AI coding assistant that uses OpenAI Codex to generate code suggestions. It can auto-complete whole lines of code or full functions, as well as match the style and conventions of your existing codebase. Where Tabnine stands out is with its availability.

 GitHub Copilot and Amazon CodeWhisperer are only available in a handful of major IDEs, like VS Code, whereas Tabnine is also available in a wider variety of apps, including Sublime, Emacs, Vim, and Android Studio. Tabnine supports over 80 programming languages and frameworks.

Tabnine ensures zero data retention and complete code privacy. It has ability to create bespoke models trained on your specific codebase.

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Faculty Achievements

Dr. Amit Singhal
HOD-CSE

BYTES

- Delivered an **Invited talk** in 5 days FDP on **"Artificial Intelligence & Machine Learning in Manufacturing Technology"** organized by **Motherhood University, Roorkee** on 15th Jan 2024.
- **Keynote Speaker** in an International Conference on **Recent Advance in Computer Science Engineering & Management (RACSEM-24)** organized by **R.D. Engineering College, Ghaziabad** on 23rdFeb 2024.
- Published a Book Titled **"Introduction to Big data and IoT"** under the publisher **Chendur Publishing House**, Chennai on May 2024.
- Published a Book Titled **"Analyzing and Mitigating Security Risks in Cloud Computing"** under the publisher **IGI Global Publishing House**, Feb 2024.
- Published a paper titled **"Utilizing Artificial Intelligence for Advance Data Science and Analysis"** in Proceedings of the **2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).
- Published a Patent Titled **"Accidents Control System"** on dated 12th April, 2024.
- Published a patent on **"Machine Learning And Artificial Intelligence Based Device – Vaachak For Specially Abled People"** on dated 12 April 2024.
- Published a paper titled **"Explainable Artificial Intelligence (XAI) Model for Cancer Image Classification"** in **CMES-Computer Modeling in Engineering & Sciences** on May 2024.
- Published a paper titled **"Advancements in Explainable AI: Bridging the Gap Between Model Complexity and Interpretability"** in Proceedings of the **2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).
- Published a paper titled **"Utilizing Artificial Intelligence for Advance Data Science and Analysis"** in Proceedings of the **2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).
- Attended a **Five Days Faculty Development Program** on **"Role of Green Energy Towards Sustainable Smart Cities"** organized by **JSS Academy of Technical Education, Noida** from 13/02/2024 to 17th Feb 2024.
- Attended a **Four Weeks Technical Entrepreneurship Development Programme** organized by **AMET University, Chennai** from 29th Jan 24 to 23rd Feb 24.

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Dr. Pawan K. Goel

- Published a Paper on **"Beyond Automation: Exploring the Synergy of Cloud, AI, Machine Learning, and IoT for Intelligent Systems"** in Journal of Electrical Systems on April 2024 (Scopus Indexed)
- Best Paper Award for his paper presentation at the IEEE International Conference ICICET-2024.
- Session Chair at the 6th International Conference on Communication & Computational Technologies (ICCCT-2024), held on January 8–9, 2024 organized by RIET, Jaipur.

- **Published / Design Grants for the following Patents:**
  - **"Robot For Security"**
  - **"IoT Health Monitoring Device"**
  - **"Smart Agricultural Drone For Crop Monitoring And Management"**
  - **"A Decentralized Data Management IoT System Using Blockchain Technology"**

- **Books Published:**
  - **Analyzing and Mitigating Security Risks in Cloud Computing** published by **IGI Global.**
  - **Improving Security, Privacy, and Trust in Cloud Computing** published by **IGI Global.**
  - **Cloud Computing-Concepts, Trends and Applications** published by **Scientific International Publishing House (SIPH).**
  - **Futuristic Trends in Information Technology** published by **Iterative International Publishers (IIP).**
  - **Digital and Social Media Marketing: Navigating the Modern Marketing Landscape** published by **String Production House.**

- **Book Chapter's Published:**
  - **AI-Driven Software Development Lifecycle Optimization** by **IGI Global.**
  - **Introduction to AI, ML, Federated Learning, and LLM in Software Engineering** by **IGI Global.**
  - **Security Automation & Orchestration** by **IGI Global.**
  - **AI and Machine Learning in Smart Education: Enhancing Learning Experiences through Intelligent Technologies** by **IGI Global.**
  - **Secure Communication Protocols for Cloud and IoT: A Comprehensive Review** by **IGI Global.**
  - **Tools-Based Value - Added Approaches and Methodologies in Student-Centric Learning** by **IGI Global.**

- **Research Paper Published in International Conferences:**
  - **"Exploring the Potential of Transfer Learning for Accurate Segmentation of Pathological Structures in X-Ray Images"** at **IEEE International Conference ICDT 2024.**
  - **"Energy Efficient Block Chain Solutions for Edge and Cloud Computing Infrastructures"** at the **IEEE International Conference ICDT 2024.**
  - **"Fin Safe - Empowering Financial Security through the Synergy of Machine Learning and Blockchain"** at **10th IEEE International Conference ICCSP-2024.**
  - **"A Comparative Analysis of Traditional Deep Learning Frameworks for 3D Object Pose Estimation "** at **IEEE International Conference ICDT 2024.**
  - **"Digital Education for Sustainable Development"** at **9th Global Leadership Conference (GLRC 2024).**

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Dr. Khel Prakash Jayant

- Certificate of session chair in the IC2PCT-2024 organized by Galgotias University, Greater Noida, Uttar Pradesh, India on 9th & 10th February, 2024.
- Published a patent on **"Deep Fake Vedios Detection System & Method"** on dated 02 February 2024.
- Published a patent on **"Smart Agricultural Drone For Crop Monitoring And Management"** on dated 02 February 2024.

Mr. Sanjay Srivastava

- Published a patent on **"Enhancing Cinematography Learning Outcomes: Practical Strategies For Implementation"** on dated 29 Feb 2024.
- Published a patent on a machine Learning approach to **"Predicting Student Satisfaction In Emergency Remote Education"** under the Ministry of commerce and industry (Govt. of India) on dated 1 March 2024.
- Published a patent on **"Smart Device For Network Intrusion Detection"** on dated 05 March 2024.

Dr. Pramod Kumar Sagar

- Question Paper Setter in IGNOU University for Term-end examinations in June-2024 for the course MCSE-004 (Numerical and Statistical Computing), for MCA Program.

Dr. Gaganjot Kaur

- **Award for contribution** to an **Education Community** by **Global Empire Events and Ek Nari – 100 pe Bhari platform**. Ek Nari – 100 pe Bhari is a development advocacy platform that brings in the stories of Women to uplift & recognize them for the hard work they put in tirelessly and selflessly day in & day out.
- Published a patent on **"AI-Based Remote Patient Monitoring System"** on dated 07 March 2024.

Ms. Dipti Goel

- Published a paper titled **"A Comprehensive analysis of 5G Communication and Its Health Care Management Models"** in Proceedings of the **2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).

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Mr.Birendra Kr. Saraswat

- **Session Chair** in the **2nd IEEE International Conference on Disruptive Technologies (ICDT-2024)**, organized by Department of CSE, **GL Bajaj Institute of Technology and Management**, Greater Noida.
- Published a patent on **"Machine Learning And Artificial Intelligence Based Device – Vaachak For Specially Abled People"** on dated 12 April 2024.
- Published a patent on **"Accidents Control System"** on dated 12 April 2024.
- Published a Book Titled **"Machine Learning & Internet on Things for Cyber Security"** under the publisher **"White Science Innovation United Kingdom"** on Jan 2024.
- Published a Book Titled **"Introduction to Big data and IoT"** under the publisher Chendur Publishing House, Chennai on May 2024.
- **Session Chair** in the **2nd World Innovation Patent Conclave** at Apeejay School of Management, Dwarka New Delhi on 5th April 2024.
- Receive **Best Paper Award** in **International Conference** organized by **D Y Patil University Navi Mumbai** on dated June 28-29, 2024.
- Published a paper titled **"Evaluating Multi-Platform IoT Solution for Agricultural Monitoring"** in Proceedings of the 2nd **International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).
- Published a paper titled **"Using Markov Chains for Time Series Analysis of Wireless Sensor Networks" in Proceedings of the 2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).
- • Published a paper titled **"Deep Learning-Based Self-Supervised Transfer Learning for Medical Image Classification"** in Proceedings of the **2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).
- • Published a paper titled **"The Smart Sustainable Development of Automation Mobility in Industry 4.0 using IoT based Sensor Networks"** in Proceedings of the **2nd International Conference on Disruptive Technologies (ICDT-2024)**, March 2024, IEEE (SCOPUS INDEXED).

- Published a patent on **"AI Based wireless electricity consumption monitoring & Saving Device"** on dated 03 April 2024.

Mr. Rahul Sharma

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FACULTY CORNER

In the morning calm and still,
With dreams and hopes to fill,
I step into my cherished space,
To guide with love and grace.
Each face a canvas bright,
Each mind a spark of light,
With patience, care, and heart,
I help their journeys start.
Through struggles, big and small,
I catch them when they fall,
For every step they take,
A brighter world they make.
Pride swells with every gain,
In joy, in tears, in pain,
For more than just a guide,
I shape with love and pride.

~CHHAYA YADAV

A nation with large piece of land,
Cannot be strong and grand
Unless it has leaders with good motives,
Citizens very hard working and patriotic
No one there will then work for self
Thousand hands will raise for one's help
Without and fear and hesitation
To serve their country with full motivation
Society there will be clean and just
Love will prevail all around without any lust
People will have no perturbation
And life will be full of joy and recreation
Several evils will be put on hold
Terrorism and Communal-ism will get resolved
Demands of people will not be erratic
If citizens are all patriotic

~DIPTI GOEL

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STUDENT CORNER

Listen up and you will hear,
Why I am called an Engineer
I solve,I build ,I invent,
I'd saymy time is very well spent.
Want a bridge? I'll design it for you.
Want a new kind of wheel? I'll develop that, too.
I use computers. I use my brain.
I think and test till the answer is plain.
Want a robot, a rocket, an electronic device?
I'll take the assignment. I won't think twice.
I'll make running shoes that will send you soaring!
I'll develop a device that will keep you from snoring!
My life is all about invention.
Making the world work better is my intention.

~NITIN KUMAR

Don't confuse Excellence with Perfection,
Excellence we can reach for,
Perfection is God's Business.

~CHARU SARSWAT

Dreams are the seedlings to reality.
First Step is to imagine and next is to make
it reality.

~AYUSH DEEP

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STUDENT ACHIEVEMENTS

Frontend Frenzy,The Front-end Competition organized by the Department of Information Technology at RKGIT.

Team of **Ayush Deep** and **Divyanshu Gautam** secured **2nd** Position whereas the team of **Nadeem** and **Chhavi** secured the **1st** position in the event.

- **Charu Sarswat** of Btech CSE 2nd year Published a patent on **"Accidents Control System"** dated 12th April 2024.

- **Aditya Raj Pratap Singh** of BTech CSE 3rd year Secured **2nd** position in **"BinaryHacks 2.0"** a coding competition organized by Binary Club.

- **Aishwarya Vardhan Ashok** of BTech CSE 3rd year Secured **1st** position in **HDFC Badhte Kadam Scholarship**.

PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
1	ADDVERB TECHNOLOGIES	• RAHUL MAURYA	1	6.37
2	ADJECTI SOLUTIONS PVT LTD.	• ALMAAZ AHMED	1	4
3	AJATH INFOTECH	• ABHISHEK SHARMA • SHIVAM RATHORE • SHOURYA RAI	3	3
4	AMAZON	• SURYANSH SINGH	1	3.5
5	APMOSYS	• CHITRANSH JOHRI • HARSH KESHWANI	2	4
6	BINARY SEMANTICS LIMITED	• HARSH KESHWANI	1	3
7	COMMVAULT	• SHUBHAM KUMAR	1	34
8	CONTAQUETM	• AKSHAY GILL	1	4.5
9	CREDEX TECHNOLOGY	• RAVI KUMAR • SURAJ KUMAR YADAV	2	5
10	DATA NOVA	• HARSH VARDHAN SINGH • KAUSHKI GUPTA • PRIYESH SRIVASTAVA • SALONI GROVER • SHANTANU YADAV • SHIVAM RATHORE • SHUBHAM PANDEY • YASH BADONIYA • YASH KUMAR BANSAL	9	3.6
11	DELTA6LABS	• ABHISHEK SHARMA	1	2.5
12	DEVIT SERV.	• ANANYA BARANWAL	1	6

S NO.	COMAPANY NAME	NAME	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
13	EVTL INDIA	• ABHISHEK KUMAR PATEL	1	1.86
14	GREAT DEVELOPERS INFO TECH	• JATIN KUMAR YADAV • SHREYASHI CHANDRA	2	2.4
15	I2V SYSTEM PVT.LTD.	• HARSH	1	3
16	INDIAN MARKET VIEW	• SUMIT PRATAP MALL	1	2.4
17	INEVITABLE GROUP	• RAHUL MAURYA	1	2.4
18	INNOBIT SYSTEMS	• AYUSH SHARMA	1	4.2
19	JTEKT ELECTRONIC INDIA(KOYO ELECTRONICS)	• PARTH JAISWAL	1	3.5
20	KPMG	• ANANAYA LAL • ANTRA SONI • DHRUV RUHELA • RINI GUPTA • SHARVYA VASHISTHA • SURYANSH KAPIL	1	3
21	LEEWAYHERTZ	• KANIKA TYAGI	1	3
22	MOTHERSON TECHNOLOGY SERVICES	• ALMAAZ AHMED • HARSHITA SINGH • KANIKA TYAGI • MADHAV SINGH • PRAGYA SINGH • PRAVAL KUMAR MISHRA • RAJIV KUMAR • SAUMYA AGRAWAL • SHUBHAM BALODHI • TANOOSHRI	10	3.5
23	NEC CORPORATION	• ALMAAZ AHMED • YUGAL CHAUDHARY • RAHUL MAURYA	1	4
24	NEXTGEN GLOBAL SERVICES	• ROHAN PATHAK	1	3

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
25	NUCLEUS SOFTWARE	• DHRUV RUHELA • SHREYA SRIVASTAVA • YUGAL CHAUDHARY	3	4.33
26	OGRELOGIC SOLUTIONS	• SUMIT PRATAP MALL • RAVI KUMAR THAKUR	2	2.5
27	PROASCEND CONSULTING	• ANIKET SHARMA	1	2.76
28	Q1 TECHNOLOGIES	• ANSH BENIWAL • AKSHITA RAJ • RIYA JAISWAL	3	4.44
29	QUALITYKIOSK TECHNOLOGIES	• ANSH MISHRA	1	2.5
30	QUANTUM PAGES	• SHIVAM PANDEY	1	1.8
31	REALTY ASSISTANT	• AJEET SINGH • HARSH KESHWANI • PANKAJ	2	5.12
32	RNF TECHNOLOGIES	• KARAN RUDOLA • KANIKA SHARMA	2	3
33	SEVTRONICAL TECHNOLOGIES	• ANSH MISHRA	1	3
34	TEAM COMPUTERS	• ARTI	1	3.8
35	TO THE NEW	• ABHISHEK SHUKLA • NANDINI SHARMA	2	4.5
36	VELOCITY SOFTWARE SOLUTIONS	• ALMAAZ AHMED	1	4.8

Highest Package – 34 LPA	Average–4.01 LPA

EXPERT TALK ON CYBER SECURITY

"Future Challenges and Threats in Cyber Security with AI and legal perspectives"

By Dr. Anup Girdhar

Department of Computer Science & Engineering in association with Computer Society of India (CSI) has organized an **Expert Talk** by **Dr. Anup Girdhar**, The CEO & Founder of Sedulity Solutions & Technologies, New Delhi on the topic "**Future Challenges and Threats in Cyber Security with AI and legal perspectives**" on dated 03.05.2024.

"Exploring the Future: Bridging AI with Healthcare & Digital Metrology"

By Dr. Paramita Guha

Dr. Paramita Guha, esteemed Senior Scientist, sheds light on cutting-edge advancements and their impact on patient care at the RKGIT seminar hall. Hosted by the CSSS Society, this enlightening session explores the intersection of technology and medicine.

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Department of CSE organized an expert talk on **20th March,2024** at 10:30 am in seminar hall D-block on "**Quantum Computing**" and the resource person was "Dr. Ompal, Professor at Delhi University". The talk was attended by students of CSE.

"RAMIFICATION OF BLOCK CHAIN AND EMERGING TECHNOLOGIES FOR SECURE ADVANCED APPLICATIONS"

On **19th April 2024**, Binary Club from CSE department organized an expert talk on "**Ramification of Block Chain and Emerging Technologies for Secure Advanced Applications**" from 3:00 pm-4:00 pm in seminar hall-D block.

Our resource person shared his knowledge on Block chain, IOT Technologies, through which students had gained new knowledge about exploring more in these fields and bring new innovations.

"Webinar on Full Stack and Software Testing"

The webinar on "**Full Stack and Software Testing**" was conducted on **February 29, 2024,** from 7:00 PM to 9:00 PM. The event aimed to provide participants with insights into Full Stack Development and Software Testing strategies, delivered by industry expert **Ms. Pooja**, a seasoned Full Stack Developer.

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Code Warriors Unite:
Recap of Binary Hacks 2.0!"

A 33-hour coding marathon at CRC Hall, RKGIT, fueled by creativity and caffeine! Special insights from **Mr. Rohit Negi**, founder of Coder Army, encouraged the students at a guest lecture.

The event commenced with an inspiring guest talk by YouTuber **Mr. Rohit Negi** (Ex-SDE at Uber, Founder of coder army) on the first day, setting the tone for two days filled with innovation and collaboration. Following Mr. Negi's enlightening session, the hackathon unfolded, engaging more than **150 participants (32 teams)** from various branches in an intense display of talent and creativity.

For this event **Mr. Rohit Negi** (a famous youtuber) and **Mr. Nitin Nagar** (Alumni of RKGIT) was invited to motivate and judge the performance of participants.

INFOSYS SPRINGBOARD PROGRAM

## "WORKSHOP IN ASSOCIATION WITH INFOSYS SPRINGBOARD"

BYTES

Department of CSE in association with Infosys Ltd. organized a workshop on **"Infosys Springboard"** for the students of B.Tech 3rd year in seminar hall D-block on 11th March, 2024. The resource person of the workshop was **Mr. Nitin Jain** - Senior Analyst - Learning at Infosys Ltd.

The primary objective of this workshop was to provide our students the awareness of the Infosys springboard platform, how to primarily use the platform, letting the students know about the benefit of the platform. Mr. Nitin Jain helped all the students to onboard on the platform.

THINKTANK TRIVIA

Department of CSE in association with IEEE @RKGIT organized **"Thinktank Trivia : A Quiz Competition"** on **08th April, 2024.** Congratulations to all the Winners.

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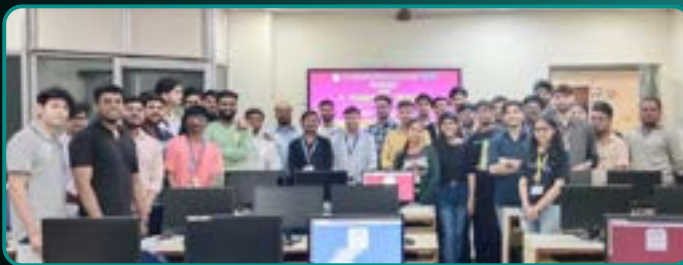
AICTE-SANKALP

Department of CSE in association with **All India Council of Technical Education (AICTE)** and **C-DAC** has organized an awareness workshop on **"High Performance Computing",** under **"AICTE-SANKALP"** scheme on **4th June 2024** by **Dr. Seema Malik**, C-DAC Certified Master Trainer.

GUEST LECTURE ON NETWORKING AND ANDROID APPLICATION

The Department of Computer Science and Engineering successfully organized a guest lecture on **"Networking and Android Application"** on **13th May 2024.** The session was graced by the presence of **Mr. Santu Purkait**, the esteemed Director of Netcamp Solutions Private Limited. Mr. Purkait, a renowned expert in the field, brought a wealth of knowledge and experience to the event.

Mr. Purkait explained the fundamentals of network management, emphasizing its critical role in ensuring the efficiency and security of computer networks.

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FDP Done by Faculties

S.No.	Faculty Name	Title of FDP
1.	Dr. Amit Singhal	• Role of Green Energy Towards Sustainable Smart Cities • Four Weeks FDP on Technical Entrepreneurship Development Programme
2.	Dr Khel Prakash Jayant	• AI/ML and Data Science for Industry 4.0 • Federated Machine Learning • ChatGPT and Prompt Engineering • Blockchain Technology • Cloud Computing: A Hands on Approach with AWS Cloud • Deep Learning and Artificial Intelligence • Confluence of Deep Learning, Generative AI and Data Science
3.	Dr Pawan Kumar Goel	• Contemporary and Innovative Teaching Pedagogy and Essential Skills for Educators • AI/ML and Data Science for Industry 4.0 • AI for building Speech and Vision Applications using Python • NAAC and Internal Quality Assurance • 2 Weeks FDP on Induction Training • Federated Machine Learning (Healthcare, Cloud Computing and IoT) • Building Advanced data Analytics with Cloud under Next Gen Employability Program • Chat GPT & Prompt Engineering • 3 -Days Introductory FDP on Universal Human Values • ATAL Academy Faculty Development Program on Deep Learning for Visual Computing • Blockchain Technology • Cloud Computing: A Hands on Approach with AWS Cloud
4.	Dr. Gaganjot Kaur	• 10 Hours National Faculty Development Program on Deep Learning and Artificial Intelligence • International FDP on Advancements in Medical Imaging through Machine Learning and Deep Learning: Techniques, Applications and Challenges • Confluence of Deep Learning, Generative AI and Data Science • AI for Educators • 4th One-Week International Workshop on Technical Writing using LaTeX (Online) • Recruitment Trends in Emerging Technologies – Future & Beyond

S. No.	Faculty Name	Title of FDP
5.	Monika Agarwal	• 5 days Face to face UHV-II FDP Federated Machine Learning
6.	Mr Ramveer Singh	• Unleashing Emerging Research Trends and Advancements in Computer Science • AI for building Speech and Vision Applications using Python • Data Visualization Using Tableau • Deep Learning and Artificial Intelligence • Business Analytics • Blockchain Technology • ChatGPT and Prompt Engineering
7.	Mr. Birendra Kr. Saraswat	• NAAC and Internal Quality Assurance • Healthcare Data Analysis Using Python and R Language • Federated Machine Learning (Healthcare, Cloud Computing and IoT)
8.	Mr. Lakshay Singh Mahur	• Deep Learning and Artificial Intelligence
9.	Mr. Ram Kr. Sharma	• Google Cloud Computing Foundations • Advanced Technologies in artificial intelligence & Data Analytics
10.	Mr.Rahul Sharma	• Building Advanced data Analytics with Cloud under Next Gen Employability Program • Blockchain Technology • Emerging techniques in AI, Data Science and Cyber security (ETADS – 2024)
11.	Mr.Sakil Ahmad Ansari	• AI/ML and Data Science for Industry 4.0 • Federated Machine Learning
12.	Ms Dipti Goel	• 3 -Days Introductory FDP on Univeral Human Values • AI/ML and Data Science for Industry 4.0
13.	Ms Vertika agarwal	• Deep learning • Federated Machine Learning • Blockchain Technology • Deep learning for visual computing • AWS Cloud

S. No.	Faculty Name	Title of FDP
14.	Ms. Ayushi Tyagi	• AI/ML and Data Science for Industry 4.0 • Chat GPT & Prompt Engineering • Blockchain Technology • Inculcating Universal Human Values in Technical Education • Deep Learning and Artificial Intelligence
15.	Ms. Chanchal Jayant	• AI/ML and Data Science for Industry 4.0 • AI for Educators • Generative Artificial Intelligence and Machine Learning • Full Stack and Software Testing • Blockchain Technology • Deep Learning and Artificial Intelligence • Business Analytics • Confluence of Deep Learning, Generative AI and Data Science • Planning, Execution and Evaluation of project work
16.	Ms. Geetanjali	• AI for Building Speech and Vision Applications Using Python
17.	Ms. Isha Gupta	• Chat GPT & Prompt Engineering • Blockchain Technology • Building Advanced data Analytics with Cloud under Next Gen Employability Program • Wireless Networks • AI/ML and Data Science for Industry 4.0 (Basic Level) • Full Stack and Software Testing
18.	Ms. Rinki Tyagi	• Personal and Professional Management • Full Stack and Software Testing
19.	Ms. Samridhi Gulati	• AI/ML and Data Science for Industry 4.0 • Chat GPT & Prompt Engineering • Blockchain Technology • Deep Learning and Artificial Intelligence
20.	Ms. Sarita Singh	• AI for Building Speech and Vision Applications Using Python • Blockchain Technology

S. No.	Faculty Name	Title of FDP
21.	Mr. Vineet Shrivastava	• ChatGPT and Prompt Engineering • Building Advanced data Analytics with Cloud under Next Gen Employability Program • AI for Building Speech and Vision Applications Using Python • Python for Data Science • ExcelR Edtech Private Ltd
22.	Ms. Chhaya Sharma	• ChatGPT and Prompt Engineering • Deep Learning and Artificial Intelligence • Building Advanced data Analytics with Cloud under Next Gen Employability Program • AI for Building Speech and Vision Applications Using Python
23.	Palak Masson	• Inculcating UHV in Technical Education • Confluence of Deep Learning, Generative AI and Data Science
24.	Pawan Pandey	• Artificial Intelligence Machine Learning & Deep Learning • Confluence of Deep Learning, Generative AI and Data Science
25.	Dr. Pramod Kumar Sagar	• AI/ML and Data Science for Industry 4.0 • ChatGPT and Prompt Engineering • Blockchain Technology • Cloud Computing: A Hands on Approach with AWS Cloud • Deep Learning and Artificial Intelligence • Research Papers, IPR, and Project Proposal Writing • AI for Educators • Programming with Java Script • AI Tools • Federated Machine Learning • Fundamentals of Full Stack Development • Big Data Technologies • New Trends in Cloud computing
26.	Ms.Shalini Verma	• Federated Machine Learning (Healthcare, Cloud Computing and IoT) • Confluence of Deep Learning, Generative AI and Data Science • Blockchain Technology

S. No.	Faculty Name	Title of FDP
27.	Ms.Nikita	• ATAL Academy Faculty Development Program on Deep Learning for Visual Computing
28.	Dr. Devesh Garg	• Frontiers In Multidisciplinary Research • Future Trends and advance in engineering Technologies • Recent Trends of Research in Management, IT , communication in cutting edge technology

MOOCs/NPTEL/Coursera Courses -

S.No.	Faculty Name	MOOCs/NPTEL/Coursera	Course Name	Dated
1.	Dr. Pawan Kumar Goel	Coursera	Programming in Python	Jan-Feb,2024
2.	Mr. Ram Kumar Sharma	NPTEL	Google Cloud Computing Foundations	Jan-Mar,2024
3.	Mr. Mandeep Singh	NPTEL	Computer Network and Internet Protocol	Jan-April,2024
4.	Mr. Ramveer Singh	NPTEL	Computer Network and Internet Protocol	Jan-April,2024
5.	Dr. Khel Prakash Jayant	NPTEL	Programming, Data Structures and Algorithms using Python	Jan-Mar,2024
6.	Mr. Vineet Shrivastava	NPTEL	Python for Data Science	Jan-Feb,2024
7.	Ms. Rinki Tyagi	COURSERA	• Basic Game Development • Introduction to Microsoft Excel	Jan,2024

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INDUSTRIAL VISITS

NATIONAL PHYSICAL LABORATORY

Dr. KS Krishnan Marg, Pusa, New Delhi

The Computer Science and Engineering Department has organized an industrial visit at **CSIR - National Physical Laboratory**, New Delhi on **25-01-2024**.

HCL TECHNOLOGIES Ltd.

Technology Hub, SEZ, Plot No. 3A, Sector 126 Noida – 201304

The Computer Science and Engineering Department has successfully organized a one-day industrial visit at **HCL Technologies Ltd.**, Technology Hub, SEZ, Plot No. 3A, Sector 126 Noida – 201304 on **2nd June 2024 (Sunday)**. A total of 70 students of B.Tech CSE 2nd year along with faculty members- **Mr. Sanjay Srivastava, Mr. Rahul Sharma, Mr. Ramveer Singh, Ms. Shalini Verma, Ms. Kanika Garg, and Mr. Lakshya Mahur** visited the organization. The whole event was coordinated by **Dr. K.P. Jayant** under the able guidance of **Dr. Amit Singhal**, HOD-CSE.

CENTRAL ROAD RESEARCH INSTITUTE

Mathura Road, New Delhi

The Computer Science and Engineering Department has successfully organized an industrial visit on 23-01-2024 at **CSIR-CRRI**, New Delhi. During the visit, **Dr. Vinod Karat** (Chief Scientist- CRRI) and **Mr. Subodh Kumar** (Senior Principal Scientist- CRRI) delivered Expert Talk and showed their research laboratories to the students.

# BLOGIC SOFTWARE TECHNOLOGY PRIVATE LIMITED

Sector-62, Noida

The Department of Computer Science and Engineering has successfully organized two days industrial visit at '**Blogic Software Technology Private Limited**', Sector-62, Noida on **30th & 31st January, 2024**.

B.Tech CSE 2nd year students along with faculty members- Ms. Kumud Alok, Mr. Lakshya Mahur, Ms. Monika Agarwal and Mr. Sakil Ahamad have visited the organization.
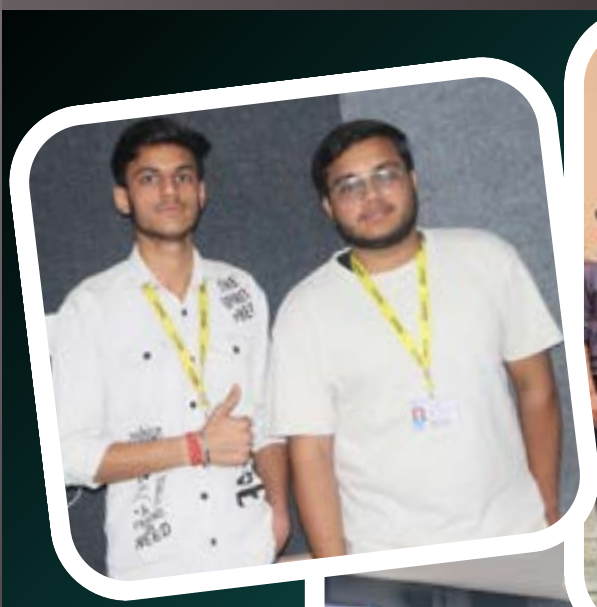
बाइनरीहैक्स 2.0 हैकाथॉन का आयोजन

सोशल मीडिया टाइम्स

गाजियाबाद। आरकेजीआईटी - सीएसई डिपार्टमेंट के कोडिंग क्लब ने सभी छात्रों के लिए 33 घंटे का दो दिवसीय हैकाथॉन - बाइनरीहैक्स 2.0 आयोजित किया। इसका उद्घाटन रोहित नेगी (कोडर आर्मी के संस्थापक, प्रसिद्ध यूट्यूबर, उबेर के पूर्व सॉफ्टवेयर डेवलपमेंट इंजीनियर) द्वारा किया गया।

रोहित नेगी ने छात्रों को करियर पथ चुनने में मार्गदर्शन किया और उन्हें उबेर तक की अपनी यात्रा के बारे में बताया। एक प्रतिष्ठित संस्थान जैसे इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी, गुवाहाटी के पूर्व छात्र ने सफल करियर बनाने और अपनी महत्वाकांक्षाओं को प्राप्त करने के लिए आवश्यक अनुशासन को बनाए रखने के लिए अमूल्य अनुभव साझा किया। यह एक इंट्रा-कॉलेज हैकाथॉन

था जिसमें छात्रों ने अपने कोडिंग के कौशल को प्रस्तुत किया। इस कार्यक्रम की मदद से छात्र समस्याओं को हल करने के लिए नए-नए नजरिये विकसित करने और निर्णय लेने के लिए एक टीम में एक प्रोजेक्ट तैयार करने में सक्षम हो पाए। इस आयोजन में प्रथम वर्ष के भी विद्यार्थियों ने भी बढ़

चढ़ कर हिस्सा लिया। प्रतियोगिता में टीम सैलकम ने प्रथम स्थान प्राप्त किया। टीम डेवलपर्स आई एन जी फर्स्ट रनरअप रहे और टीम ब्लॉकहेड (प्रथम वर्ष की टीम) सेकंड रनरअप रहे। इस प्रोग्राम का आयोजन डॉ अमित सिंघल, हेड सीएसई डिपार्टमेंट के संरक्षण में किया गया।

इस प्रोग्राम के फैकल्टी कोऑर्डिनेटर विनीत श्रीवास्तव और मंदीप सिंह तथा स्टूडेंट कोऑर्डिनेटर अर्चना ठाकुर व अन्य सदस्य रहे। कॉलेज के वाइस चेयरमैन अक्षत गोयल, चीफ एडवाइजर डॉ लक्ष्मण प्रसाद, एग्जीक्यूटिव डायरेक्टर डॉ डी के चौहान, डायरेक्टर डॉ. बी. सी. शर्मा,

डीन एकेडमिक्स डॉ आर के यादव, डीन स्टूडेंट वेलफेयर एन जी गर्ग ने इस के बाइनरी हैक्स हैकाथॉन आयोजन के लिए सभी को धन्यवाद दिया। कार्यक्रम के दौरान छात्रों का मार्गदर्शन करने के लिए कॉलेज अलुमनाई - नितिन, आशीष, भरत, ध्रुव, शुभम भी मौजूद रहे।

आरकेजीआईटी में टेक एक्सपो का आयोजन

एनबीटी न्यूज, गाजियाबाद। आरकेजीआईटी में बुधवार को टेक एक्सपो का आयोजन किया गया। इसमें विभिन्न राज्यों के 50 स्कूलों की 135 टीमों ने हिस्सा लिया। एक्सपो का उद्घाटन मुख्य अतिथि डॉ. पीके सेठ व विशिष्ट अतिथि प्रीतम धल्ला ने किया। प्रतियोगियों ने साइबर सिक्योरिटी, रोबोटिक्स, मेडिकल केयर एप्लीकेशंस, ड्रोन आदि पर मॉडल प्रदर्शित किए। प्रथम पुरस्कार गवर्नमेंट गर्ल्स इंटर कॉलेज विजयनगर, द्वितीय पुरस्कार लीलावती रामगोपाल सरस्वती विद्या मंदिर व तृतीय पुरस्कार छाया पब्लिक स्कूल मोदीनगर को दिए गया। वाइस चेयरमैन अक्षत गोयल, एडवाइजर डॉ. लक्ष्मण प्रसाद, एग्जीक्यूटिव डायरेक्टर डॉ. डीके चौहान व डायरेक्टर डॉ. बीसी शर्मा ने प्रथम, द्वितीय व तृतीय स्थान पर आई टीमों को 30, 15 व 10 हजार रुपये का पुरस्कार, ट्रॉफी व सर्टिफिकेट दिया।

आरकेजीआईटी में दो दिवसीय तृतीय अंतरराष्ट्रीय संगोष्ठी का हुआ समापन

● अर्मी ऑफ सर्विस

गाजियाबाद। आरकेजीआईटी में आईईईई द्वारा प्रायोजित दो दिवसीय "एडवांसमेंट इन इलेक्ट्रॉनिक कम्युनिकेशन" विषय पर तृतीय अंतरराष्ट्रीय संगोष्ठी का आयोजन 23-24 नवंबर को किया गया। 24 नवंबर को कार्यक्रम के मुख्य वक्ता नेताजी सुभाष प्रौद्योगिकी विश्वविद्यालय, दिल्ली के प्रोफेसर राजवीर सिंह चतुर्वेदी ने स्मार्ट शहरों के निर्बाध अनुश्रवण को सुनिश्चित करने के लिए सर्वव्यापी और लंबे समय तक चलने वाली ऊर्जा के साथ तैयार इंटरनेट ऑफ थिंग्स (आईओटी) नोडस को कैसे डिजाइन किया जाए और कैसे इसमें आईओटी उपकरणों और पावरलेस सोलर सेंसर के साथ स्मार्ट

सिटी के ऑटोमेशन में उपयोग किया जाए, के बारे में सोशियोलॉजी को सोच करने के लिए प्रेरित किया। इस संगोष्ठी में आईईईई उत्तर प्रदेश सेक्शन के पदाधिकारी डॉ राजीव कुमार सिंह (आई आई टी बी एच यू), डॉ प्रभाकर तिवारी (एमएमएमटीयू, गोरखपुर), डॉ जयसिंह ने भी अपने विचार प्रस्तुत किए।

इस दो दिवसीय संगोष्ठी में शोधकर्ताओं ने 23-24 नवंबर को शोध पत्रों को प्रस्तुत किया गया, जिनका प्रकाशन आईईईई एक्सप्लोर में किया जाएगा। संगोष्ठी के समापन कार्यक्रम में कौशल जनक पाटील, अनुभव कुमार और मोंगाबे दुर्गे,

धरमगुरु पी, सौरभ कुमार, पू. वी के कृष्णादेवी को श्रेष्ठ शोध पत्र के लिए सम्मानित किया गया। इस संगोष्ठी में संस्थान के चीफ एडवाइजर डॉ लक्ष्मण प्रसाद, एग्जीक्यूटिव डायरेक्टर डॉ के चौहान, डायरेक्टर डॉ बी के शर्मा उपस्थित रहे। टीम आई आई डॉ पूनेन चंद श्रीवास्तव ने सभी सम्मानित अतिथियों का धन्यवाद किया। संगोष्ठी के सफल आयोजन के लिए संस्थान के वाइस चेयरमैन अक्षत गोयल ने संयोजक डॉ आर के यादव एवं डॉ अमित सिंघल तथा विभाग के सभी सदस्यों को बहुत शुभकामनाएं दीं। इस आयोजन के आयोजक सचिव पूनम लाल एवं रिचा गुप्ता के साथ साथ विनीत श्रीवास्तव, मनदीप सिंह, अनुज कुमार आदि ने भी महत्वपूर्ण भूमिका निभाई।

आरकेजीआईटी में शीतकालीन तकनीकी कैंप का आयोजन

अन्य भूमि न्यूज

गाजियाबाद। मेरठ रोड स्थित राज कुमार गोयल इंस्टीट्यूट ऑफ टेक्नोलॉजी आरकेजीआईटी की मैनेजमेंट विभाग द्वारा करीब द्वितीय वर्ष के छात्रों के लिए 21 दिसंबर शीतकालीन तकनीकी कैंप का आयोजन 14 दिसंबर से 2 जनवरी तक किया गया। इस कैंप में करने के लिए एनालॉग्स, पुरस्कार व एंड्राइड ऐप, वेरिफाइबल कोड छात्रों को सिखाया गया। डी इस तकनीकी

कैंप में सॉफ्वेयर, आईओटी, डाटा साइंस एवं राजस्थानिक विभाग के छात्रों ने हिस्सा लिया। इस कैंप का आयोजन डॉ अमित सिंघल, हेड सीएसई विभाग के संरक्षण व सहयोग से छात्रों को सॉफ्वेयर सिखाया गया। कार्यक्रम के कोऑर्डिनेटर डॉ की सभी कार्य व रुचि सामग्री की जानकारी को सीखने के लिए प्रेरित किया, जिससे आगामी वर्षों में छात्रों को नए सॉफ्वेयर तकनीक और रोजगार के सभी

विषय पर रोजगार में हुए वातावरण के तकनीकी कैंप के आयोजन हेतु आयोजकों ने अपना समर्थन दिया। कार्यक्रम में डॉ अमित सिंघल, हेड सीएसई विभाग के संरक्षण व सहयोग से छात्रों ने भी एक ज विभाग के सॉफ्वेयर सीखने में बढ़ अवगत किया। कॉलेज के वाइस चेयरमैन अक्षत गोयल, चीफ एडवाइजर डॉ लक्ष्मण प्रसाद, एवं एग्जीक्यूटिव डायरेक्टर डॉ की चौहान ने इस आयोजन के लिए सभी को धन्यवाद दिया।

आरकेजीआईटी में टेक एक्सपो के विजेताओं को पुरस्कार

गाजियाबाद (वि)। आरकेजीआईटी में बुधवार को टेक एक्सपो 3.0 का आयोजन किया गया। एक्सपो में 11वीं एवं 12वीं के विभिन्न राज्यों के 50 स्कूलों से तकरीबन 135 टीमों ने प्रतियोगिताओं में हिस्सा लिया। प्रतियोगिता में गवर्नमेंट गर्ल्स इंटर कॉलेज विजय नगर की टीम ने प्रथम, लीलावती रामगोपाल सरस्वती विद्या मंदिर ने द्वितीय और छाया पब्लिक स्कूल मोदीनगर ने तृतीय पुरस्कार जीता। विजेताओं को संस्थान के वाइस चेयरमैन अक्षत गोयल, एडवाइजर डॉ. लक्ष्मण प्रसाद, एग्जीक्यूटिव डायरेक्टर डॉ. डीके चौहान एवं डायरेक्टर डॉ. बीसी शर्मा ने विजेताओं को पुरस्कार राशि बांटी। यह कार्यक्रम ऑनलाइन एवं ऑफलाइन माध्यम से किया गया। कार्यक्रम का शुभारंभ मुख्य अतिथि डॉ. पीके सेठ (एडवोकेट) एवं विशिष्ट अतिथि प्रीतम धल्ला ने दीप प्रज्वलित कर किया। प्रतिभागियों ने साइबर सिक्योरिटी, रोबोटिक्स, मेडिकल केयर एप्लीकेशंस, ड्रोन आदि पर मॉडलों को प्रदर्शित किया।

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