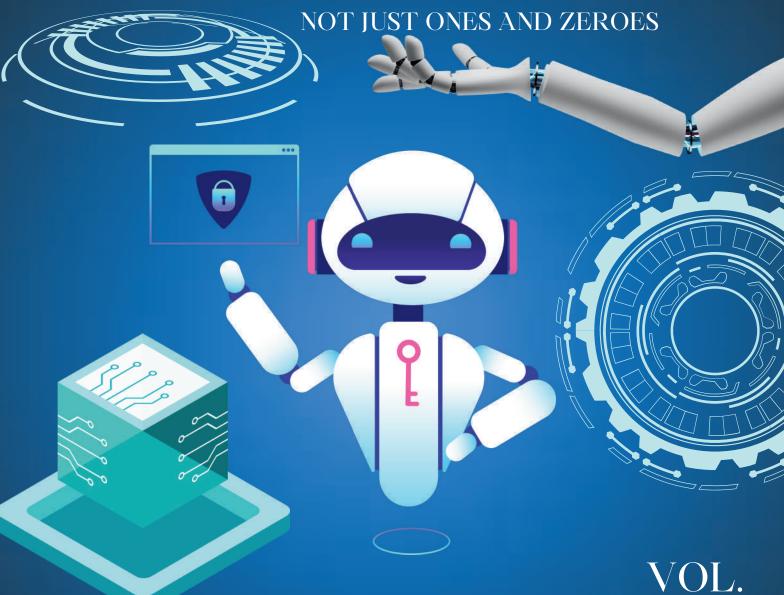




BYTES



PUBLISHED BY- BYTES EDITORIAL BOARD

← JULY-DECEMBER 2024 →

CONTENT

- HOD MESSAGE
- TECH NEWS
- ACHIEVEMENTS
 - FACULTY
 - STUDENT
- **✓ PLACEMENT DATA**
- **EVENTS**
 - GUEST LECTURES
 - EXPERT TALKS
 - WORKSHOPS
 - WEBINARS
 - MAJOR EVENTS
- **✓ INDUSTRIAL VISIT**

FACULTY EDITORIAL BOARD

MS. CHHAYA YADAV

STUDENT EDITORIAL BOARD

RAMAN MAURYA

NITIN KUMAR

AYUSH DEEP

DIVYANSHU GAUTAM

CHARU SARSWAT

3rd YEAR CSE

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 lead in the field of computer science and engineering by fostering a culture of excellence, creativity, and ethical values. We aim to produce graduates equipped with cutting-edge knowledge and innovative thinking, poised to address global challenges in technology through research, education, and practical applications.

Mission

- 1. To cultivate a dynamic learning environment using cutting-edge resources to inspire and educate motivated, knowledgeable, and value-driven professionals in computer science and engineering.
- 2. To collaborate with industry, professionals, academic institutions, and society, promoting the exchange of knowledge, advancing academic processes, and enabling impactful research and technological solutions.
- 3. To foster a culture of innovation, entrepreneurship, leadership, and social responsibility, preparing students to address real-world challenges and contribute to the betterment of society.



DALL-E2

DALL·E 2 is an advanced Al model developed by OpenAl that generates high-quality, realistic images from textual descriptions. It excels in creating diverse visuals, from photorealistic images to artistic illustrations, based on user input.



The model also supports editing existing images through inpainting, allowing seamless modifications by following text prompts. Its applications span various fields, including marketing, design, education, and creative industries, enabling rapid prototyping and unique visual content generation. With built-in safeguards to prevent misuse, DALL-E 2 represents a cutting-edge tool for innovation and creativity while ensuring ethical usage.

TESTERS.AI

Testers.ai is an automated software testing tool that leverages artificial intelligence to detect, review, and fix software issues across various devices and platforms.

By automating repetitive tests, Testers.ai frees up your team to focus on more creative tasks and continuous improvement goals. This can lead to faster development cycles and higher-quality software releases. We can reuse tests across platforms and devices, test at scale, and get your test results in a visual report for easier interpretation.



Faculty Achievement



Dr. Amit Singhal
HOD-CSE

Research Papers Published in SCI/Scopus Indexed Journals:

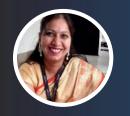
- "Enhancing Cloud Performance with AI-Driven Load Balancing and Optimization Algorithms" at 4th International Conference on Advancement in Electronics and Communication Engineering (AECE 2024) on 22nd Nov 2024.
- "Cryptojacking on the Blockchain: Detecting and Mitigating Hidden Threats" at 4th International Conference on Advancement in Electronics and Communication Engineering (AECE 2024) on 22nd Nov 2024.
- Published a paper titled "Explainable Artificial Intelligence (XAI)
 Model for Cancer Image Classification" in CMES-Computer Modeling
 in Engineering & Sciences, ISSN: 1526-1506 on July 2024.
- Delivered an Invited talk as Keynote Speaker in 4th IEEE International Conference on "Power, Energy, Environment, and Intelligent Control" (PEEIC-2024 organized by G.L. Bajaj Institute of Technology & Management, Greater Noida on 25th Dec 2024.
- Served as a Session Chair in 1st IEEE International Conference on Emerging Technologies And Innovations For Sustainability International Noida Institute of Engineering and Technology, Greater Noida on 20th Dec 2024.
- One week International Faculty Development Program on "Recent Research Trends in Computer Science and Information Technology" organized by Department of Computer Science and Engineering, SSET, Sharda University, Greater Noida, India from 23/09/2024 to 27/09/2024.
- Acted as a reviewer in International Conference on Electrical, Electronics & Computing Technologies organized by Sharda University, Greater Noida on 29th -31st Aug 2024.
- One week offline Faculty Development Program on "National Education Policy 2020" sponsored by Dr. A. P. J. Abdul Kalam Technical University, Lucknow organized by ABES Institute of Technology, Ghaziabad from 24/08/2024 to 30/08/2024.
- Attended Five Days Faculty Development Program on "Preparing Students for Placements and Higher Studies" organized by NITTTR, Chandigarh from 05/08/2024 to 09/08/2024.



Dr. Khel Prakash Jayant

Research Paper Published in International Conferences:

- "Automated Disease Diagnosis using National Language Processing & Learning" at 4th International Conference on Advancement in Electronics and Communication Engineering on 22nd-23rd November 2024.
- "Comparative Analysis of CT-Scan Images for the prediction of Brain Stroke in Mid-lifers Using CNN Technique" at Artificial Intelligence and Networking (ICAIN-2024) on 24th – 25th September 2024.



Dr. Gaganjot Kaur

- Served as a Session Chair in 4th International Conference on Advancement in ECE (AECE-2024) dated on 22 November 2024.
- Recognized with the Research Excellence Awards 2024 Institute of Scholars, under Corporate Affairs, Govt. of INDIA 29 August 2024.
- Honored with the Academic Excellence Awards 2024 by Institute of Scholars, under Corporate Affairs, Govt. of INDIA dated on 29 August 2024.
- Published a patent on "Smart Home Energy Management System Using Machine Learning" on dated 20 July 2024.

Research Paper Published in International Journal:

- "A Novel Framework for Securing Healthcare Data with Blockchain: Machine Learning and NLP Approaches to Thyroid Cancer Detection and Hospital Business Management" at International Journal of Intelligent Systems And Applications In Engineering on 08 July 2024.
- "Enhancing Early Detection of Diabetic Retinopathy With Deep Learning And Explainable AI Integration" at Community practitioner: the journal of the Community Practitioners' & Health Visitors' Association on 07 July 2024.
- "IoT Advancements in Image Identification and Classification of Brain Tumors" at International Journal of Science, Mathematics and Technology Learning on 06 July 2024.

Research Paper Published in International Conferences:

- "An Integrated Approach used on Fuzzy Logic and Machine Learning Techniques for Reliable Wine Quality Prediction" at 4th International Conference on Evolutionary Computing and Mobile Sustainable Networks(ICECMSN 2024) on 28-11-2024.
- "Enhancing Crime Predictions with Graph Machine Learning: A Survey on Techniques for Inconsistent Data" at 4th International Conference on Advancement in ECE (AECE-2024) on 23 -11-2024.
- "A Dynamic Optimization Approach for Secure Blockchain Transactions in Smart Grid Applications" at International Conference on Data Mining and Information Security (ICDMIS 2024) held on 7th - 8th October 2024.

Book Chapter's Published @ IGI GLOBAL PUBLISHING HOUSE:

- AI Strategies for Enhancing Resilience and Adaptability in Social Enterprises for Economic Sustainability in Dec 2024.
- Cyber Security Challenges in Edge and Fog Within Cloud Ecosystems in Dec 2024.
- Data Symphony: The Role of Big data and AI in Sustainability in Dec 2024.
- Blockchain Technology for Enhancing Social Media Security and Privacy in Dec 2024.
- Securing E- Commerce Data in a Multi-Cloud Environment: Challenges and Solutions by Scopus Indexing in October 2024.
- Education Research and Industry 6.0 by Scopus Indexing in October 2024.
- Advanced Data Visualization Methods for Predictive Analytics in Business in Sep 2024.
- Ethical Considerations in Implementing Artificial Intelligence in Cyber Security: Balancing Security and Privacy Concerns by Scopus Indexing in September 2024.
- Privacy-preserving data storage and processing in the cloud by Scopus Indexing in September 2024.
- Tools-based value-added approaches and methodologies in student-centric learning by Scopus Indexing in September 2024.
- AI for Energy Efficiency and Conservation in August 2024.

Session Chair

- 1st IEEE International Conference on "Emerging Technologies and Innovations for Sustainability" at NIET Gr. Noida on 20th Dec 2024.
- Served as a Session Chair in 4th International Conference on Advancement in ECE (AECE-2024) dated on 22 November 2024.

Research Paper Published:

- "Enhancing Cloud Performance with AI-Driven Load Balancing and Optimization Algorithms" at 4th international conference on Advancement in electronics and communication Engineering on 22nd-23rd November 2024.
- "Cryptojacking on the Blockchain: Detecting and Mitigating Hidden Threats" at 4th international conference on Advancement in electronics and communication Engineering on 22nd-23rd November 2024.
- "Leveraging Transfer Learning for Robust Medical Image Segmentation" at 4th international conference on Advancement in electronics and communication Engineering on 22nd-23rd November 2024.
- "Design and implementation of a real-time health monitoring system using IoT sensors and machine learning algorithms" at 7th International Conference on Contemporary Computing and Informatics.
- "Social Media Integration with E-Commerce Using AI & Augmented Reality" at OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0 2024.
- "An Overview of Privacy-Preserving and Security Methods for Deep Learning" at International Conference on Innovations and Challenges in Emerging Technologies (ICICET).
- "Image compression using Auto-Encoders in Deep learning" at OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0 2024.
- Best Paper Award for his paper presentation "An Overview of Privacy-Preserving and Security Methods for Deep Learning" at the IEEE International Conference ICICET-2024, at International Conference on Innovations and Challenges in Emerging Technologies (ICICET).



Dr. Pawan Goel



Dr.Birendra Kr. Saraswat

- Awarded the "Best Doctoral Thesis Award" in International Conference and Award Ceremony at VNU Vietnam, Hanoi dated on 23 November 2024.
- Received the Innovative Research Excellence Award Confab 360 degree from Mahsa University Malaysia dated on 14 July 2024.

Published a Patent on:

- "Smart Home Energy Management System Using Machine Learning"
- "Blockchain based Medical Data Storing Device"

Session Chair in:

- 4th IEEE International Conference on "Power, Energy, Environment, and Intelligent Control" (PEEIC-2024 organized by G.L. Bajaj Institute of Technology & Management, Greater Noida on 24th Dec 2024.
- 1st IEEE International Conference on "Emerging Technologies and Innovations for Sustainability" at Noida Institute of Engineering and Technology, Greater Noida on 20th Dec 2024.
- International Communication, Computing and Energy Efficiency Technologies (I3CEET-2024) dated on 20 September 2024.

Research Paper Published in International Conferences:

- "An improved Deep Learning based Power Controller for Lower Energy Devices in Environmental Monitoring" at 2024 4th IEEE International Conference on Power Energy, Environment & Intelligent Control (PEEIC2024).
- "A Deep Learning based Improved Detection for Phishing attacks in Social Engines" 1st IEEE Conference on Emerging Technologies and Innovation for Sustainability! -2024.
- "A Novel Optimization Model for Blockchain-based Secure Realtime Data Processing in Mobile Edge Computing" 1st IEEE Conference on Emerging Technologies and Innovation for Sustainability! -2024.
- "Enhancing Realtime Data Integrity in Healthcare Systems using Blockchain and Optimized Data Encryption" at 4th International Conference on Advancement in Electronics & Communication Engineering on 22nd-23rd November 2024.
- "Automated Disease Diagnosis Using Natural Language Processing and Deep Learning" at 4th International Conference on Advancement in Electronics & Communication Engineering on 22nd-23rd November 2024.
- "Investigating the Use of Applied Cryptography Algorithms for Authentication" at International Communication, Computing and Energy Efficiency Technologies (I3CEET-2024) dated on September 2024.
- "Exploring the Potential of AI/ML Algorithms for Automated Diagnosis in Smart Healthcare" at International Communication, Computing and Energy Efficiency Technologies (I3CEET-2024) dated on September 2024.
- "Integrating Artificial Intelligence and Machine Learning for Accurate Identification of Melanoma in Medical Imaging" at International Conference On Artificial Intelligence Of Things For Smart Societies Advances in Science, Technology and Innovation, on 14 August 2024.

bytescse@rkgit.edu.in



Dr. Pramod Kumar Sagar

- Research Paper Published in International Conferences on "Real Time Monitoring and Fault Detection in Smart Grids" at 4th International Conference on Advancement in ECE (AECE-2024) on 23 November 2024.
- Session Chair in 4th International Conference on Advancement in ECE (AECE-2024) dated on 28 October 2024.
- Certificate of Recognition as Professional Member of InSc International Publishers in recognition of Professional Standing dated on 28 October 2024.
- Academic Excellence Award 2024 by Institute of Scholars, under Corporate Affairs, Govt. of INDIA dated on 28 October 2024.
- Published a Indian Design Patent Grant with title of Invention "Smart Home Energy Management System Using Machine Learning" dated on 20 July 2024.



Mr. Rahul Sharma

- Honored with the National Teacher Award 2024 by SAKSHAM Society for excellence in education and teaching contributions dated on 01 September 2024.
- Contributed a book chapter, titled "Advancements in renewable Energy Harvesting for EV Charging Infrastructure by Optimized Energy Management Strategies for Electric Vehicles" dated on 01 August 2024.
- Research Paper Published in International Conferences on "Performance Analysis of Liver Disease Prediction Using Supervised Machine Learning Classification Models" at 1st International Conference on Advanced Computing and Emerging Technologies (ACET) dated on 01 August 2024.



Mr. Ramveer Singh

- Research Paper Published in International Conferences on "Performance Analysis of Liver Disease Prediction Using Supervised Machine Learning Classification Models" at 1st International Conference on Advanced Computing and Emerging Technologies (ACET) on 01 August 2024.
- Honored with the National Excellent Faculty Award by SAKSHAM Society for outstanding contributions to academia and education.
- Book Chapter Published on "A Smart Traffic Management System for Improving EV Range Using Machine Learning Algorithms".
- Published a patent on "AI Based Electrical Stimulation Devices".

Faculty Corner



Innovate Create Inspire

As you code and calculate, day and night
Your dreams and passions, a beacon in sight
The world of tech, a canvas so grand
Waiting for your brushstrokes, to make a mark in the land

With each line of code, a story unfolds
Of innovation and progress, yet to be told
The thrill of creation, the rush of the chase
As you bring ideas to life, and put them in their place

From circuits to algorithms, from maths to design
Your skills and knowledge, a treasure to shine
The late night pizza, the early morning grind
Are all worth it, when your project is one of a kind

So don't give up, when the going gets tough
Remember why you started, and the dreams you've enough
You're not just students, you're the future in make
The innovators, the game changers, the ones who'll partake

In the revolution of tech, that's changing the world
You're the pioneers, the trailblazers, with a story to unfurl
So hold your head high, and let your spirit soar
You're the B.Tech brigade, and you're ready to roar

So go ahead, take the leap, and make your mark
The world of tech, is waiting for your spark
You've got this, you're the best
A motivated B.Tech student, you'll pass the test!

~SAMRIDHI GULATI



To My Beloved Students

In the glow of screens and minds so bright,
You bring new dreams to life each night.
With every line of code you write,
I see your future take its flight.

Mistakes are steps don't fear to fall, Rise again, stand proud and tall. For every bug you brave to mend, Is wisdom gained, a means to end.

In loops of effort, you will find,
The strength of heart, the sharpest mind.
You are the builders, bold and true,
Creating paths where none yet grew.

As your teacher, I stand with pride,
To walk this journey by your side.
For in your success, I'll always see,
The joy of shaping destiny.

~CHHAYA YADAV





THE BEST THING ABOUT SMART PEOPLE IS THAT THEY LIKE TO SPEAK, BECAUSE IT MAKES THEM FEEL SMART.

WHEN YOU'LL REACH AT THE PEAK,
THEN YOU WILL REALISE THE MOUNTAIN
WASN'T THE OBSTACLE,
.....YOU WERE.

~ AYUSH DEEP

HARDWORK BEATS TALENT,
WHEN TALENT DOESN'T WORK HARD

"AS A CSE STUDENT, YOU'RE NOT JUST BUILDING SOFTWARE—YOU'RE BUILDING THE WORLD OF TOMORROW."

~ RAMAN MAURYA



bytescse@rkgit.edu.in

Student Achievement

- Aditya Narayan Kaushik of B.Tech CSE 2nd year Secured 2nd position in QUIZATHON 2.0 Organised by CSSS.
- Shreya of B.Tech CSE 2nd year Secured 3rd position in "Group Discussion by IEEE, LFR 2.0, Eco TechTalk".



- Sumit Mall of B.Tech CSE 3rd year Secured 1st and 2nd position in Volleyball Zonal and State Level.
- Adityan Rai of B.Tech CSE 2nd year Secured 2nd position in Brawl Bits.
- Parikshit Tyagi of B.Tech CSE 3rd year Secured 1st position in Volleyball Zonal.

 Pratyush Yadav of B.Tech CSE 2nd year Secured 2nd position in Unwaan Events Nukkad Natak.

PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
1.	APPINVENTIV TECHNOLOGES	ASHUTOSH KUMAR TARUN KUMAR	2	3.6
2.	CHETU INC.	 AKHILESH SINGH ALOK KUMAR ARYA SINGH DEEPALI SINGH GAURAV DUBEY KHUSHBOO GAUTAM KUSHAGRA CHATURVEDI MOHAMMAD ANASH PRANAV SAHU SHIVAM PANDEY SIDDH KUMAR SINGH VAISHNAVI SINGH 	12	2.88
3.	EASTERN SOFTWARE SOLUTIONS	DIVYANSH GUPTAHARDIK AGARWALMAYANK PANWARPRAKHAR KELA	4	2.8
4.	FREECHARGE	KAUSHKI GUPTA	1	4.5
5.	KEN RESEARCH PVT. LTD.	SNEHAL KUMAR	1	1.8
6.	QSPIDER	 ABHINAV KUMAR SRIVASTAVA AHMED ALI ANUJ KUMAR VERMA BHUMI SHARMA GAURAV KUSHWAHA HIMANSHU KUMAR NASHRAH NAVEEN KUMAR PANKAJ PIYUSH GUPTA PUSHPENDRA SINGH GAUR VIKAS GUPTA 	12	3.5

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
		 ARVIND KUMAR KAMINI PANDEY MOHD AZEEM KAMAL RAHNUMA SIDDIQUE RITIKA TYAGI SHREYASHI CHANDRA 	6	12
		ASHISH DAKSH YASH SINGHAL	2	8.5
7.	TALENT SERV.	 ABHINAV RATHI ABHISHEK KUMAR DWIVEDI ANMOL JAIN ASHISH KUMAR PANDEY ASHUTOSH MAURYA AYUSH SINGH DEEPAK KUMAR SAINI HARSH SAHU KRISHNA CHANDRA MAURYA KUNAL NAVEEN PANDEY NEHA PAWAN MAURYA RIYA JAISWAL SAURABH KUMAR GUPT SAURABH SINGH SHARAD YADAV SHARYA VASHISTHA SHASHANK MISHRA SHIVAM KUMAR TANISHKA VAIBHAV CHAUDHARY VRITIKA TYAGI YUVRAJ VARSHNEY 	24	7.5
		 DEEKSHA DEVANSH MAMGAI KRISH VASHISTH SHIVAM RAJ SINGH SURYANSH SINGH TUSHAR SHISHODIYA 	6	5.5

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
		HARSHITA SINGHPIYUSH KUMARPRATYAKSH YADAVPRIYA YADAVTUSHAR VERMA	5	7
8.	TCS	 AKHILESH SINGH AKSHITA RAJ ANSH MISHRA ANSHIKA GOEL ANTRA SONI ARYAN RAJ VERMA CHIRAG SINGHAL HARSH SAMADHIYA HARSH VARDHAN SINGH KARAN RUDOLA OM PRABHA MISHRA POOJA GAHLOT RIYA JAISWAL SAKSHI SAHU SHARVYA VASHISTHA SHUBHAM PANDEY YADVENDRA RATHOR YASH BADONIYA 	19	3.36
9.	TECH MAHINDRA	PREETI NISHAD	1	3.25
10.	SPRINGWORKS	UTTKARSH TRIPATHI	1	2.52
11.	DIGITAL WEB SOLUTION	AYUSH CHAUHANJITENDRA KUMARUJJAWAL TYAGI	3	2.4
12.	GAMIX LABS PVT. LTD.	SURAJ KUMAR YADAV	1	1.8
13.	ACXIOM CONSULTING	SAMBHAV PAL	1	3
14.	CENTILYTICS/ ZARTHI	PRATEEK SINGH	1	6.7
15.	DIGIVIVE SERVICES	AYUSH MISHRA PRAFULL MISHRA	2	2.9
16.	E2E RESEARCH	MANISH KUMAR SINGH	1	3

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
17.	ELYSION SOFTWARES	KARTIK GUPTA	1	1.8
18.	GREAT DEVELOPER	KUSHPRIYA KUMARI SINGHRIYA SHARMASABRA JAINTRIPTY THAKUR	5	3.2
19.	HIKE EDUCATION	HARSHITA SRIVASTAVAPRATHAM GUPTA	2	6.4
20.	I2V SYSTEMS	SHREYA JAISWAL	1	5.2
21.	NTT DATA	HARSHITA SHARMA PRIYA KUMARI SINGH	2	3
22.	ODOO IN PVT. LTD	SABRA JAIN	1	5
23.	PAYTM	ABHAY PRATAP VERMA DIVYA CHAUDHARY	2	3
24.	PLANETSPARK	RITIK YADAVANSHI SAXENAAARTI MISHRAHIMANSHI SHARMA	4	6.5
25.	TO THE NEW	RISHABH SHARMA	1	4.5
26.	ZOXIMA SOLUTIONS PVT. LTD.	AISHWARYA VARDHAN ASHOKINDRAJ SINGH TEOTIATANU SINGH	3	6

Highest Package – 12 LPA

Average-5.01 LPA

EVENTS

BINARY TALKS 4.0

The **Binary Club** of **CSE** Department organized "**Binary Talks 4.0**" on 27/09/2024. The special guest of this event was **Mr. Raghav Garg**, a renowned Software Engineer at Physics Wallah, an influential YouTuber, and a passionate instructor at College Wallah.



In the event, Mr. Raghav Garg explained key concepts in the areas of coding and internet technologies and demonstrated how to solve the real-world problems. Mr. Raghav Garg interacted with the students and solved their doubts regarding their academic, placements, tech skills through which students had gained new knowledge about exploring more in these fields and bringing new innovations. About 300 students attended the event and also interacted with the guest.

Backend Application Development using Spring Boot

The Department of Computer Science & Engineering organized a full-day workshop on "Backend Application Development using Spring Boot" on 6th December 2024 from 9:30 a.m. to 4:30 p.m. Yukti Software conducted the workshop with the CSE department under the MoU. The session provided participants with indepth knowledge and practical insights into backend application development, equipping them with the skills required to excel in the field.



Resource Persons:

Mrs. Manisha Kumari, Founder, with over 10 years of IT experience, M.Tech from NIT Calicut.

Mr. Mithilesh Kumar, Founder, with over 13 years of IT experience, B.Tech from NIT Patna.

QUIZATHON 2.0



The Computer Science Students Society (CSSS) of Raj Kumar Goel Institute of Technology, Ghaziabad, organized Quizathon 2.0, an exciting online quiz competition, on November 17, 2024, at 12:00 p.m. The event was for second and third year students which aimed to test their knowledge across various domains.

Quizathon 2.0 witnessed overwhelming participation, reflecting the enthusiasm of students to engage in extracurricular intellectual challenges. The competition encouraged students to expand their knowledge base, think critically, and apply concepts learned in class to practical scenarios.

The competition concluded with the announcement of the winners, who displayed exceptional skills and knowledge:

Jeevesh – First Prize Aditya Kaushik – Second Prize Aditya Maitreya – Third Prize

EXPERT TALK 3.0

The Computer Science Students Society (CSSS) of Raj Kumar Goel Institute of Technology, Ghaziabad, organized the Expert Talk 3.0 on December 5, 2024 in the Seminar Hall, D Block. This session aimed to bridge the gap between academic learning and professional success in the tech world.





The event featured Mr. Ashwani Kumar Upadhyay, CEO of CodeForSuccess Pvt. Ltd., as the keynote speaker. Known for his inspiring talks and practical insights, Mr. Upadhyay engaged the audience with his session titled "Elevate Your Expertise: Learn from the Masters."

The session focused on guiding second- and third-year students on building a solid career roadmap in the tech industry. The seminar witnessed enthusiastic participation from over 200 students. Students appreciated the session for its practical advice and motivational tone, leaving them with a clearer perspective on their career paths.

MOU Signing Ceremonies

MoU with National Chung Cheng University, Taiwan

The Department of Computer Science & Engineering, RKGIT has signed a Memorandum of Understanding (MOU) with the Research Center on Artificial Intelligence and Sustainable Development at National Chung Cheng University, Taiwan from 22.11.2024 to 22.11.2025 and will be extended further as needed.

Special thanks to **Dr. Pao Ann Husing**and **Dr. Hsiu Chun Hsu** for making this
MoU a reality.



MoU with Yukti Software, Gurgaon



The Department of Computer Science and Engineering (CSE) has signed the MoU with the National Company Yukti Softwares, Greater Noida, Gurgaon from 26.09.2024 to 25.09.2025.

This MoU marks the beginning of a strategic partnership aimed at enhancing educational experiences, fostering research and development, and bridging the gap between academia and industry.

MoU with Etelligens Technologies, Greator Noida

The Department of Computer Science and Engineering (CSE) has signed an MoU with Etelligens Technologies, a leading provider of innovative IT Solutions from 21.08.2024 to 20.08.2025.

This MoU marks the beginning of a strategic partnership aimed at enhancing educational experiences, fostering research and development, and bridging the gap between academia and industry.



MOU with NS3 Tech Solution, Greator Noida



The Department of Computer Science and Engineering (CSE) has signed the MoU with the National Company NS3 Tech Solutions, Greater Noida, Gurgaon from 26.09.2024 to 25.09.2025.

This MoU marks the beginning of a strategic partnership aimed at enhancing educational experiences, fostering research and development, and bridging the gap between academia and industry.

Major Events

4th International conference

Technically sponsored by IEEE UP Section (India)



Empowering innovation at its peak!

AECE 2024, the 4th International Conference at RKGIT College, Ghaziabad, showcased cutting-edge advancements in Electronics and Communication Engineering held on November 22nd and 23th. Technically sponsored by IEEE UP Section (India), organized by the Departments of CSE and ECE, and supported by event partners CodeTantra, IJGASR, iNserb India.







SUMMER CAMP

IN ASSOCIATION WITH **NETCAMP SOLUTIONS Pvt. Ltd**

The Computer Science and Engineering Department of **RKGIT** conductded its three-week summer camp, Over 151 students from more than 40 engineering colleges across Pradesh and Delhi NCR Uttar participated in the camp. this In program, Mr. Shantu Purkait, Director of Netcamp Solutions Private Limited, provided training to students on networking, web development, ethical hacking, and core Java for Android. The summer camp has been coordinated by Dr. Amit Singhal, Head of the Computer Science and Engineering Department. The institute's Director, Dr. B.C. addresses students. Sharma. the wishing them a bright future. This training help to gain valuable insights and hands on exprience to the students.

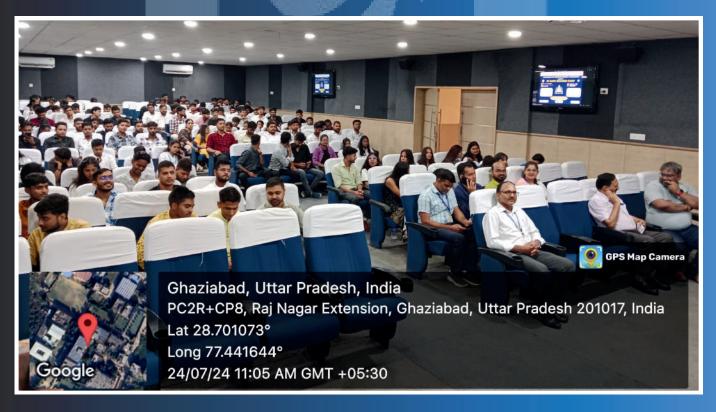
आरकेजीआईटी के कंप्यूटर साइंस और इंजीनियरिंग विमाग द्वारा आयोजित समर कैंप का हुआ समापन

गाजियाबाद। आरकेजीआईटी के कंप्यूटर साइंस और इंजीनियरिंग विभाग द्वारा 3 सप्ताह चले समर कैंप का बधवार को समापन हो गया। कैंप में उत्तर प्रदेश एवं दिल्ली एनसीआर के 40 से अधिक इंजीनियरिंग कॉलेज के 151 विद्यार्थियों ने भाग लिया। इस प्रोग्राम में नेट कैंप सॉल्यूशन प्राइवेट लिमिटेड के डायरेक्टर शांतु पुरकैत के द्वारा विद्यार्थियों को नेटवर्किंग, वेब डेवलपमेंट, एथिकल हैकिंग तथा एंड्रॉयड की कोर जावा पर ट्रेनिंग प्रदान की गई। समर कैंप के संयोजक एवं कंप्यूटर साइंस एंड इंजीनियरिंग के विभागाध्यक्ष डॉ अमित सिंघल ने इस आयोजन के लिए सभी का आभार व्यक्त किया। संस्थान के डायरेक्टर डॉ बीसी शर्मा ने छात्रों को संबोधित करते हुए उनके बेहतर भविष्य की कामना की। इस ट्रेनिंग से विद्यार्थियों को उच्च गणवत्ता के प्लेसमेंट में मदद मिलेगी। ट्रेनिंग के समाप्ति के पश्चात सभी विद्यार्थियों को प्रमाण पत्र वितरित किए गए। इस कार्यक्रम के दौरान डीन छात्र कल्याण एच. जी. गर्ग, डीन एकेडमिक्स डॉ. आर.के. यादव एवं डीन एक्रेडिटेशन डॉ. रामेन्द्र सिंह भी द्वारा किया गया। कॉलेज के वाइस सभी को धन्यवाद दिया।





उपस्थित रहे। इस ट्रेनिंग कैंप का चेयरमैन अक्षत गोयल, ग्रुप एडवाइजर आयोजन कंप्यूटर साइंस एंड डॉ लक्ष्मण प्रसाद एवं एग्जीक्यटिव इंजीनियरिंग के विभागाध्यक्ष डॉ अमित डायरेक्टर डॉ डीके चौहान ने इस सिंघल एवं डॉ प्रमोद कुमार सागर के तकनीकी कैंप के आयोजन के लिए



FDP DONE BY FACULTIES

S.No.	Faculty Name	Title of FDP
1.	Dr. Pawan Kumar Goel	 High Performance Computing National Education Policy 2024 Innovative Applications and Ethical Considerations of Artificial Intelligence in Modern Research Cyber Security in AI Entrepreneurship and Start-up Development Preparing Students for Placements and Higher Studies Enhancing Research Capabilities for Academic Career Progression AI for Future Workforce AI And Gen AI with Industry Application AI and Quantum Computing: The Future of Intelligent Systems Intellectual Property Rights
2.	Dr. Pramod Kumar Sagar	 AI And Gen AI with Industry Application Recent Trends in Computing 4.0 Intellectual Property Rights Design & Development of Biomedical Antennas Explore Machine Learning using Python Natural Language Processing for Developers Python for Data Science Preparing Students for Placement and Higher Studies Data Visualization & Modeling using Orange Software Python Programming with AI Machine Learning and Artificial Intelligence Basics of Python Programming Fundamentals using Python - Science Graduates - Foundation Programming Fundamentals using Python - Part 1 Netconf/Yang Overview Design and Build the TaskBot Gen-AI and Prompt Engineering Using Microsoft Co-Pilot Enhancing Research Capabilities for Academic Career Progression Big Data-201 Web of Science Academy course High Performance Computing for Data Intensive and Complex AI Applications Importance Of Data Analytics Tools for Job Opportunities In IT Sector

S.No.	Faculty Name	Title of FDP	
3.	Dr. Gaganjot Kaur	 AI & Gen AI with Industry Application Preparing Students for Placement and Higher Studies Gen-AI and Prompt Engineering Using Microsoft Co-Pilot Enhancing Research Capabilities for Academic Career Progression 	
4.	Dr. Khel Prakash Jayant	 Intellectual Property Rights AI And Gen AI with Industry Application 	
5.	Dr. Birendra Kumar Saraswat	 National Education Policy 2024 Preparing Students for Placements and Higher Studies OpenCV for Image and Video Processing Applications 	
5.	Mr. Devesh Garg	 Enhancing Research Capabilities for Academic Career Progression Preparing Students for Placements and Higher Studies Artificial Intelligence & Cybersecurity in Education & Research 	
6.	Ms. Chanchal Jayant	 Explore Machine Learning using Python Python for Data Science Natural Language Processing for developers 	
7.	Ms. Deepti Gangwar	 High performance computing Super Computing Recent Trends in Computing 4.0 (one week FDP) Preparing students for placement and higher studies Machine Learning and Artificial Intelligence Enhancing Research Capabilities for Academic Career Progression 	
8.	Ms. Kanika Garg	 Explore Machine Learning using Python Python for Data Science Natural Language Processing for developers 	
9.	Ms. Indira Adak	Preparing Students for Placement and Higher Studies	
10.	Ms. Rinki Tyagi	Innovative Teaching And Learning Pedagogy	

S.No.	Faculty Name	Title of FDP	
11.	Ms. Vaishali Rastogi	 Machine Learning and Artificial Intelligence Recent Trends in Computing 4.0 (one week FDP) Preparing Students for Placement and Higher Studies 	
12.	Ms. Vertika Agarwal	 Preparing Students for Placement and Higher Studies High Performance Computing AI And Gen AI with Industry Application 	
13.	Ms. Shalini Verma	Intellectual Property Rights	
14.	Mr. Rahul Sharma	 Recent Research Trends in Computer Science and Information Technology AI And Gen AI with Industry Application 	

MOOCs/NPTEL/Coursera Courses -

S.No.	Faculty Name	MOOCs/NPTEL /Coursera	Course Name	Dated
1.	Devesh Garg	NPTEL	Software Testing	Jul-Oct 2024
2.	Vaishali Rastogi	NPTEL	 Introduction to Industry 4.0 and Industrial Internet of Things 	Jul-Oct 2024
3.	Rahul Sharma	NPTEL	Big Data Computing	Aug-Oct 2024
4.	Ramveer Singh	NPTEL	Big Data Computing	Aug-Oct 2024
5.	Deepti Gangwar	NPTEL	 Introduction to Industry 4.0 and Industrial Internet of Things Software Engineering 	Jul-Oct 2024
6.	Manjusha Kamboj	NPTEL	 Introduction To Machine Learning - IITKGP Introduction to Quantum Computing: Quantum Algorithms and Qiskit 	Jul-Sep2024

INDUSTRIAL VISITS

CENTRAL ROAD RESEARCH INSTITUTE

Delhi - Mathura Road, PO CRRI, New Delhi





The Computer Science and Engineering Department has organized an industrial visit at CSIR - CENTRAL ROAD RESEARCH INSTITUTE, New Delhi on 30-09-2024.

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 24-10-2024.















आरकेजीआइटी में दो दिवसीय गोष्ठी का किया शुभारंभ

वि. गाजियावादः राजकुमार गोयल इंस्टीट्यूट आफ टेक्नोलाजी में आइईईई द्वारा एडवांसमेंट इन इलेक्ट्रानिक्स एंड कम्युनिकेशन इंजीनियरिंग (एइंसीई - 2024) विषय पर दो दिवसीय अंतरराष्ट्रीय संगोष्ठी शुक्रवार से शुरू हो गई है। कार्यक्रम के संयोजक द्या. आरके यादव ने बताया कि इस संगोष्ठी का उद्घाटन द्या. एसके सिंह (वाइस चांसलर, आरटीयू कोटा) ने किया। इस मौके पर प्रोफेसर आशीप कुमार सिंह



राजकुमार गोयल इंस्टीट्यूट में कार्यक्रम के वैरान भाग लेते अतिथि ब्सौजन्यः कालेज (एमएनएन आईटी, इलाहाबाद), डा. दिल्ली) मौजूद रहे। मुख्य अतिथि एस इंद्र (पूर्व वाईस चांसलर, डीटीयू प्रोफेसर एसके सिंह ने वायु एवं जल

प्रदुषण के स्तर को सुधारने पर टेक्नालाजी के प्रयोग से अवगत कराया। उन्होंने कहा कि वायु प्रदुषण एनसीआर की ही नहीं बल्कि विश्व की एक प्रमुख समस्या है, उन्होंने वायु गुणवत्ता सुधारने पर विशेष रूप से जोर दिया। मुख्य वक्ता डा. पाओ एन ह्यूइंग (वाइस डायरेक्टर, एनसीसीयू, ताइवान) ने आर्टिफिसियल इंटेलिजेंस को मदद से पाल्युशन मानिटरिंग एवं ट्रैफिक नियमों को तोड़ने का पता लगाने पर व्याख्यान दिया।

आईईईई दिवस का आयोजन



ब्यूरो चीफ गाजियाबाद। राजकुमार गोयल

इंस्टीटयुट ऑफ टेक्नोलॉजी गाजियाबाद में आईईईई सप्ताह के अंतर्गत आईईईई दिवस समारोह मनाया गया जिसका उद्देश्य तकनीकी उत्क्रष्टता को बढ़ावा देने की प्रतिबद्धता का प्रतीक थो इस समारोह की शुरूआत डॉ जय सिंह, एग्जीक्यूटिव कमेटी मेंबर , आईईईई उ. प्र. सेक्शन ने दीप प्रज्वलन से की । इस अवसर पर आईईईई की छात्र शाखा के दूसरे न्यूज लेटर 'आईईईई आर्काइब्स' का विमोचन किया गया। डॉ जय सिंह ने छात्रों को तकनीकी क्षेत्र में भविष्य की जरूरत को साझा करते हुए नई तकनीकियों को सीखने एवं नियमित योग के लिए प्रेरित कियो इसमें एक संवाद सत्र का आयोजन किया गया जिसमे 100 से अधिक विद्यार्थियों ने भाग लिया। इसके पश्चात ग्रुप एडवाइजर डॉ लक्ष्मण प्रसाद, डीन स्टूडेंट वेलफेयर एच जी गर्ग एवं डॉ जय सिंह ने विभिन्न प्रतियोगिता के विजयी छात्रों को पुरस्कार वितरण कियो संस्थान के शाखा काउंसलर डॉ अमित सिंघल ने तकनीकी उत्क्रष्ट्ता को आगे बढ़ाने में आईईईई के योगदान के महत्व पर प्रकाश डालते हुए सभी प्रतियोगियों को हार्दिक बधाई दी एवं निरंतर सीखने और नवाचार की संस्कृति को बढ़ावा देने में ऐसे आयोजनों के महत्व पर जोर दिया। अंत में संस्थान के वाइस चेयरमैन अक्षत गोयल, एग्जीक्यूटिव डायरेक्टर डॉ डी के चौहान, डायरेक्टर डॉ. बी सी शर्मा, डीन एकेडमिक्स डॉ आर के यादव, डॉ रामेंद्र सिंह और डॉ पुनीत चंद्र पस्तव ने कार्यक्रम आयोजन के लिए आईईईई मेंबर्स को धन्यवाद दिया।

5 दिवसीय राष्ट्रीय संकाय विकासे कार्यक्रम (एफडीपी)का आयोजन

प्रौद्योगिकी संस्थान, गाजियाबाद के कम्प्युटर सांइस एंड इंजीनियरिंग विभाग हारा राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवम् अनुसंधान संस्थान (एन० आई० टी० टी० टी० आर०) चंडीगढ के सहयोग से 5 दिवसीय राष्ट्रीय शॉर्ट टर्म कोर्स / संकाय विकास कार्यक्रम (एफ डी पी)का आयोजन किया गया। जिसका शीर्षक शैक्षणिक कैरियर प्रगति के लिए अनुसंधानक्षमताओं को बढ़ाना रहा।प्रो० (डॉ०) बी० सी० शर्मा, निदेशक, राजकुमार गोयल प्रौद्योगिकी संस्थान ने राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवम अनुसंधान संस्थान (एन० आई० टी० टी० टी० आर०) चंडीगढ के प्रो0 (डॉ) हर्ष वर्धन को धन्यवाद ज्ञापित करते हुए कहा कि ज्ञान के आदान-प्रदान और कौशल वृद्धि की यह उल्लेखनीय यात्रा आरकेजीआईटी गाजियाबाद में कंप्यूटर साइंस इंजीनियरिंग विभाग के समर्पित प्रयासों और एनआईटीटीटीआर चंडीगढ़ के सहयोगात्मक समर्थन से हुई। इस अवसर पर कंप्यूटर साईंस एंड



कार्यक्रम आईसीटी मोड के माध्यम से परिसर में आयोजित किया गया था अथवा इसमें हमारे संस्थान और अन्य संस्थानों के विकित्त विभागों के 26 संकाय सदस्यों ने भाग लिया था इस कार्यक्रम के सत्र अनुभवी और जानकार पेशेवरों द्वारा दिए गए थे और प्रतिभागियों के लिए मुल्ववान अंतर्दृष्टि प्रदान करते थे। कार्यक्रम समन्वयक डाँ पतन कुमार गोथल ने बताया कि कार्यक्रम का उद्देश्य अनुसंधान पद्धित और डिजाइन के मूल सिद्धांतों को समझना एवं उच्च गुणवता वाले शोध पत्र और प्रस्ताव लिखने के लिए कौशल विकसित करना एवं विभिन्न

लिए नवीनतम उपकरणों और तकनीकों के बारे में जानना और अनुसंधान गतिविधियों में छात्रों का मागदर्शन करने के लिए संकाय सदस्यों की क्षमता को बढ़ाना था। कार्यक्रम के सफल आयोजन के लिए संस्थान के चेयरमैन श्री दिनेश गोयल, वाईस चेयरमैन श्री अक्षत गोयल, ग्रुप एडवाइजर प्रो० (क्षा०) लक्ष्मण प्रसाद ,एजीक्यूटिब डायरेक्टर प्रो० (डॉ०) डी० के० चौहान, निदेशक प्रो० (डॉ०) बी०सी० शर्मा, डीन एकेडिमक्स डॉ. आर.के. यादव ने कंप्यूटर साईस एवं इंजीनियिंग विभाग को बधाई दी। कार्यक्रम को सफल बनाने में कंप्यूट

आरकेजीआईटी में हुआ एमओयू समारोह का आयोजन



गाजियाबाद राज कुमार गोयल प्रौद्योगिकी संस्थान के कंप्यूटर साइंस और इंजीनियरिंग विभाग ने युक्ति सॉफ्टवेयर्स, ग्रेटर नोएडा तथा एनएस 3 टेक सोल्शन्स, गुडगाँव के साथ एमओयू पर हस्ताक्षर किए हैं । युक्ति सॉफ्टवेयर्स आईटी सॉल्यूशंस एवं एनएस 3 टेक सोल्यूशंस पंचं एनएस 3 टेक सोल्यूशंस मं प्रमुख प्रदाता हैं । यह एमओयू ग्रेंप्सिक अनभवों को बढाने अनुसंधान और विकास को प्रोत्साहित करने तथा अकादिमक और उद्योग के बीच के गैप को कम करने के उद्देश्य से एक रणनीतिक साझेदारी की शुरूआत का प्रतीक है।

ह।
इस एमओयू का उद्देश्य विशेष रूप
से छात्रों को उत्तेश शैक्षणिक उद्देश्यों
के अनुसार औद्योगिक यात्रा के
अवसर प्रदान करना है। इसके सही
ही सॉफ्टवेयर ऐशोबरों द्वारा
आरकेजीआईटी में टेक सेमिनार की



मेजबानी करना, और कैंपस ड्राइव का आयोजन करना है, ताकि छात्रों के कौशल का मूल्यांकन किया जा सके। छात्र लाइव प्रोजेक्ट्स में भागीदारी के माध्यम से व्यावहारिक अनुभव भी प्राप्त करेंगे तथा कंप्यूटर नेटवर्क के क्षेत्र में आधुनिक तकनीकियों को सीखने में मदद मिलेगी। इस एमओयू पर हस्ताक्षर मनीषा युक्ति सॉफ्टवेयर्स एवं असीम मिड्डा एनएस 3 टेक सोलूशन्स की उपस्थित में किया गया। संस्थान के अध्यक्ष दिनेश कुमार गोयल, बाइस चेयरमैन अक्षत गोयल, ग्रुप एडवाइजर प्रो. लक्ष्मण प्रसाद, एग्जीक्युटिव डाबरेक्टर डॉ डीके चौहान, निदेशक डॉ बीसी शर्मा, डीन एकेडिमेक्स डॉ. आरके यादव एवं डीन एक्रेडिटेशन डॉ. रामेन्द्र सिंह ने समझौता ज्ञापन के लिए कंप्यूटर साइंस और इंजीनियरिंग विभाग के विभागाध्यक्ष डॉ. अमित सिंघल और कोऑडिनेटर विनीत श्रीवासनव को बधाई ही।

आर्टिफिशियल इंटेलिजेंस और रिसर्च को लेकर

आरकेजी मैनेजमेंट इंस्टीट्यूट ने किया ताइवान की नेशनल चुंग चेंग यूनिवर्सिटी के साथ करार पर हस्ताक्षर



विशेषज्ञता के वैश्विक आदान-प्रदान को बढ़ावा मिलेगा।

इस एमओयू पर हस्ताक्षर नेशनल चुंग चेंग यूनिवर्सिटी, ताइवान के डायरेक्टर डॉ पाओ एन ह्युइंग एवं मिस शियु छन शु की उपस्थिति में किया गया। संस्थान के वाइस चेयरमैन अक्षत गोयल, ग्रुप एडवाइजर प्रो लक्ष्मण प्रसाद, एग्जीक्यूटिव डायरेक्टर डॉ डी के चौहान, निदेशक डॉ बी सी शर्मा, डीन एकेडिमक्स डॉ. आर.के. यादव एवं डीन एक्रेडिटेशन डॉ. रामेन्द्र सिंह ने समझौता ज्ञापन के लिए कंप्यूटर साइंस औ

राज कुमार गोयल मैनेजमेंट इंस्टीट्यूट के कंप्यूटर साइंस और इंजीनियरिंग विभाग ने नेशनल चुंग चेंग यूनिवर्सिटी, ताइवान के साथ आर्टिफिशियल इंटेलिजेंस और सतत विकास पर अनुसंधान केंद्र के साथ एक एमओयू पर हस्ताक्षर किया। यह एमओयू शैक्षिक अनुभवों को बढ़ाने, अनुसंधान और विकास को प्रोत्साहित करने तथा अकादिमक और उद्योग के बीच के अंतर को

कम करने के उद्देश्य से किया गया।

स साझेदारी के माध्यम से तकनीकी

गाजियाबाद। मेरठ रोड स्थित

BYTES NOT JUST ONES AND ZEROES

Follow RKGIT on Social Media

- @rkgit_
- f @rkgitgzb
- in @rkgit ghaziabad
- X @rkgit_

For any Suggestion contact: bytescse@rkgit.edu.in

BYTES

VOLUME: 17

JULY-DECEMBER
2024

exit (0);