



Chandigarh Engineering College Jhanjeri

Jan-June 2021

S. Rashpal Singh Dhaliwal

President



I extend my warmest greetings as we unveil the latest edition of our newsletter. Crafting our strategic plan has underscored the paramount importance of robust internal communication. Through this newsletter, we aim to spotlight the exceptional achievements of our students and the vibrancy of college activities. We are proud to be a driving force in shaping the careers of our students and providing strength to families and communities. Let this newsletter be a window into the collective dedication and success of CEC.

Mr. Arshdeep Dhaliwal

Managing Director



As we unveil our newsletter, I am excited to observe the realization of dedicated efforts aimed at elevating internal communication. The narratives of collaboration, inclusivity, and significant contributions to the Indian education system stand as proof of our collective dedication. Our faculty and students form the core of our success, and I am eager to showcase their accomplishments in this edition. Here's to a year marked by ongoing growth, innovation, and excellence.

Prof(Dr.) Anish Gupta

Director Engineering



I am deeply honored to be part of an institution committed to academic excellence and holistic development. Our mission is to provide a transformative educational experience that empowers students to excel in their chosen fields while becoming responsible global citizens. At CEC Jhanjeri, we aim to combine rigorous academics with practical, industry-aligned skills, ensuring that our graduates are well-prepared to lead and innovate. We are proud of our journey toward becoming a leading educational institution in the region and remain committed to pushing boundaries to create a brighter future for our students and society.

Dr. Rini Saxena

(HOD CSE)



“As the Head of the Department of Computer Science and Engineering, it is a privilege to address you. Together, we will explore technology and innovation, and I believe that with dedication, we can achieve greatness. This department is about fostering curiosity, resilience, and continuous learning. I encourage you to embrace opportunities, challenge assumptions, and aim for excellence. Your potential is limitless, and I look forward to your growth and contributions to the field. Let’s shape the future together. Wishing you success in your academic and professional journeys.”

Department of Computer Science and Engineering

VISION

To provide imperative skills to students for meeting industry needs, and to become responsible engineers, entrepreneurs, and citizens.

MISSION

- To educate the students in the field of computer science with ever-changing technologies and skills.
- To enable the students to solve real-time problems and make use of new technologies.
- To have industry collaboration and interaction with professional societies for continuous development.
- To help students in becoming successful entrepreneurs.

Programme Educational Objectives (PEO's)

PEO1: Become competent computer professionals.

PEO2: Have abilities to analyze the requirements of software and provide solutions through efficient product design.

PEO3: Have a successful career and meet the requirements of Indian and other Multi-National Companies.

PEO4: Have exposure to advanced technologies, technical skills, and opportunities to work as team members on multidisciplinary projects.

Programme Specific Outcomes (PSO's)

PSO1: To use principles of Computer Science & Engineering (such as software engineering, computer networks, data structures & computer programming high level languages) for developing software solutions.

PSO2: To clearly understand the concept of programming languages, computer architecture and their applications in different field of technologies to develop cost-effective solutions in the area of computer science by the use of various methodological algorithms and different tools.

Program Outcomes(PO's)

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

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

PO3: Design/Development of Solutions: Design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4: Conduct investigation of Complex Problems: Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations

PO6: The Engineer and Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

PO7: Environmental and Sustainability: Understand societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PO9: Individual and Teamwork: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

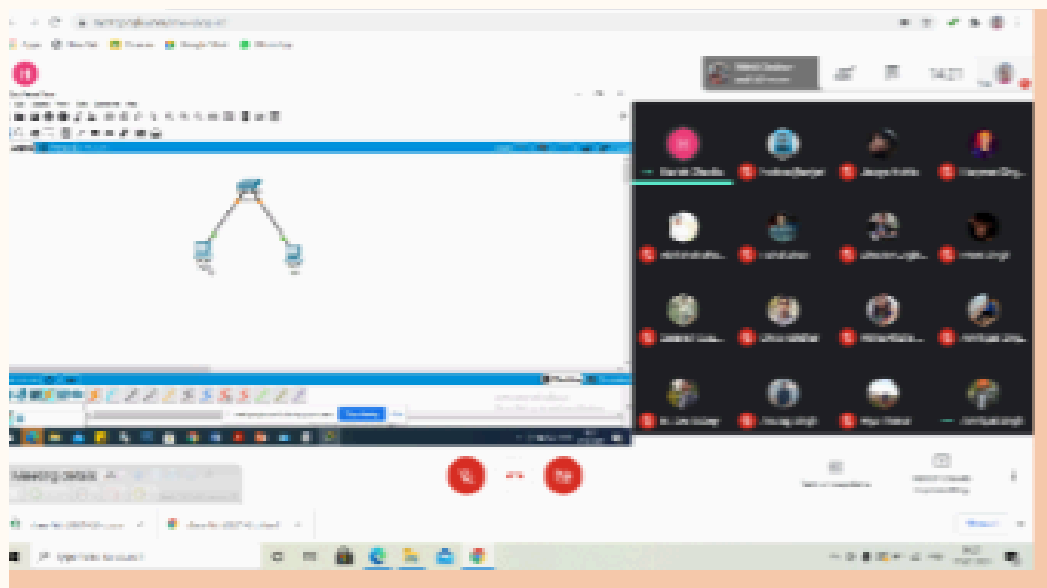
Workshop

Date: February 17th and 18th, 2021,

The “i-Technocrat” Club at Chandigarh Engineering College organized a two-day workshop on “Virtualization in Operating Systems” for second-year students via G-Meet.

The event featured a welcome of Mr. Harish Chawla from Ecomoceana Technologies, who discussed the importance of virtualization in data centers and cloud environments.

Mr. Chawla gauged students’ knowledge and conducted a practical demonstration on how virtualization works through hypervisors. The workshop aimed to enhance understanding of how virtualization separates applications and data from hardware. Key topics included the benefits of flexibility and the security risks associated with virtualization, particularly the increased risk of data breaches.

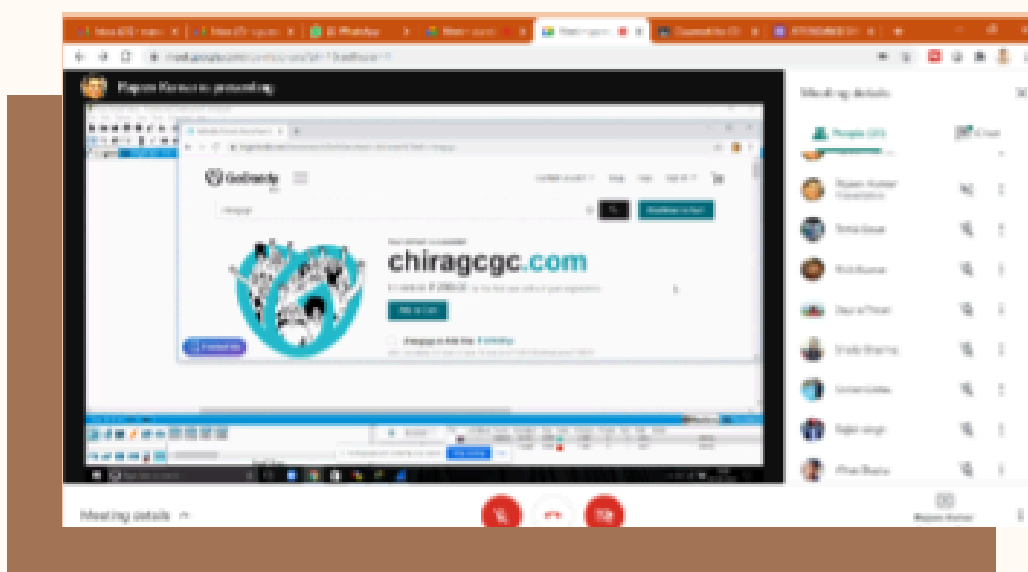


Seminar on Cloud Computing

Date: March 4, 2021

The Chandigarh Engineering College hosted a workshop on "Cloud Computing" for the i-Technocrat club in the Computer Science Engineering department, conducted by A2IT Pvt. Ltd. The e-workshop on Google Meet featured an introduction by the Head of the Computer Science Engineering department.

Mr. Rajeev Kumar, IT Head Manager, discussed the basics and future potential of Cloud Computing, which allows on-demand access to shared computing resources via the Internet.



Expert Talk

Date: March 8, 2021

The i-Technocrat Club of the CSE Department organized an expert lecture on “Machine Learning Framework for Computer-Aided Diagnosis Systems” on March 8, 2021, aimed at third-year students. The keynote speaker for the session was Dr. Arun Balodi, Head of the Department of ECE at Atria Institute of Technology in Bangalore.

Dr. Balodi has over eight years of teaching experience and earned his Ph.D. from IIT Roorkee. He received a Gold Medal for his M.Tech and was honored with an Academic Excellence Award in both 2010 and 2011. His research areas include Digital Signal and Image Processing, Medical Image Analysis, Machine Learning, and Pattern Recognition. He has actively participated in more than 17 faculty development programs and over 50 webinars, in addition to publishing numerous papers.

Faculty Achievements

Sr. No.	Faculty Name	Type of Achievment	Achievements
1	Dr. Rini Saxena	Training Programmes and Webinars	Completed online FDP on “Data Sciences” at Sri Sai Ram Institue of Technology
		Training Programmes and Webinars	Completed online FDP on “Computer Sciences and Biology” at Kakatiya Institute of Technology and Sciences.
		Training Programmes and Webinars	Completed online FDP on “Smart Cities” at Dayananda Sagar Academy of Technology and Management
		Research Publication	Published a paper, “A comprehensive study of decentralised cloud storage platforms–A review”
2	Ms. Parminder Kaur	Research Publication	Published a paper, “A comprehensive study of decentralised cloud storage platforms–A review”
		Research Publication	Published a paper, “Key aspects of autonomous driving software”
3	Ms. Rohini Mahajan	Training Programmes and Webinars	completed R programming under Internshala Trainings Faculty Development Programs
		Research Publication	Published a paper, “A comprehensive study of decentralised cloud storage platforms–A review”

Our Top Recruiters



Success Summits



Kiran Chaudhary
Company Placed In: Bank Of America
Ann. Package: 8.5 LPA



Md Mansur
Company Placed In: Cubastion Ltd.
Ann. Package: 7.2 LPA



Sahil Gupta
Company Placed In: Capegemini
Ann. Package: 6.8 LPA

Editorial Desk

Dr. Rini Saxena



Ms. Parminder Kaur



Ankur



Rohit

Our Social Media



<https://www.facebook.com/ChandigarhGroupOfCollegesJhanjeri>

<https://twitter.com/cgcjhanjeri>



<https://www.instagram.com/cgcjhanjeri>