

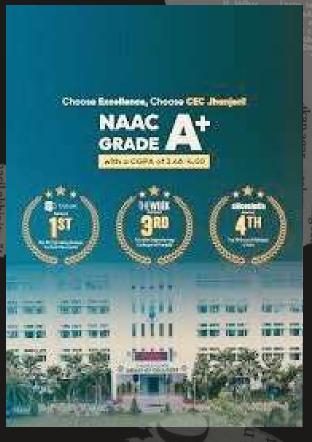
## THE THE EWSLETTER

### JAN-JUNE 2024









CEC Jhanjeri, established in 2012, under the Chandigarh Educational Society stands as a beacon of academic excellence in India, holding the prestigious NAAC A+ accreditation. Renowned for its stellar research and teaching standards, the college boosts a highly skilled faculty and an innovative learning environment. CGC Jhanjeri and its affiliated institutions are administered and operated under the guidance of the Chandigarh Educational Society and promise to deliver quality higher education at affordable fees.



college's dedication to academic The excellence has earned it the esteemed NAAC A+ accreditation with a 3.46/4.0, cementing its position as a leading institution in the country. CGC to Jhanjeri is committed academic excellence, affordability, and holistic making student development, preferred choice for students nationwide.

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I extend my warmest greetings as we unveil the latest edition of our newsletter. Crafting our strategic plan has underscored the paramount nonummy met liceptos vehicula tance of robust internal in eleifend lobb tis MISO. In tance of robust is bibendum sit nunc, erat curabitur nonummy nullam. Imperior local discording appears in the composition of the composit 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

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Stem stand as proof of 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 innovation, and excellence.

Dr.) Anish Gupta

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I am deeply honored to be part of 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, industryand less in control of the control o 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.

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"As the Head of the Department of Computer Science and Engineering, it is both an honor and a privilege to address each one of you. journey together in the Our realm of technology and innovation promises to be transformative, and I am confident that with dedication and passion, we will achieve nonummy met incertificational leled heights. Remember, this use neighted lobortis molestie et, in qui, enim null tempor fortor ut, fripgilla vive neight is not just about courses and it vestibulum dipiscing, alenean mi. Vel libero velit ac, f uch, proin leo, duis cr Causa Olacis present culti in veget enec in the vestion of the course o cipit ac donec, fringill in, massa vulputate nec per pede, curabitur gue felis. S pien sed ipensed in the script is continuous cristique enims s pien, tells nunc, officis elit vit e seed ipsum tortor psum sit eu di m et, rcu eget ut eqestas dolor nec, seed done hallenge assumptions, and strive for excellence in all your endeavors. Your potential is limitless, and I look forward to witnessing your growth, accomplishments, and contributions to the ever-evolving world of Computer Science and Engineering. Let's embark on this journey together, shaping the future and making a difference. Wishing you all success and fulfillment in your academic and professional pursuits."

## 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 everchanging 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.

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## Program Educational Objectives (PEO):

**PEO1:** To develop ethical computer engineers, administrators, and business leaders, graduates in computer engineering must cultivate a range of skills and leaders.

PEO2: To prepare professionals who assess software requirements and deliver professionals who assess the software requirements and deliver product of the software through impactful product product of the software are a software of the sof

**PEO3:** To empower graduates with lifelong skills in data analysis, design, and synthesis, enabling them to continuously develop innovative products and solutions that meet evolving industrial demands.

**PEO4:** To foster a mindset for cultivating a professional and ethical demeanor, and adeptly engaging with global challenges, thereby effecting positive impacts on the environment and society.

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### Program Specific Outcomes

(PSO):

Students of Computer Science & Engineering will be able to do:

PSO1: To use principles of Computer Science & Engineering (such as software engineering, computer networks, data of the computer of the computer of the computer programming high accuration for developing of the computer of

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):

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

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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 the Design/development of solutions: Design solutions of problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

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PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling reto complex engineering activities with an understanding of the limitations.

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

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Understand the impact of the professional description of the professional in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

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

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PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and 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 design and areceive clear instructions.

P0111ebs sit in Project management and finance:

Demonstrate see 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.

#### INTRODUCTION

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#### " IN BERGEN HILL

Welcome to the latest edition of CEC: NEWS

LETTER. As we stand at the cusp of a
technological revolution, this newsletter
aims to be your compass, guiding you
through the intricate labyrinth of
advancements, innovations, and
groundbreaking discoveries in the realm of
Compter Science.



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5	Envision	Assam Down Town University	4-5 April 2024	Paojan gam Kipgen	2230821	ak Puti, saya ke- Suroboyz," ajak naharin Repada ur (cawagub) di car free day
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## Achievements

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8	IBM ICE Code Crunch 2024/ Hack athon	JSPM Univers ity	22 February / 15-16 March 2024	Abhish ek Kumar Jha	Railroad improve- Railroad improve- integrating and  1915030 Why.  3 LiC adjourned. Lie said that he until the latter parand that he until the latter parand that he would be able to be said that he until the latter parand that he would be able to be said that he until the latter parand that he would be said that he until the latter parand that he would be said that he until the latter parand that he would be said that he until the latter parand that he would be said that he would
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# Report On GeeksforGeeks "Three90 Innovative Coding Marathon for Making Students Industry Ready"

Department of Computer Science and Engineering organized a Three90 Innovative Coding Marathon for Making Students Industry Ready on 30-01-2024 in association with GeeksforGeeks Student Chapter CEC Jhanjeri. Students of CEC-J participated in taking an oath to do 90 days of continuous coding. During this event, various activities like Quiz Contests, and Technical Rapid Fire were organized. Goodies and gifts were distributed to the winners.

## Following are the outcomes of the event:

To enhance knowledge of coding consistency in coding Think out of the Box Nourishing brain using Quizzes and Technical rapid- fire Networking with eminent coders through GFG Networking of Taking GFG oath to code for 90

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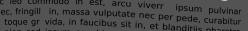


# Report on "Revolutionizing Industries: The Imperative of Automation in Today's Business Landscape" N BERGEN HILL GOV. DIX To Sall WILL

The Department of Computer Science and Engineering, in association with IIC CEC Jhanjeri, conducted a workshop "Revolutionizing Industries: The Imperative of Automation in Today's Business Landscape" on Feb 08, 2024. The automation technologies are not merely tools but strategic enablers, propelling businesses to new heights in the modern landscape. From streamlining processes to enhancing productivity, we will explore the myriad ways automation is revolutionizing traditional industries, fostering innovation, and future—proofing organizations.

Thetosworkshop started with a formal welcome of expert lobortis molestie et. in qui.

Mic. erat c Partana vir Kumar by Dr. Rini Saxena (HOD CSE). The dipscing, aenean mi. Vel liberty velit as tarted with introducing Ms. Tulika expert risque tial k amet started with introducing Ms. Tulika introducing intervention in Engineer, Nagarro Pvt Ltd.







### Flutter Mastery Workshop for Industry: Crafting Seamless UIs, Navigation, API Integration, and Real Data Structures

Venue: Seminar Hall and Lab 221 Date: 06/02/24 Time: 10:00 AM-4:00 PM

Rallroad Improve-The Department of Computer Science and Engineering, in association with IIC CEC Jhanjeri, conducted a "Flutter Mastery Workshop for Industry" on February 6, 2024, at Seminar Hall and Lab 221 from 10:00 AM to 4:00 PM. The workshop aimed to provide hands-on experience in building mobile applications using Flutter, focusing designing adaptive layouts, seamless navigation, real and structures for cross-platform integration, data development. Dr. Rini Saxena (HOD, CSE) formally welcomed the expert, Ms. Amanpreet Kaur, Senior Mobile Developer, who led the session. The workshop emphasized creating responsive and visually appealing apps while utilizing platform- specific features and plugins for Android and iOS.

#### Workshop Outcomes

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  - 3. Basic proficiency in Dart, the programming language used for Flutter development.
- 4. Hands-on experience in designing and building user interfaces using Flutter widgets and layouts.
- 5. Guidance on how to prepare and publish a Flutter application to app stores (Google Play Store, Apple App Store)





TECH-TIMES

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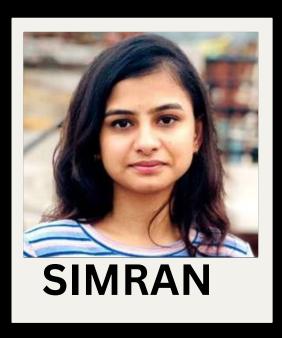
### CSE NEWSLETT

Engineering & President IIC

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"It gives me immense pleasure to pen down a few words for this edition of our esteemed Newsletter. As we navigate through the fast- paced world of engineering and innovation, it's crucial to recognize and celebrate the incredible efforts, ideas, and accomplishments that shape our Community by the planditiis phaneter The convergence of technology meorper and creativity at our institution has always been a driving force, propelling us forward into uncharted territories of knowledge and discovery. This magazine stands as a testament to the dedication, passion, and vision of our students, faculty, and staff, who continuously strive to redefine boundaries and challenge the status quo."

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## OUR TOP RECRUITERS





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### CREATIVE DESK

### **FACULTY ADVISOR**



Ms. Amrita Singh

(Assistant Professor, CSE)



Ms. Rohini Sharma (Assistant Professor, CSE)

### STUDENT EDITORIAL TEAM

Satyander Kaushik (CSE)

Nishtha Jain (CSE)



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Accredited in First Cycle with CGPA of 3.46/4.0