

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY

5 KM STONE, DELHI MEERUT ROAD, GHAZIABAD



BYTES

NOT JUST ONES AND ZEROES



VOL. 18

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FACULTY EDITORIAL BOARD

MS. VARSHA TYAGI

STUDENT EDITORIAL BOARD

SHIKHAR GUPTA

2nd YEAR CSE

HARSH SHRIVASATAV

2nd YEAR CSE

BYTES EDITORIAL BOARD

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.

Program Educational Objectives (PEOs)

The Program Educational Objectives of the U.G. program in the Department of Computer Science & Engineering at Raj Kumar Goel Institute of Technology are as follows:

PEO 1: Knowledge and Technical Proficiency

Graduates will demonstrate a strong foundation in computer science and engineering principles, utilizing cutting-edge knowledge and technical skills to solve complex problems in innovative ways.

PEO 2: Professional Collaboration

Graduates will engage in effective collaboration with industry professionals, academic institutions, and society, promoting knowledge exchange and contributing to impactful research and technological advancements.

PEO 3: Entrepreneurial Mindset and Leadership

Graduates will exhibit an entrepreneurial mindset and leadership qualities, enabling them to drive innovation and navigate real-world challenges effectively while contributing positively to society.

PEO 4: Ethical and Social Responsibility

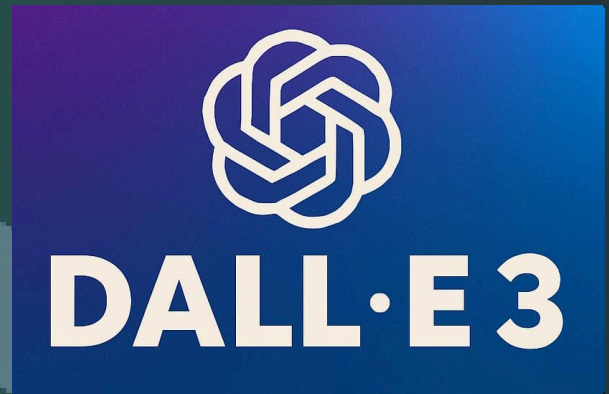
Graduates will uphold ethical standards and demonstrate social responsibility in their professional practices, ensuring their contributions benefit society and promote sustainable development.



TECH TOOLS!

DALL·E 3

DALL·E 3 is an AI image generator that can create high-quality images from textual descriptions. It is accessible through various platforms such as NightCafe Creator and can be integrated with apps like Canva.



You can also access DALL·E 3 via ChatGPT or other websites like NightCafe Creator where you can generate images based on your text prompts. DALL·E 3 includes features to mitigate the generation of potentially harmful imagery, such as violent, adult, or hateful content. It also declines requests that ask for an image in the style of a living artist.

CLAUDE AI

Claude AI is a conversational artificial intelligence chatbot and family of large language models (LLMs) developed by Anthropic, a company focused on creating safe and interpretable AI systems.⁶⁷ Claude is designed to provide natural, engaging, and helpful conversations, catering to various tasks like answering questions, providing summaries, and generating human-like text. As of May 2025, there are different versions of Claude available, including Claude 3.7 and Claude 4 Sonnet.



Faculty Achievements



Dr. Amit Singhal
HOD-CSE

RESEARCH PAPERS PUBLISHED:

- “HEALTHIFY: An AI-Driven MERN Solution for Personalized and Predictive Healthcare” in International Journal for Multidisciplinary Research (IJFMR), E-ISSN: 2582-2160 Volume 7, Issue 3, May-June 2025.
- “Enhancing Semantic Document Retrieval Using Transformer-Based Language Models” in International Journal of Advance Research in Science, Communication Technology, Volume 5, Issue 1, May 2025.

FDP WORKSHOPS AND SEMINARS:

- Attended Faculty Updation Program on “Futuristic Approach in Digital Forensics” organized by IGDTU, New Delhi under the aegis of ISEA Project Phase III, Ministry of Electronics & Information Technology, Govt. of India from 3rd March 2025 to 7th March 2025.
- Attended Annual General Meeting (AGM) IEEE UP Section at Courtyard Marriott Hotel, Agra on 12th January 2025.
- Participated & Completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on “Quantum Machine Learning: Bridging the Gap Between Quantum Computing and AI” from 6th January 2025 to 11th January 2025.

EXPERT LECTURES DELIVERED:

- Special Session Organizer in the 6th International Conference on Data Analytics & Management (ICDAM-2025) organized jointly by London Metropolitan University, London, UK in association with WSG University, Poland, Europe & Portalegre Polytechnic University, Portugal & SGGW Management Institute, Poland, Europe on 13rd June 2025.
- Delivered an Invited talk as Keynote Speaker in Faculty Development Program on “Role of AI in Education” by MAHSA University, Malaysia on 28th May 2025.
- Delivered an Invited talk as a resource person in Faculty Development Program on “High Performance Computing” in 19th INDIACom- 2025, 12th International Conference on Computing for Sustainable Global Development by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi on 3rd April 2025.

SESSION CHAIR/REVIEWER:

- Reviewer in 3rd International Conference on Disruptive Technologies (ICDT 2025) organized by G.L. Bajaj Institute of Technology & Management, Greater Noida (UP) on 7th -8th March 2025.
- Session Chair in IEEE International Conference on Cognitive Computing in Engineering, Communications, Sciences, and Biomedical Health Informatics (IC3ECSBHI'2025) technically co-sponsored by IEEE UP Section, India, and IEEE, USA at Gautam Buddha University Greater Noida, India held during 16th-18th January 2025.



**Dr. Khel Prakash
Jayant**

- “Big Data Integration Techniques & Applications Across Fields” Book Chapter Published on May 2025.
- “Facial Emotion Prediction Model using Cascade of Neural Network-A Machine Learning Perspective” Journal published on 10-01-2025.
- Big Data Analytics for Healthcare Resource Allocation, International Conference on Pervasive Computational Technologies .
- “Big Data Integration Techniques & Applications Across Fields” Book Published on June 2025.
- Published a paper entitled “**AGRONOMIC DECISION SUPPORT THROUGH SOIL ANALYSIS AND CROPFERTILIZER PREDICTION**” in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 05, May 2025.
- Published a Research Paper Entitled “**Development of an API-Based Automated Trading Tool for Enhanced Financial Market Participation**” in IJARST, Volume 5, Issue 1, May 2025.
- Published chapter entitled “**Working with Libraries and Packages in Python**” in the edited book on Current Trends in Science Engineering & Technology in June 2025.
- **WORKSHOP** on NEP 2020: “Pedagogy and Assessment in Higher Education” Organized by Internal Quality Assurance Cell on 24-05-2025.



**Mr. Sanjay
Srivastava**

- **Published Book Chapter** “5G and IoT for Next Generation Connectivity through Enhance Network Performance and Seamless Integration” on 31/03/2025.



**Mr. Ramveer
Singh**

PUBLICATIONS:

- **Journal** : Securing Lives and Assets: IoT-Based Earthquake and Fire Detection for Real-Time.
- Research paper on Monitoring and Safety in **International Conference**.
- **Journal** : An Effective and Comparative Analysis of Asthma Prediction using Machine Learning Algorithms on March 2024.



**Mr. Vineet
Shrivastava**

- Reviewer in **SPRINGER NATURE** journal "Knowledge and Information Systems" on 07/01/2025.
- Reviewer in **SPRINGER NATURE** journal "Social Network Analysis and Mining" on 07/01/2025.



Dr. Gaganjot Kaur

PUBLICATIONS:

- “DA-FIS: A High-Speed Dynamic Adaptive Fault Injection Server Framework for Reliable FPGA-Based Embedded Systems” Journal published on June 2025.
- A Novel “CNN Architecture with Integrated Self-Attention Mechanism for Mammogram Classification: Self-Attentive Convolutional Neural Network” published on March 2025
- “Blockchain Cryptic Chills: Paving the Way for a Futuristic Internet” book chapter published on April 2025
- Presented and published research paper on “Optimizing Brain Tumor Prediction through Multi Parameter Analysis and Fuzzy Logic Control” in IEEE International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI-2025)
- Presented and published research paper on “Automatic Enhancing Brain Tumor Detection and Localization in Multimodal MRI Scans using 3D Convolutional Neural Networks: Early Brain Tumor Detection” in Micro2025 -12th International Conference on Microelectronics Circuits and Systems. on May 2025
- Presented and published research paper on “Optimizing Brain Tumor Prediction through Multi Parameter Analysis and Fuzzy Logic Control” on 16th - 18th January 2025
- Front End Web Developer **Certification** on 21/02/2025
- **Session Organizer** for the International Conference on “Recent Advances in Artificial Intelligence, Communication and Electronic Systems(RAICE 2025)”, held from February 6th to 8th, 2025
- AI Foundation and Primer Certification on 22/02/2025
- Agile Scrum Certification on 10/03/2025
- **Reviewer** during the "3rd International Conference on Advancement in Computation & Computer Technologies(InCACCT-2025)" organized by the Department of Computer Science & Engineering at Chandigarh University, Punjab on 17th-18th April 2025.
- **Reviewer** in Journal of Scientific Research and Reports
- Got selected for Post Doc in Lincoln University, Malaysia on 26/05/2025
- Elevation to the grade of IEEE Senior member on 22/05/2025
- **Participation in IEEE Conference** on Quality & Management Workshop held on May 24, 2025 at NIET, Greater Noida
- Grateful recognition of valuable contribution as a distinguished speaker for "AI in Sustainable Building Energy Management 'Held on 28th June 2025 | 10:30 AM to 11:30 AM Platform, MS Teams association with CYINT TECHNOLOGIES.



Dr. Pawan Goel

- **Published** a Edited book on "Advanced Systems for Monitoring Carbon Sequestration" at IGI Global, Pennsylvania, USA International Publisher (Scopus Indexed)
- **Published** a Edited book on "AI-Enhanced Cybersecurity for Industrial Automation" at IGI Global, Pennsylvania, USA International Publisher (Scopus Indexed)
- Got selected for Post-Doctoral research at National Kaohsiung University of Science and Technology, Taiwan.
- **Certificate of Achievement** for securing "AI Foundation Certification"
- **Reviewer** at IEEE International Conference on Next Generation Information System Engineering NGISE 2025.
- Reviewer in 2nd International Conference on Computational Intelligence & Communication Technology & Networking (CICTN-2025) held on 6th & 7th February, 2025 organized by Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, UP, India."
- Completed 20th 'NEP 2020 Orientation & Sensitization Programme' under (MM-TTP) of University Grants Commission organised by MMTTC, Central University of Haryana from February 17 to February 26, 2025.
- Book **"Advanced Systems for Monitoring Carbon Sequestration"** Published by IGI Global Scientific Publishing 2025
- Reviewer in 2nd IEEE Conference on Computational Intelligence and Communication Technology & Networking (CICTN-2025) organized by ABES Ghaziabad.
- **Session Chair** at IEEE International Conference at ICPCT-2025 at GL Bajaj Greater Noida.
- **Reviewer** in 3rd International Conference on Networks and Cryptology(NETCRYPT-2025) organized by JNU New Delhi.
- **Certificate of Appreciation** as Program Committie member and Reviewer in 5th International Conference on Computer Vision and Robotics (CVR 2025) organized by NIT, Goa.
- Session Chair at 9th International Conference on Information and Communication Technology for Intelligent systems.
- Published a Research Paper "Sentiment Analysis of Incoming Calls on Helpdesk at (ICDT) (Scopus Indexed)
- Published a Research Paper "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 (IC3I) (Scopus Indexed).
- **44 Book Chapter** Published at USA International Publisher (Scopus Indexed).



**Dr. Pramod
kumar sagar**

BOOKS PUBLISHED:

- Fundamentals of Machine Learning and Deep Learning on 28/03/2025.
- Foundations of Big Data Management: Methods and Applications on May 2025.
- Cloud-Based AI Solutions for Personal Finance Management

CERTIFICATIONS:

- Front End Web Developer **Certification** on 21/02/2025
- Certificate of Completion, "**Structuring your article correctly**", by Research Academy, ELESEVIER on 16/04/2025.
- Certificate of Completion, "**What is plagiarism and how to avoid it**", by Research Academy, ELESEVIER on 16/04/2025.
- Published research paper on "**Symptom-Based Disease Prediction using Classification Algorithms: A Performance Evaluation of X- Nearest Neighbors, Random forest, Decision tree and Logistic Regression**" published in the conference ICRAECCT-2025 on 11/04/2025.
- **Reviewer** in 2nd International Conference on Computational Intelligence & Communication Technology & Networking (CICTN-2025) held on 6th & 7th February, 2025 organized by Department of Computer Science & Engineering, ABES Engineering College, Ghaziabad, UP, India.



**Mr. Rahul
Sharma**

- **Published research paper** on "Performance Analysis of Liver Disease Prediction Using Supervised Machine Learning Classification Models" in 1st International Conference on Advanced Computing and Emerging Technologies (ACET)
- **Published research paper** on "Advancements in renewable Energy Harvesting for EV Charging Infrastructure" in Conference on Optimized Energy Management Strategies for Electric Vehicles



**Mr. Ram Kr.
Sharma**

- **Published research paper in Conference** on Ethical Algorithms for Machine Learning Based AI Powered Robotics: Ethical Perspective for Covid-19 Like Health Emergencies.



**Ms. Chanchal
Jayant**

Publications:

- **Conference:** LSTM Networks for Time-Series Prediction of Breast Cancer Progression on March 2025.
- MACHINE LEARNING-BASED STRESS DETECTION DEVICE on 29/01/2025.



Mr.Harender
Pratap Singh

- **Published research paper in Conference** on A Predictive Approach For Assessing Medication Responsiveness in Breast Cancer Through Analysis of Gene Data on 22/04/2025.
- **Certificate of “Developing of AI agents on Azure”** on 07/04/2025.
- **Certificate of completion “Developing Responsible Generative AI”** on 08/04/2025.
- **Certificate of completion on “Developing AI solutions on Azure”** on 8/04/2025.



Ms. Varsha
Tyagi

- **Published Research paper** on cloud based AI solutions for personal finance Management, on 08/02/2025.
- **Book chapter** published “AI-Enhanced Cybersecurity for Industrial Automation.”
- **Book chapter published** “ Cloud Computing for Carbon Monitoring and Analytics” Published by IGI Global Scientific Publishing on 2025.
- Certification of Front End Web Developer on 21/02/2025.



Ms. Samridhi
Gulati

PUBLICATIONS:

- **Book Chapter** “ Blockchain and IoT for Secure Carbon Credit Transactions: A Decentralized and Transparent Approach” Published by IGI Global Scientific Publishing on 2025.
- **Book Chapter** “AI and Machine Learning in Carbon Sequestration: Transforming Climate Mitigation Strategies” Published by IGI Global Scientific Publishing on 2025.



Ms. Pallavi
Tyagi

PUBLICATIONS:

- **Research paper** on cloud based deep learning on weather forecasting, paper.
- **Book chapter published** “AI-Enhanced Cybersecurity for Industrial Automation.”
- **Book chapter** “Cloud Computing for Carbon Monitoring and Analytics” Published by IGI Global Scientific Publishing on 2025.
- Certification of Front End Web Developer.

Student Achievements



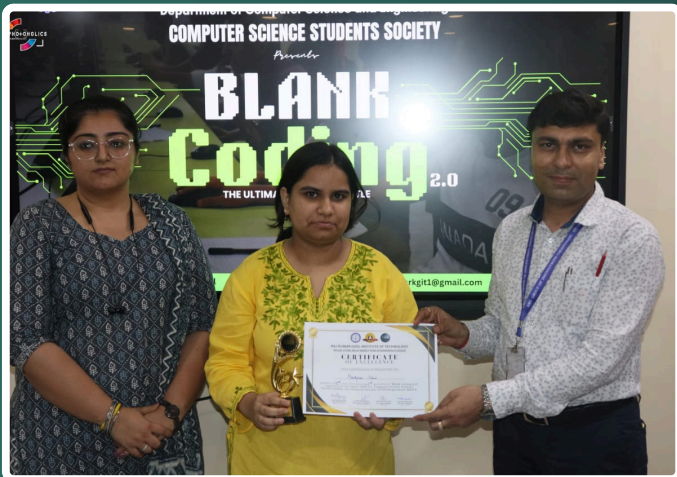
Rohit Kumar of B.Tech CSE 4th year
Qualified **GATE** with **AIR 19312**.

Avinash Dixit of B.Tech CSE 4th year
Qualified **GATE** with **AIR 22719**.



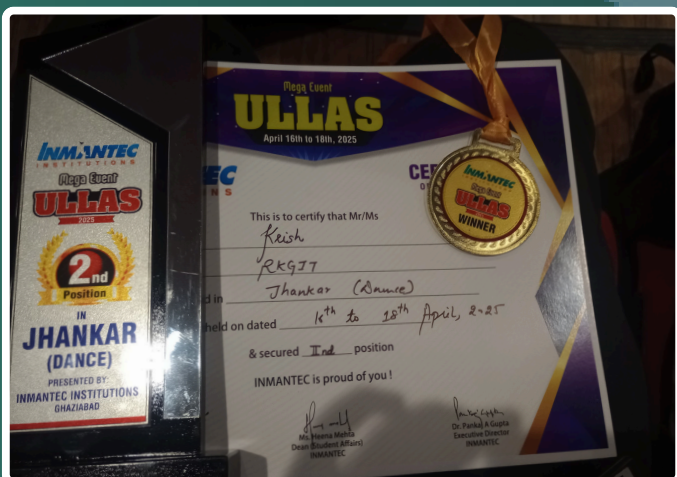
Aryan Patel of B.Tech CSE 2nd year
secured 1st position and won a cash
prize of ₹10,000 in the Inter college
'Hack the Issue' Hackathon at
TECHTRIX'25.

Aditya Maiterya of B.Tech CSE 2nd year secured 1st position in Inter college XLR8 Hackathon.



Mankaran Saini of B.Tech CSE 2nd year Secured 3rd position in BLANKCODING 2.0 Organised by CSSS.

Shreya Rai of B.Tech CSE 3rd year Secured 2nd position in Inter College Volleyball.



Krishna Gupta of B.Tech. CSE 2nd year Secured 2nd position in Jhankar Mega Event ULLAS 2025 at Inmantec Institute, Ghaziabad.

Faculty Corner



To My Students, With Heart

An every curious, eager face,
I find my joy, my truest place.
To guide your dreams, both big and small,
To lift you up if ever you fall.

Each question asked, each doubt you share,
Is met with wisdom, love, and care.
For every lesson that I teach,
I learn from you, from all you reach.

Through sleepless nights and efforts deep,
You sow the goals you wish to reap.
Your courage, strength, and rising voice,
Have made this path a precious choice.

You are the light, the rising sun,
A journey that's just now begun.
Walk proud, walk kind, walk strong and free
The future shines through each of thee.

With every step, I walk beside,
With patience, faith, and teacher's pride.
May you be bold, may you be wise,
And reach for dreams that touch the skies.

~SAMRIDHI GULATI



Dream. Code. Rise.

In every line of code you write,
I see your future taking flight.
Through bugs and loops, you learn and
grow,
With every step, new strengths you show.

Ideas shine in curious minds,
A world of wonders your logic finds.
From classrooms bright to labs so wide,
You walk with courage, hope, and pride.

Don't fear the fall, don't dread the test,
Each challenge brings out your very best.
Create, explore, and never cease —
You hold the power to code for peace.

Your dreams are bold, your spirit high,
With wings of will, you're meant to fly.
So lead with heart and rise above,
With knowledge deep and work you love.

~VARSHA TYAGI

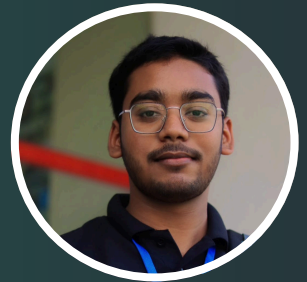


STUDENT CORNER



Your journey won't always be loud,
but your results will make all the noise.
Stay focused, stay hungry the future belongs
to those who prepare for it today.

Don't stop when you're tired.
Stop when your vision starts becoming real.



~SHIKHAR GUPTA

"Greatness isn't about being perfect,
it's about being consistent when no one's
watching.
With every failure, you're getting sharper,
and with every try, you're building a legacy."



~ HARSH SHRIVASTAV



PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
1.	ACXIOM CONSULTING	• SAMBHAV PAL	1	3
2.	AKS IT SERVICES PVT.LTD	• ADITI GUPTA	1	4.5
3.	CENTILYTICS/ZARTHI	• AISHWARYA SINGH • PRATEEK SINGH	2	• 7.76 • 6.73
4.	COGNIZANT	• ABHIJEET JAISWAL • ABHISHEK • ADITYA KUMAR CHAUDHARY • AKANSHA SHUKLA • AKSHAT RAWAT • MANSHI KUMAR SINGH • PRIYANKA PATHAK • RETESH SIROBI • SAURABH PANDEY	9	4
5.	COLLABERA TECHNOLOGY	• DOLLY SONI • HARDIK SHARMA • HARSHITA SRIVASTAVA	3	3
6.	DATA NOVA	• AMAN • MADHAV AGARWAL • PAYAL KUMARI	3	3
7	DIGIVIVE SERVICES	• AYUSH MISHRA • PRAFULL MISHRA	2	2.9
8.	DIRACERP	• ABHIJEET JAISWAL	1	2.8
9.	E2E RESEARCH	• MANISH KUMAR SINGH	1	3

PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
10	EDUSTATION	• ALOK KUMAR • AMAN PRAJAPATI • ANANT MISHRA • ANURAG YADAV • ARCHIT PAL • ARUN KUMAR • BASANT PANWAR • CHANDAN KUMAR • HARDIK SHARMA • HARSH RANJAN BHATT • HIMANSHI SHARMA • JATIN CHAUDHARY • JIYA • KARTIKEY TOMAR • KRITIKA BARALIYA • KRITIKA GUPTA • MAHIKA TYAGI • MD FAISAL • MOHD ABBAS HAIDER RIZVI • MOHD FIROZ QURAISHI • NANDINI SHRIVASTAV • NEHA • NILESH MANI TRIPATHI • REYAJUL ALAM • ROHIT KUSHWAHA • SALONI GUPTA • SAMBHAV PAL • SHEETAL DESHWAL • SHIPRA PANDEY • SHUBHAM RAUTELA • SHUDHANSHU SHEKHAR • TANU SINGH • TITIKSHA DWIVEDI • VANSI KABARIA • YATIN TYAGI	34	6
11	ELYSION SOFTWARE	• KARTIK GUPTA	1	1.8
12	FIELD ASSIT	• ALOK KUMAR • ABHINAV CHAUBEY • ASHWANI RAI • KHUSHI VERMA • MOHD ARSH JUNAID	5	2.4

PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
13	GREAT DEVELOPER	- KUSH - PRIYA KUMARI SINGH - RIYA SHARMA - SABRA JAIN - TRIPTY THAKUR	5	3.25
14	HCL TECH	- ANURAG SINGH - ADITI GUPTA - VIVEK KUMAR MAURYA - PRAFULL MISHRA - NAUSHEEN FATIMA - PRERNA SINGH - CHHAMA SHARMA - ANJALI CHAUDHARY - KUSHAGRA SHUKLA - ANSHUL BAGHEL	10	4.2
15	HIKE EDUCATION	- HARSHITA SRIVASTAV - PRATHAM GUPTA	2	6.42
16	I2V SYSTEM	SHERYA JAISWAL	1	3
17	JUNOMONETA FINSOL PVT. LTD.	HARSH SINGH	1	3.6
18	MOVIDU TECHNOLOGIES	- AADI ARORA - AMBER MITTAL - AYUSH ANAND - MUDIT VERMA - MUSKAN TYAGI - SAURABH PANDEY - SIDDHARTH VASHISTHA - TARANG PANCHAL	8	6
19	NEWGEN SOFTWARE TECH.	SHIRIYA DUBEY	1	4
17.	NTT DATA	- HARSHITA SHARMA - PRIYA KUMARI SINGH	2	3
18.	ODOO IN PVT. LTD	SABRA JAIN	1	5
19.	PAYTM	- ABHAY PRATAP VERMA - DIVYA CHAUDHARY	2	3

PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
20.	PLANETSPARK	- RITIK YADAV - ANSHI SAXENA - AARTI MISHRA - HIMANSHI SHARMA - HARSHITA SRIVASTAVA	5	6.5
21.	QSPIDER	- AARTI MISHRA - ABHINAV CHAUBEY - ADITI PANDEY - AKSHAT RAWAT - ALOK KUMAR - ANANT BAJPAI - ARUN KATIIYAR - ATHARV CHANDEL - AVINASH DIXIT - HARDIK SHARMA - HARSH RANJAN BHATT - ISHAN MEHRA - KHUSHI VERMA - NEHA - OM ASWAL - PRIYANSHU MISHRA - RAJ KUMAR MISHRA - SATYAM MISHRA - SAURABH PANDEY - SEEMA BISHT - SHREYA SINGH - SHRUTI DUTT TRIPATHI - SRISHTI GUPTA - TARANG PANCHAL - UNNATI SHARMA - SHIV SAGAR VISHWAKARMA - KARAN DWIVEDI - MOHD FIROZ QURAISHI - NISHANT KUMAR - REYAJUL ALAM - AJEET DUBEY - BASANT PANWAR - HARSH NANDAN CHAUHAN - HEMANT SHARMA - KRITIKA GUPTA - PRATYUSH KUMAR SHARMA	36	3.5

PLACEMENT DATA

S. NO.	COMPANY NAME	NAME OF STUDENT	NO. OF STUDENTS	PACKAGE OFFERED (LPA)
22	REPERIO INFORMATICS	VANSH CHAUDHARY	1	4.8
23	ROUND THE CLOCK TECHNOLOGIES	- AVINASH DIXIT - KESHAV	2	9
24	RINEX TECHNOLOGY	- AAYUSH RAWAL - HIMANSHI SHARMA - NAVEEN KUMAR - PRASHANSHA VARSHNEY - VANSH KABARIA - VIVEK KUMAR GUPTA	6	10
25	STARLIGHT DATA SOLUTIONS PVT. LTD.	- AASHIKA SRIVASTAV - AMOLIKA SINGH - BHUVAN MANI TRIPATHI - ISHITA SRIVASTAVA - ALISHA AGRAHARI	5	3.75
26	SOCOMECE INDIA	GYANESH SHUKLA	1	3
27	TO THE NEW	RISHABH SHARMA	1	4.5
28	XZIANTE COMMUNICATION	- AARTI MISHRA - DISHANK SAINI - HARSHIT RAJ YADAV - PRINCE CHAUDHARY - SHIVAM CHAUDHARY	5	3
29	ZOXIMA SOLUTIONS PVT. LTD.	- AISHWARYA VARDHAN ASHOK - INDRAJ SINGH TEOTIA - TANU SINGH	3	6

EVENTS

ALUMNI TALK

The Department of Computer Science & Engineering, Raj Kumar Goel Institute of Technology, Ghaziabad, organized an Alumni Talk (**Bridging the Gap Between Developers and Operations**) on 01 March 2025 at 11:55 AM in the CSE Computer Lab. The session was conducted by Mr. Satyarth Singh, an alumnus of the 2019–2023 batch and currently working as an SDE at Capillary Technologies, Bengaluru. In this insightful session titled “Bridging the Gap Between Developers and Operations”,

He elaborated on how effective collaboration between development and operations teams leads to faster delivery and improved product quality. Drawing from his own industry experience, he explained the importance of CI/CD pipelines, automation tools, and the mindset shift required for adopting DevOps practices. The session was highly engaging and gave students a clearer picture of real-world industry workflows and expectations.



EXPERT TALKS 4.0

The Computer Science Students Society (CSSS) of Raj Kumar Goel Institute of Technology, Ghaziabad, organized Expert Talks 4.0 on Feb 19, 2025, at 11:00 am. The special guest of this event was **DR. SANDEEP S. INAMDAR** Vice-President at Vishwaniketan.



In the event, Dr. Sandeep Inamdar explained key concepts about the The International Student Internship Program (ISIP) that allows students to gain international exposure and experience in their chosen fields of study. It provides students the opportunity to work in diverse global environments, develop essential skills, and expand their professional network. The program offers students hands-on experience that enhances their career prospects and prepares them for the global workforce.

EVENTS

BLANK CODING 2.0



The Computer Science Students Society (CSSS) of Raj Kumar Goel Institute of Technology, Ghaziabad, organized **Blank Coding 2.0**, an offline event, on April 23, 2025, at 2:20 p.m. The session included coding competition within a timeframe on DSA questions provided on the Hacker Rank coding platform.

The event was organised with the aim of providing participants the platform to showcase their coding skills and compete on the basis of their DSA knowledge. This event report provides an overview of the Coding competition content, activities, and key takeaways.



GUEST LECTURE

The **Binary Club** of CSE Department invited **Mrs. Saumya Singh**, a renowned Software Engineer, Educator, and LinkedIn Top Voice, as the special guest at **BinaryHacks 3.0** on 22/05/2025, known for her impactful work in tech education and career mentoring. Ms. Saumya Singh delivered an inspiring guest lecture, where she shared insights on career growth, coding excellence, and industry readiness.

During her session, Ms. Saumya Singh addressed key challenges faced by aspiring developers, emphasized the importance of continuous learning, and offered practical advice on building a strong professional network. Her talk deeply resonated with the audience, motivating over 200 participants to pursue innovation and personal growth.



EVENTS

WORKSHOP ON INTRODUCTION TO THE BASICS OF SPRING BOOT

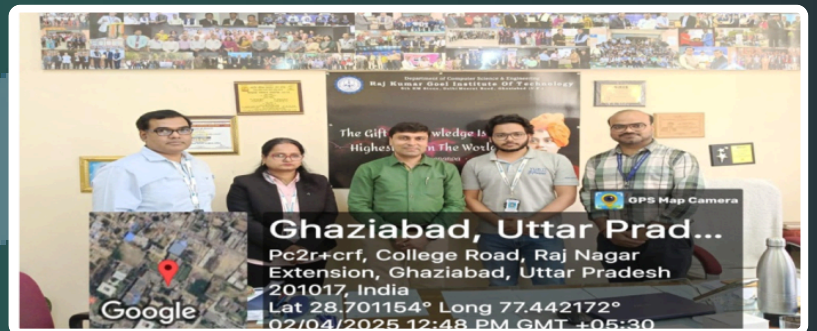
The Department of **Computer Science and Engineering**, in association with Yukti Software, organized a workshop on "Introduction to the Basics of Spring Boot" under the MoU between the two entities. The event took place on 2nd April 2025.

The primary objective of the workshop was to introduce students to the foundational concepts of backend application development using the Spring Boot framework.

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



WORKSHOP ON CYBER SECURITY AWARENESS

The Department of **Computer Science and Engineering**, in collaboration with NS3 Tech Solutions, organized a highly insightful workshop on "Decode Real Cyber Crimes" on 15th May 2025. The session was conducted under the MoU signed between the department and NS3 Tech Solutions, with support from the **Computer Science Student Society (CSSS)**.

The workshop was delivered by Mr. Vivek Gautam, a seasoned Cyber Security Consultant. Participants gained deep insights into modern cyber threats, cybercrime investigations, and strategies to protect digital infrastructure, helping them enhance their understanding of the cybersecurity domain.

Resource Person:

Mr. Vivek Gautam: Cyber Security Consultant, NS3 Tech Solutions



EVENTS

BINARY HACKS 3.0

The Binary Club of the CSE Department at RKGIT hosted a powerful and insightful session on 21 st May 2025 during Binary Hacks 3.0. The talk focused on empowering students with key strategies for career development, coding excellence, and preparing for industry challenges. The 36-hour coding marathon brought together brilliant minds, bold ideas, and boundless energy.



From brainstorming to bug-fixing, breakthrough moments – every second was a celebration of tech, teamwork, and tenacity. As part of this mega event, a special session was conducted on career growth, coding excellence, and industry readiness. The speaker highlighted key challenges faced by aspiring developers, shared personal experiences, and emphasized the importance of continuous learning, adaptability, and building a strong professional network.

ATAL FDP

The Department of Computer Science and Engineering at Raj Kumar Goel Institute of Technology (RKGIT), Ghaziabad, successfully concluded the AICTE-sponsored ATAL Online Faculty Development Programme (FDP) on "Quantum Machine Learning" from 6th to 11th January 2025. The event, organized through the Webex platform, witnessed the participation of 160 academic professionals, researchers, and industry experts from across the country. The FDP featured 13 meticulously designed technical sessions led by distinguished speakers.

RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY
1KM STONE DELHI MEERUT ROAD, NEAR RAJ NAGAR EXTENSION CROSSING, GHAZIABAD, UTTAR PRADESH 201017, INDIA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
is organizing
**AICTE TRAINING AND LEARNING (ATAL) ACADEMY
SPONSORED FACULTY DEVELOPMENT PROGRAMME**

**QUANTUM MACHINE LEARNING:
BRIDGING THE GAP BETWEEN QUANTUM
COMPUTING AND AI**

**January 6th - 11th, 2025
(ONLINE MODE)**

COORDINATOR
Dr Amit Singhal,
Professor & HOD, CSE.
Email Id: amitscse@rkgit.edu.in

CO-COORDINATOR
Dr Pawan Kumar Goel,
Associate Professor, CSE.
E-mail : pgoelcse@rkgit.edu.in

Upcoming Events



RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD
5KM Stone Delhi, Meerut Road, Ghaziabad, Uttar Pradesh - 201017

Department of Computer Science & Engineering

IN ASSOCIATION WITH
NETCAMP
an ISO 9001:2015 Company

presents
SUMMER CAMP 2025

LIVE TRAINING ON-
NETWORKING | WEB DEVELOPMENT | ETHICAL HACKING | ANDROID WITH CORE JAVA

4th - 24th JULY, 2025 | RKGIT CAMPUS

DR. PRAMOD KR. SAGAR
CO-CONVENER

DR. AMIT SINGHAL
CONVENER & HOD-CSE

DR. B. C. SHARMA
DIRECTOR-RKGIT

The Department of Computer Science & Engineering at Raj Kumar Goel Institute of Technology, Ghaziabad, in association with Netcamp is conducting a Summer Camp 2025 from 4th to 24th July at the RKGIT campus. This training program is designed to provide students with in-depth, practical knowledge in key technological areas, including Networking, Web Development, Ethical Hacking, and Android Development using Core Java.

Raj Kumar Goel Institute of Technology, Ghaziabad is organizing the 5th International Conference on Advancement in Electronics & Communication Engineering (AECE-2025) in collaboration with IEEE UP Section (India).

The conference is jointly organized by the Department of Computer Science & Engineering & Department of Electronics & Communication Engineering.

The conference will be held on the 21st and 22nd of November, 2025.



Raj Kumar Goel Institute of Technology
5-KM Stone Delhi, Meerut Rd, near Raj Nagar Extension, Ghaziabad, U.P. 201017

**5th International Conference on
Advancement in Electronics & Communication Engineering
(AECE-2025)**

Technically Co-Sponsored by
IEEE
UP SECTION (INDIA)

21st -22nd November, 2025 | Conference ID:- 67531

Track-1: Communication, Networking and Signal Processing
Track-2: RF, Microwave and MMwave
Track-3: Micro/NanoElectronics Devices and Circuits
Track-4: AI, DS, ML and IoT

Track-5: Power System, Smart Grid & Control System, Robotic and Automation
Track-6: Computer Vision and Pattern Recognition
Track-7: Cybersecurity and Information Assurance
Special Session on "Industry 5.0 – Human-Centric Next Generation Manufacturing"

Submission Link: <https://cmt3.research.microsoft.com/AECE2025>

Jointly Organized By:
Department of Electronics & Communication Engineering (Accredited By NBA)
Department of Computer Science & Engineering

Website Link: <https://aece2025.rkgitedu.in/>

bytescse@rkgit.edu.in

INDUSTRIAL VISITS

NS3 TECH SOLUTIONS

Gurgaon-122001

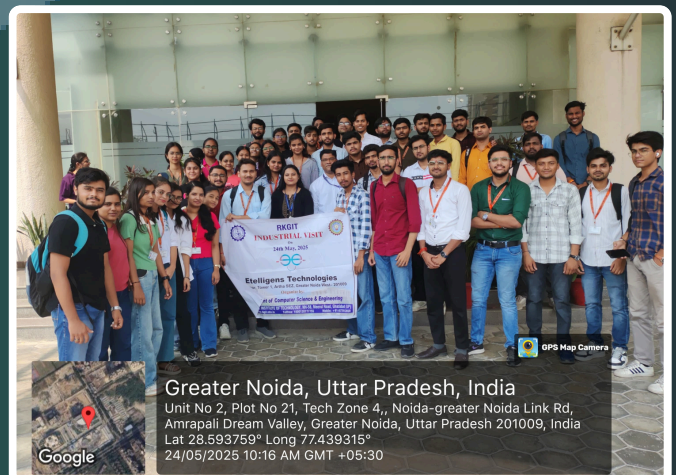


The Computer Science and Engineering Department has organized an industrial visit at NS3 Tech Solutions, Gurgaon on 12-04-2025 and 26-04-2025 for 3rd year.

ETELLIGENS TECHNOLOGIES

Greater Noida-201009

The Computer Science and Engineering Department has organized an industrial visit at ETELLIGENS TECHNOLOGY, Greater Noida on 24-05-2025 for 2nd year.



FDP DONE BY FACULTIES

S.No.	Faculty Name	Title of FDP
1	Dr. Pramod Kumar Sagar	• Microsoft Power BI Data Analyst Associate • Research and Innovation with AI and its Applications • Research and Write with AI Assistance • Cyber Security Threats & Legal Issues • Pedagogy and Assessment in Higher Education • Open PLC with LDMicro • Netcamp Winter workshop
2	Ms. Dipti Goel	• Quantum Machine Learning: Bridging the gap between Quantum Computing and AI.
3	Dr. Gaganjot Kaur	• Principles of Outcome Based Education • Deep Learning Intelligent Video Analytics and Computer Vision • Faculty Enablement Program on Frontend Web Technologies • Faculty Enablement Program on Artificial Intelligence • Blockchain & Web3 • Faculty Enablement Program on Artificial Intelligence
4.	Mr. Harender Pratap Singh	• Cyber Security Threats & Legal Issues • Blockchain & Web3 • Preparing students for placement and higher studies

S.No.	Faculty Name	Title of FDP
5.	Mr.Ram kr. Sharma	- Fundamentals of Python Programming - Blockchain & Web3 - Cyber Security - Gen AI & Chat GPT Application in the Industry
6.	Ms.Vertika Agarwal	Quantum Machine Learning: Bridging the Gap Between Quantum Computing and AI
7.	Dr.Pawan Kumar Goel	- Unleashing Generative AI: Techniques and Applications - Quantum Machine Learning: Bridging the Gap Between Quantum Computing and AI - Advancements in AI for healthcare and medical imaging - Cyber Security organized - Blockchain & Web3

MOOCs/NPTEL/Coursera Courses -

S.No.	Faculty Name	MOOCs/NPTEL / Coursera	Course Name	Dated
1.	Harender Pratap Singh	NPTEL	Machine Learning, ML	Jan- mar- 2025

MEMORIES

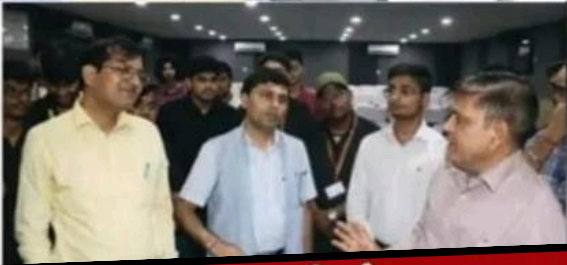


News Bytes

आर के जी आई टी में सफलतापूर्वक आयोजित हुआ आई ई ई ई एस ए सी वालंटियर मीट एवं स्टूडेंट डेवलपमेंट प्रोग्राम



गाजियाबाद। राज कुमार गोयल इंस्टीट्यूट ऑफ टेक्नोलॉजी, गाजियाबाद में आई ई ई ई छात्र शाखा एवं एस ए सी आई ई ई ई उत्तर प्रदेश संस्थान के संयुक्त तत्वावधान में एस ए सी वालंटियर मीट एवं स्टूडेंट डेवलपमेंट प्रोग्राम का सफल आयोजन किया गया। उत्तर प्रदेश के विभिन्न



संस्थान में किंग डायरेक्टर), डॉ. बी. सी. शर्मा एवं एच. जी. गर्ग (डीन

बाइनरी हैक्स 3.0: नवाचार और तकनीकी उत्कृष्टता का उत्सव

उजाला संवाददाता
गाजियाबाद। राज कुमार गोयल इंस्टीट्यूट ऑफ टेक्नोलॉजी, गाजियाबाद के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग में बाइनरी क्लब और आई ई ई ई ई साझेदारी में कॉलेज हैक 3.0 सफलतापूर्वक आयोजित हुआ। यह दो दिवसीय कार्यक्रम कोडिंग, नवाचार करने का सशक्त



विदाई समारोह में शामिल शिक्षक व विद्यार्थी।

आरकेजीआईटी में विश्व पर्यावरण दिवस का आयोजन उत्साहपूर्वक

गाजियाबाद, (अनिल वशिष्ठ)। राज कुमार गोयल प्रौद्योगिकी संस्थान में विश्व पर्यावरण दिवस 2025 का उत्सव झरियाली के संकल्प के साथ विद्यार्थियों और शिक्षकों की भागीदारी राज कुमार गोयल प्रौद्योगिकी संस्थान गाजियाबाद में विश्व पर्यावरण दिवस का आयोजन उत्साहपूर्वक किया गया। इस अवसर पर सभी विभागाध्यक्ष, डीन, संकाय सदस्य एवं विद्यार्थी बड़ी संख्या में उपस्थित रहे और पर्यावरण संरक्षण के प्रति अपनी प्रतिबद्धता व्यक्त



छात्राओं ने दी प्रस...
राज कुमार गोयल इंस्टीट्यूट ऑफ टेक्नोलॉजी में आयोजित किया गया। इसमें छात्राओं ने एक से बढ़कर एक प्रतियोगिताएं भी आयोजित हुईं। राज कुमार गोयल, ग्रुप एडवाइजर डॉ. लक्ष्मी चौहान, डायरेक्टर डॉ. बी. सी. शर्मा, एस. एस. ब्रांच के छात्र अविनाश को छात्रा तनु राणा को मिस फेयर चिह्न भेंटकर सम्मान किया। इस अवसर मौजूद रहे। संवाद

क्वांटम मशीन लर्निंग पर संकाय विकास कार्यक्रम (एफडीपी) का आयोजन

गाजियाबाद। राज कुमार गोयल प्रौद्योगिकी संस्थान (आरकेजीआईटी) गाजियाबाद में कंप्यूटर विज्ञान और इंजीनियरिंग विभाग ने 6 से 11 जनवरी 2025 तक "क्वांटम मशीन लर्निंग" पर एआईसीटीई द्वारा प्रायोजित अटल ऑनलाइन संकाय विकास कार्यक्रम (एफडीपी) का सफलतापूर्वक समापन किया। वेबेक्स प्लेटफॉर्म के माध्यम से आयोजित एक सप्ताह के कार्यक्रम में देश भर के 160 अकादमिक पेशेवरों, शोधकर्ताओं और उद्योग विशेषज्ञों ने भाग लिया। एफडीपी में क्वांटम कम्प्यूटिंग संकाय के



जनवरी को समापन सत्र में सप्ताह के प्रमुख पहलुओं पर प्रकाश डाला गया और प्रतिभागियों और वक्ताओं के अमूल्य योगदान को स्वीकार किया गया। 80% उपस्थिति और मूल्यांकन में 70% के न्यूनतम स्कोर के मानदंडों को पूरा करने वाले प्रतिभागियों ने अटल पोर्टल के माध्यम से अपने प्रमाण पत्र प्राप्त किए। आरकेजी आईटी प्रबंधन, जिसमें वाईस चेरमैन अश्वतथ गोयल, समूह सलाहकार डॉ. लक्ष्मण प्रसाद, एग्जीक्यूटिव निदेशक डॉ. डी के चौहान, निदेशक डॉ. बी सी शर्मा और डीन एकेडेमिक्स डॉ. आर. के. 0 यादव ने नवाचार और अकादमिक

फेयरवेल पार्टी का हुआ आयोजन



■ NBT न्यूज, गाजियाबाद फाइनल ईयर के स्टूडेंट्स के फेयरवेल व तनु राणा को मि ईयर के स्टूडेंट्स को गिफ

वालाटयर माट एव स्टूडेंट डेवलपमेंट प्रोग्राम आयोजित



● जूनी ऑफ सकोस

आरकेजीआईटी में बाइनरी टेक वीक का किया गया भव्य आयोजन, छात्रों ने दिखाया नवाचार और तकनीकी कौशल



गाजियाबाद। राज कुमार गोयल इंस्टिट्यूट ऑफ टेक्नोलॉजी, गाजियाबाद के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग द्वारा बाइनरी टेक वीक का सफल आयोजन किया गया। इस आयोजन का उद्देश्य विद्यार्थियों को तकनीकी ज्ञान के साथ व्यावहारिक अनुभव प्रदान करना था। बाइनरी टेक वीक के दौरान बाइनरी टेक ऑक्शन

संपूर्ण संचालन बाइनरी क्लब द्वारा विकसित एक स्वनिर्मित डिजिटल प्लेटफॉर्म के माध्यम से किया गया। सभी प्रतिभागियों को एक विशिष्ट लॉगिन प्रदान किया गया, जिससे वे तकनीकी प्रश्नों पर खोजी लगा सकें, अपने उत्तर सॉल्व कर सकें और लाइव लीडरबोर्ड के माध्यम से अपनी रैंकिंग की स्थिति वास्तविक समय में देख सकें। इस नवाचारी व्यवस्था ने न केवल प्रतिभागिता में पूर्ण पारदर्शिता सुनिश्चित

की, बल्कि विद्यार्थियों को तकनीकी उपकरणों के व्यावहारिक अनुप्रयोग का वास्तविक अनुभव भी प्रदान किया। कार्यक्रम के समापन पर, सर्वोच्च अंक अर्जित करने वाली टीम को विजेता घोषित किया गया और उन्हें ट्रॉफी, मेडल तथा प्रमाण पत्र प्रदान कर सम्मानित किया गया। इस पहल ने छात्रों में नवाचार, तकनीकी दक्षता और टीम भावना को प्रोत्साहित करने की दिशा में एक महत्वपूर्ण कदम सिद्ध किया। इस

आयोजन का मार्गदर्शन डॉ. अमित सिंघल (विभागाध्यक्ष, सीएसई विभाग) ने किया तथा विनीत श्रवास्तव ने फेकल्टी कोऑर्डिनेटर की भूमिका निभाई। समापन समारोह में वाईस चेरमैन अश्वतथ गोयल, एग्जीक्यूटिव डायरेक्टर डॉ. डी. के. चौहान, डायरेक्टर डॉ. बी. सी. शर्मा, डीन एकेडेमिक्स डॉ. आर. के. यादव एवं डॉ. रामेंद्र सिंह ने बाइनरी क्लब टीम को इस उत्कृष्ट आयोजन के लिए बधाई दी।

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bytescse@rkgit.edu.in

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