



**CHANDIGARH**  
**GROUP OF COLLEGES**  
Building Careers. **Transforming Lives.**

## The Communiqué

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*An Institution of Excellence*

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### ***Vision of the Chandigarh Engineering College- CGC Landran***

To become a leading institute of the country for providing quality technical education in a research based environment for developing competent professionals and successful entrepreneurs.

### ***Mission of the Chandigarh Engineering College- CGC Landran***

1. To provide state of the art infrastructure and engage proficient faculty for enhancing the teaching learning process to deliver quality education.
2. To give a conducive environment for utilizing the research abilities to attain new learning for solving industrial problems and societal issues.
3. To collaborate with prominent industries for establishing advanced labs and using their expertise to give contemporary industry exposure to the students and faculty.
4. To cater opportunities for global exposure through association with foreign universities.
5. To extend choice based career options for students in campus placements, entrepreneurship and higher studies through career development program.





**Dr. Jagtar Singh Khattra**  
**Director Academics**

Education should not be limited to the four walls of a classroom. The purpose of education is to provide people the tools they need to see beyond the boundaries of human vision and to comprehend how the universe grows organically. This helps people prepare for their roles in the greater scheme of things and perform them effectively. Education is a process that aims to convert us into the best versions of our thoughts, feelings, and actions. It's for our own liberation from ignorance, harm, and parasitism. Its goal is to produce intelligent, empathetic, and cultured people who can work effectively.

As a Director Academics of Chandigarh Group of Colleges, it is my great honour and pleasure to convey that our institution is working tirelessly to provide the finest possible service to the country. The fact that our institution has consistently made exceptional advancements in academics, co-curricular activities, and extracurricular pursuits is a source of great pleasure. I'd want to thank everyone who contributed and the editorial staff for creating such a fantastic publication.



**Dr.Harpal Singh**

**Professor & Head, Applied Sciences Department**

CEC-CGC Landran is an excellent institution. The Institute puts in a lot of efforts to instil in its students a love for learning and creativity. Words, in my opinion, fall short for describing the magnificence of this institution. It is always a pleasure to work with a team that seeks to maximise the potential of both the staff and students. As Chandigarh Engineering College- CGC Landran has continuously strived to stay a step ahead of the competition, the results speak for themselves. The college magazine, which highlights the numerous events held by the various departments of the college, serves as an illustration of the voyage across. The editorial staff should be commended for their tireless work in creating this publication.

Apart from this, I would like to extend a very warm welcome to all the students of B.Tech 1<sup>st</sup> year. I hope your journey here at CGC would be a pleasant one to be remembered and cherished forever.



***From the Editor's Desk....***

The college magazine is in your hands. It is a mirror that reflects the multifarious activities of the college. I sincerely appreciate the incredible support and cooperation from the editorial team, HODs, all of my coworkers, students, and the college administration in bringing this newsmagazine to our readers.

Every issue of our college magazine serves as a milestone that documents our development, lets our imaginations reign supreme, and breathes life into our ideas and objectives. Communiqué is a flawless synthesis of original thought, creativity, knowledge, and wisdom that resonates in the hearts and minds of many stakeholders.

Once again, through this magazine I would like to convey my thanks to all for their unstinted cooperation.

**Inderjot Kaur**

**Editor**

## **RANKING & AWARDS 2022**

### **1. NIRF Ranking 2022**

**Engineering All India Rank: 139**

#### **In Punjab**

- Position including all institutes and universities (Government +Private): 6th Rank
- Position with only institutes (Government +Private) : 1st Rank
- Position with only private universities & institutes : 4th Rank
- Position with only private institutes. : 1st Rank

**North India: (Punjab, Chandigarh, Delhi, Haryana, Himachal, Jammu and Kashmir, Rajasthan, Uttar Pradesh, Uttarakhand)**

- Position with only institutes (Government + Private) : 1st Rank
- Position with only private institutes. : 1st Rank

### **2. Outlook I-Care Rankings 2022-India's Best Colleges**

- 59th among top 100 private institutes in India
- 4<sup>th</sup> private institute among Punjab including (University's Institutes)
- 1<sup>st</sup> private colleges in Punjab (excluding university's Institutes)

### **3. India Today Ranking 2022**

- 2<sup>nd</sup> Rank in Private Colleges in Punjab
- 5<sup>th</sup> Rank in Private Colleges and Universities in Punjab
- 71th Rank across country (Overall India)

### **4. Times of India Engineering Survey 2022**

- 7<sup>th</sup> in North Region
- 17<sup>th</sup> in top 125 private Engineering Institutes.
- 22<sup>nd</sup> in all Engineering Institutes in India

### **5. Career 360<sup>o</sup> Rankin 2022**

- AAA+ Ranking in North India

### **6. Chandigarh Engineering College-CGC Landran Mohali has recently received NBA Accreditation for following two undergraduate courses.**

- Computer Science and Engineering- **Valid upto 30<sup>th</sup> June 2025**
- Electronics and Communication Engineering-**Valid upto 30<sup>th</sup> June 2025**

### **7. Dataquest Tech School survey, 2022**

- 2<sup>nd</sup> In Punjab in Top 100 T-Schools (Overall) – Government and Private
- 1<sup>st</sup> in Punjab in Top T-Schools (Private)
- 17<sup>th</sup> rank in Top T-Schools (Private)
- 9<sup>th</sup> rank in North India (Zone Wise)
- 29<sup>th</sup> rank in Top 100 T-Schools (Overall) – Government and Private

## 4th International Conference on Contemporary Advances in Mechanical Engineering (ICCAME-2022)

The Department of Mechanical Engineering, Chandigarh Engineering College -CGC Landran, organized the “4<sup>th</sup> International Conference on Contemporary Advances in Mechanical Engineering (ICCAME-2021)” during September 15-16, 2022. The event was inaugurated by the Chief Guest, Prof. Dr. R.K. Garg, former Director NIT Arunachal Pradesh and Director Incharge NIT Jalandhar, in the presence of Guests of Honour, Prof. Dr. Inderdeep Singh, Head, Department of Design, IIT, Roorkee and Dr. Sanjay Sood, Associate Director, C-DAC, Mohali. Extending their best wishes to the audience on the occasion of Engineers’ Day, the speakers shared their thoughts on the theme of the conference. They also highlighted the contributions shared by the engineering community in nation-building.

This conference witnessed an overwhelming response from the students, researchers, academicians and industry professionals as more than 240 research articles were submitted to this conference out of which 107 have been recommended for publication in Elsevier’s Materials Today: Proceedings (Scopus Indexed International Journal) after rigorous peer review process. The participants presented their research findings through 8 technical sessions and had constructive discussions with the peer group. Best Paper Presentation Awards were also presented to 08 Participants. The participants’ during the feedback session applauded the sincere efforts of the organizing team of ICCAME-2022.



## **2- days International Conference on Innovations in Communication, Computing and Sciences (ICCS-2022)**

Two days International Conference on Innovations in Communication, Computing and Sciences (ICCS-2022) was organized by Department of ECE that marked its beginning with the enlightening inaugural ceremony on 15<sup>th</sup> September, 2022. The inaugural session started with the lamp lightening by Prof.(Dr.)Rajiv Kumar Garg, (Chief Guest, Professor (HAG), Former Director NIT Arunachal Pradesh & Director Incharge NIT Jalandhar) , Dr. Sanjay Sood (Guest of Honor, Associate Director, C-DAC, Mohali), Prof.(Dr.) Inderdeep Singh (Keynote Speaker and Guest of Honor, Head of Department of Design, IIT Roorkee), Prof. (Dr.) P. N. Hrisheeksha (Campus Director, CGC Landran), Prof. (Dr.) Rajdeep Singh (Director Principal, CEC), Prof.(Dr.) Harbinder Singh(Associate Dean R&D, CGC Landran), Prof. (Dr.) Vinay Bhatia (HOD,ECE) and Prof. (Dr.) Rajesh Sharma (HOD, ME). This conference witnessed significant participation from academicians, researchers as well as experts from industry.

Chief Guest, Prof. (Dr.) Rajiv Kumar Garg highlighted about NEP 2020 and advanced technologies in multidisciplinary environment to enhance the technical skills of the students. Keynote Speaker and Guest of Honor, Prof. (Dr.) Inderdeep Singh talked about affordable design products that are environment savvy. Guest of Honor, Dr. Sanjay Sood enlightened the audience with his knowledge in the field of Telemedicine informatics along with various tools used in telemedicine field. Keynote Speaker, Mr. Michael Kahl, Global Application Manager, M.S. Raith Technology, Amsterdam, Netherland discussed and enlighten the delegates on the Quantum computing, beam lithography, quantum dot array concepts.

Day 2 of ICCS 2022 started with the impressive speech by Guest of Honor, Dr. Manish Hooda, Head, Technology Development Division, SCL Mohali, on scope of VLSI technology in coming years. Keynote Speaker, Dr. Manoj Kuri, Principal, Govt. Engineering College, Bikaner presented his talk on “Machine learning for remote sensing applications”. Keynote Speaker, Dr. Jamel Orfi, Prof., King Saud University, UAE presented his talk on Hybrid desalination for increasing water production and brine management. Keynote speaker, Dr. Sarbjit Singh, Assoc. Prof., PEC Chd. delivered his talk on electrochemical discharge machining.

A total of 400+ papers were received, out of which 179 papers were accepted, registered and presented in ICCS 2022 from India, Canada, South America and Oman. After the successful presentation of the papers in four sessions for two days, best paper award was given to Tameem Ahmed (1st Session), Nadeem Akhtar (2<sup>nd</sup> Session), Kavita Sharma (3<sup>rd</sup> Session) and Hashir (4<sup>th</sup> Session) in ICCS 2022. Poster Presentation was also organized as a part of the conference. The winners of Poster presentation were: Team Bloodbonds (1<sup>st</sup> prize), Team Warriors (2<sup>nd</sup> prize) and S<sup>^</sup>2Y (3<sup>rd</sup> Prize).

The valedictory ceremony was graced by the Guest of Honor, Dr. S. K. Mangal (PEC, Chd), Dr. Manish Hooda(Head, Technology Development Division, SCL Mohali), Keynote speaker Dr. Manoj Kuri (Principal, GEC, Bikaner), Patron, Prof. (Dr.) P.N. Hrisheeksha, Dr. J. S. Khattri(Dir.Acad., CGC Landran), Dr. Rajdeep Singh (Director Principal, CEC Landran). Patron, Prof. (Dr.) P.N. Hrisheeksha emphasized on inter-disciplinary approach towards learning and congratulated the organizers and distinguished guests for being a part of this event. Conference Chair, Dr. Vinay Bhatia and Dr. Rajesh Sharma presented vote of thanks to the management, distinguished speakers, delegates, sponsors and organizing committee.



### Seminar on “Basics of Intellectual Property Rights”

The Department of Mechanical Engineering organized a Seminar on “Basics of Intellectual Property Right”’s on August 28, 2022. This seminar was conducted by Mr. Khushal Juneja, General Manager IP & Operations, Ennoble IP. This seminar helped the students to learn about the concept and intricacies of Intellectual property and Intellectual Property Rights. The students were apprised about the importance of IPR with respect to businesses and startups.



## **Chandigarh Engineering College-CGC Landran organized 22<sup>nd</sup> Orientation Programme for Newly Admitted Students**

Orientation programme was organized for newly admitted students of B.Tech 1<sup>st</sup> year on 22<sup>nd</sup> August, 2021. S. Rashpal Singh Dhaliwal, President, CGC offered a pleasant welcome to all the new students and their parents, and assured their parents that the college will register tremendous progress on all fronts with its sincere, dedicated and progressive efforts. The other dignitaries present in the orientation programme were Dr P. N. Hrisheekesha, Campus Director, Dr Jagtar Singh Khattrra, Director Academics, Major Aulakh, Director Administration, Dr Rajdeep Singh, Director Principal, Ms. Gagandeep Bhullar, DSW and Dr Harpal Singh, Head Applied Science Department. This Orientation Programme was designed for the students, helping them to uncover the answers to the questions they had and providing them with information about campus resources, programs and services.



## Seminar on Entrepreneurship

The Department of Mechanical Engineering organized a Seminar on Entrepreneurship on August 24, 2022. One of our alumnus Mr. Sukant Gupta was the resource person during the event. Scrapbuk Services Pvt. Ltd., is a remarkable startup initiated by him. He encouraged mechanical engineering students to come up with startup ideas and get them patented. He also discussed some of the ideas from students and guided them the way forward.



### **Workshop under “UNNAT BHARAT ABHIYAN”**

The Unnat Bharat Abhiyan (UBA) Cell of ECE Department of Chandigarh Engineering College -CGC Landran organized a workshop on 13.09.2022. The ECE department had adopted village “Saidpur” under UBA. In this workshop, activities like Project making, project displaying, quiz were organized for Government High School, Saidpur. Also, medical camp, hygiene awareness and activities like embroidery and best out of waste learning was organized for the villagers on the day of workshop. The students from class 9th and 10th were taught about the basics of electronics by displaying some basic projects accompanied by project making. The session was later followed by General Knowledge Quiz. Approximately, 100+ people actively participated in the medical camp. In a nutshell, the workshop was a huge success.



### **Expert Lecture on “Industrial Design 4.0”**

The Institute Innovation Council and Techcomm Professional Society of Electronics and Communication Engineering Department of CEC-CGC Landran Landran organized an expert talk on the topic “Industrial design 4.0” on 8th September 2022. The expert talk was delivered by Er. Harsween Kaur, Director, Wonder System Private limited, Mohali. The speaker explained about Industry 4.0 revolution, evolution of cyber-physical systems, use of SCADA, PLC and HMI along with its applications in industries and how they are being connected using Artificial Intelligence and Machine learning.



## **Expert Lecture on “Object Oriented Programming”**

CSE Department organized expert lecture on “Object Oriented Programming” for the second-year students on September 6, 2022. Dr. Amit Chhabra delivered the lecture. The objective of the lecture was to acknowledge the students about the importance of high-level languages over low-level languages. The session gave an insight about the Object-Oriented Programming concepts.



## **Expert Lecture on “Start it up with Internet of things (IoT) and Machine Learning (ML)”**

An Expert talk on the topic “Start it up with Internet of things (IoT) and Machine Learning (ML)” was organized by ECE Department for the students of 5<sup>th</sup> semester of B.Tech. The talk was delivered by Dr. Tulika Mehta, Director, Kaizen Systems, Mohali. The speaker explained how Internet of things and Machine Learning can be utilized for latest development and project work. The use of IoT and its applications in industries, specifically in the field of electronics was major highlight of the lecture.



### **Expert Lecture on Applications of LabVIEW in Control System**

An Expert Lecture on Applications of Lab VIEW in Control System was organized by Electronic Project Club in association with IETE and IIIC of ECE Department on 29th September 2022. The speaker, Dr. Lini Mathew (Head, EE Dept, NITTTTR Chandigarh) provided significant knowledge of the industry trends and carrier opportunities to the students. Lab VIEW with its simulation module is add-on software that integrates with the programming environment to offer capabilities such as built-in parallelism, multicore, and multi-rate technologies as well as tools for deploying to real-time hardware. Using the Lab VIEW application students can custom test for a better understanding of the whole concept.



### **Yoga Session organized for B.Tech 1<sup>st</sup> Year students during Student Induction Programme**

On Day 2 of Induction program, Yoga session was organized by Applied Science Department i.e. on 23<sup>rd</sup> August, 2022. Dr. Sham Singh, Faculty from Applied Sciences Department motivated the students and sensitized them about the various benefits of Yoga. He further elaborated the students that Yoga is a practice which plays an important role in relaxing the mind and body and boosting one's immune system. All of the students participated in warm-up activities and did both sitting and standing *Asanas* while simultaneously hearing explanations of their significance. The students were taught the value of yoga in life and how to keep their bodies and minds in balance. The students also expressed their desire to incorporate yoga into their daily life by making a number of commitments and asking numerous questions about the significance of the practice.



## Interaction with Alumni for B.Tech 2022 Batch

On Day 5 of Induction program, an Alumni Interaction session was organized on 26<sup>th</sup> August, 2022. In this Alumni session, Ms. Shivangi Kumar of CSE 2015 passout batch was invited for interaction with the students. Ms Shivangi is currently working as Senior Business Analyst in Navish Solutions at Chandigarh. Another alumni Mr. Nikhil Arya of ECE 2014 passout batch and Mr. Ajay Kumar Prajapati of ECE 2022 passout batch also interacted with the students. Mr. Nikhil Arya is currently working as Junior Engineer at PWD B & R under Punjab Government. Mr. Ajay Kumar Prajapati is Graduate Engineer Trainee at Talent Serve India Pvt. Ltd. All of them shared their experiences of CGC during their stay. They also shared various strategies for achieving good academic results and they also insisted the students to stay focused on their dreams and keep chasing them. All the alumni praised about the ample of opportunities for placements at CGC. They particularly shared their success stories and gave complete credit to CGC.



### **Anti-Ragging Session organized for New Students**

The Applied Sciences Department of Chandigarh Engineering College-CGC Landran hosted an anti-ragging session during the Induction Program where students were informed about the anti-ragging policy. The students gained a lot of information about anti-ragging. They were informed that if any student found misbehaving or conducting ragging, a strict action will be taken against him or her which may also include his or her expulsion from the college. Any student may contact the anti-ragging committee or the higher authorities freely, if they feel any misconduct of behavior.



### **Art of Living Session organized for Newly Admitted Students**

The Applied Science Department hosted the Art of Living session as part of the introduction programme for newly enrolled students of Batch 2022. Varun Upadhayay, the keynote speaker, encouraged the students to rediscover joy and learn to deal with life's stresses. He taught them how to handle their lives effectively so that they might become peaceful, self-assured individuals in all facets of life. He explained to them how to live effectively by handling all of life's challenges in a constructive manner.



## **Training and Placement Session during Student Induction Programme**

Training and Placement session was organized by Applied Science Department on 23<sup>rd</sup> & 24<sup>th</sup> August, 2022 for B.Tech 1<sup>st</sup> year students. The keynote speakers, Mr. Pradeep, Mr. Tarun and Ms. Urmila (Soft Skill Trainers) from Training and Placement Department briefed the students about TPP department and the role of department to assist the students for their campus placement. They motivated the students to develop their personality and communication skills. They also emphasized the value of learning programming languages like C, C++, Java, Python, etc. to land lucrative jobs at reputable organizations.



## **Expert Lecture on “Object Oriented Programming”**

CSE Department organized an expert lecture on “Object Oriented Programming” for the second-year students on September 6, 2022. Dr.Amit Chhabra delivered the lecture to the students. The objective of the lecture was to acknowledge the students about the importance of high-level languages over low-level languages. The session gave an insight about the Object-Oriented Programming concepts and its features.



## Campus Tour during SIP for the New Joiners

On the Second Day of Induction Program held on August 23, 2022 a campus tour was planned for the students where they were guided and taken to different departments of the College. The students were taken to the Parivartan Ground, where all the main events of the college take place. They were also acknowledged about different departments like Registrar Office, Accounts Office, Dispensary, Library, Canteen, Sports Ground, Auditorium, Brand Shop and Departments like HMCT, CBSA etc. A very informative session was conducted by the RISE Department so as to motivate students to come up with new innovative ideas and research techniques. The students not only were contented with the campus tour but gained a lot of information about technology and research.



## Mr. and Ms. Fresher 2k22

The Department of Applied Sciences in Chandigarh Engineering College-CGC Landran organized departmental Mr.& Miss. Freshers for batch 2022. On 22<sup>nd</sup> September more than 150 students registered for the audition round. 28 among them were shortlisted for the finales conducted on 27<sup>th</sup> September. The participants were judged both for their personality as well as persona. Mr. Fresher was Zorawar from BSc AI/ML, Ms. Fresher Gurleen from CSE, Mr. Runner up Abdul Samad Ansari from BTech AI-DS, and Ms. Runner up was Aamna from BScAI/ML.



## Motivational Movie Showcase for Newly Admitted Students

The Applied Sciences Department hosted a Motivational Movie Showcase for the newly admitted B.Tech first-year students from all branches as part of the Students Induction Program. They were shown the inspirational film "I am Kalam." The protagonist of this film is a young boy named Chhotu who works at a Dhaba and comes from a low-income family. The film focused on the lives of two boys from different socioeconomic backgrounds, with the rich youngster Ranvijay assisting the poor boy to gain entrance to the school and ending with the idea of educational equality. The film lasted for one hour and thirty minutes. The cheerful attitude definitely stimulated the students, who thoroughly enjoyed themselves.



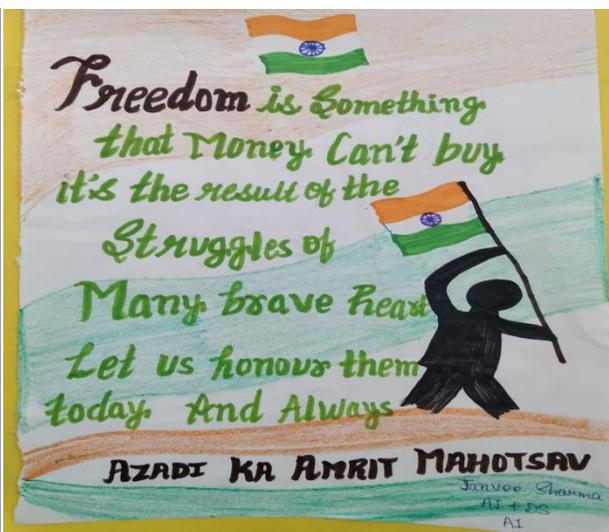
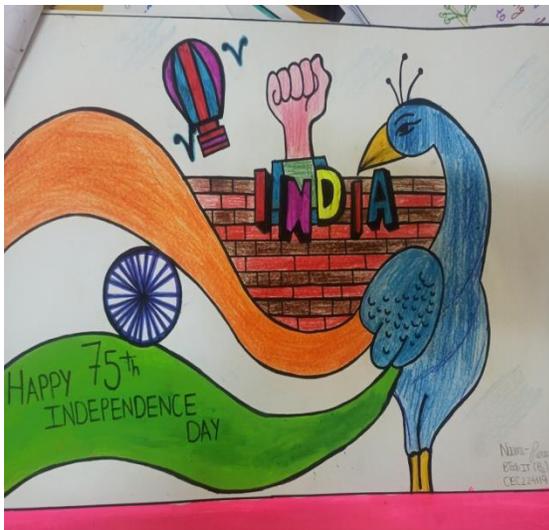
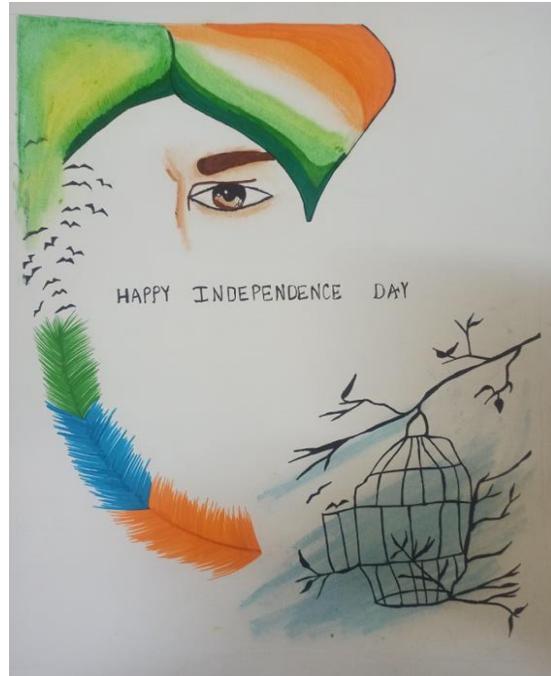
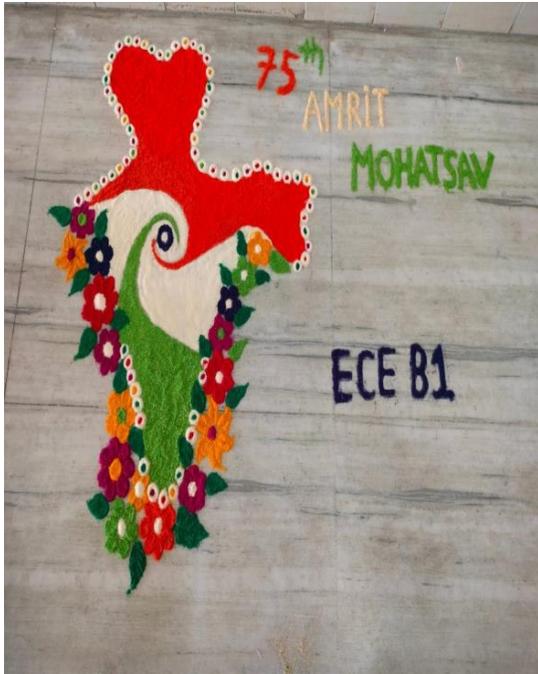
## A Day Out for the New Comers

The Applied Science Department, Chandigarh Engineering College-CGC Landran organized a day out for the students during the college hours as part of students induction programme. The students were made aware of the local area and the market. The students were taken to the shopping complex, VR Punjab Mall where they explored new things and enjoyed a good time with their classmates and teachers. The students show cased great zeal and enthusiasm. They were excited to see the traditional shops and enjoyed themselves with good food and good company.



## Multifarious Activities organized during Students Induction Programme

The Applied Science Department organized a number of entertaining, interesting and creativity events during the Student Induction Programme on 22<sup>nd</sup> & 23<sup>rd</sup> August, 2022. The tasked Class Counselors did a great job carrying out the varied activities. Making posters, culture cards, creating slogans, creating rangolis, and writing essays were among the activities. Numerous icebreakers, including singing, dancing, impersonation, culture cards, etc., were also held. The students were ecstatic and engaged in the activity with great enthusiasm.



### **Session on Academic Policies organized during SIP**

As part of Students Induction program, a session on Academic Policies was organized for the new students of Batch 2022. Dr. Jagtar Singh Khattria – Director Academics, CGC, Landran interacted with the students about Academic Policies of CGC, Landran. He discussed about Education system of CGC, rules and regulations, attendance policy, struck off policy, leave policy etc. He also explained that how CGC provides good exposure to students and motivated them to participate in International Conferences, Seminars, Interdisciplinary research and training program. He also encouraged the students about research oriented environment in CGC and about the RISE department; filling of patents, research papers etc.



### **CSE Department organized a Coding Event - CODE BINDASS**

Phoenix Club of CSE Department organized a Coding Competition in Collaboration with Hacker rank (Code Bindass). The event was based on a coding related to C/C++, Java and Python. First winner was Khem Singh (IT), Second winner was Tushar Bhatt(IT) and third winner was Anish Dhatwalia (CSE).



## **SIP concluded successfully followed by a Valedictory Session**

Successful completion of Students Induction Programme (SIP) was followed by a Valedictory Session which was organized on 26<sup>th</sup> August, 2022. The first year students shared their experience of induction programme and about their new journey in CGC. Dr. Harpal Singh, Head Applied Sciences Department interacted with the students and blessed them with wishes for a successful college life at CGC. He also gave away the prizes to the winners of different events that were conducted during the Induction programme. The winners of different events were:

- Rangoli- Gurleen Kaur (ECE) and Inderpreet Kaur(ECE)1<sup>st</sup> Position, Aaradhya Sharma (CSE)- 2<sup>nd</sup> Position
- Slogan Writing- Nemdhari (IT)- 1<sup>st</sup> Position, Nandini Dutt (CSE)- 2<sup>nd</sup> Position
- Poster Making- Nishkarsh (IT) - 1<sup>st</sup> Position, Aaradhya Sharma (CSE)- 2<sup>nd</sup> Position
- Singing- Aaradhya Sharma (CSE)- 1<sup>st</sup> Position, Jacob (ECE)- 2<sup>nd</sup> Position
- Cultural Card- Ramanjeet Kaur (ECE)- 1<sup>st</sup> Position, Sanjeet Kumar (IT)- 2<sup>nd</sup> Position



### **CSE Department organized coding event under ACM Chapter**

Department of CSE, CEC-CGC Landran organized a coding event ‘Code101’ and a Web development event named ‘Clash of developers’ on 13-09-2022. More than 115 students participated in the event. First position was secured by Khem Singh and second position by Vivek Parashar.



### **Expert Lecture on Web Applications**

CSE Department organized an expert lecture on “Web Applications” for the third-year students on August 31, 2022. It was a two-hour Expert lecture by Ms. Samarpreet Kaur who is a Specialist Developer at Napier Healthcare, Hyderabad. Topics of discussion were frontend (UX, UI, and Visual developers), backend, and skill sets for building a website, web Designing and web developments.



### Expert Talk on Entrepreneurship Awareness and Government Start up Policies by RCED

CSE department organized Expert Talk on Entrepreneurship Awareness and Government Start up Policies on 15 Sept 2022. Mr. Paramjit Singh was the speaker for the expert talk. He is a Director at Regional Centre for Entrepreneurship Development (RCED).



### Industrial visit to Grazitti, Panchkula

The department of Computer Science & Engineering, Chandigarh Engineering College -CGC Landran organized an Industrial visit to **Grazitti, Panchkula**. Visit started with an Introductory Session where HR introduced their company and then session was continued by a Technical Head. The Technical Head induced students about the upcoming trends in IT, SEO and the various IT projects they deal with. Grazitti Interactive is a global provider of SAAS products, digital services leveraging cloud, mobile and social media technologies.



### **ECE Department organized Industrial Visit to Wonder Automation**

The Department of Electronics and Communication Engineering organized an industrial visit to Wonder Automation Pvt. Ltd., Mohali on 9th August 2022 for the students of B. Tech 3<sup>rd</sup> semester of ECE department. The students learnt about compact and high-performance servo motors, AC variable speed, high current output DC and panel mounted drives. The visit helped students to get exposure to industry-oriented courses, multi-disciplinary programs and on-site practical exposures.



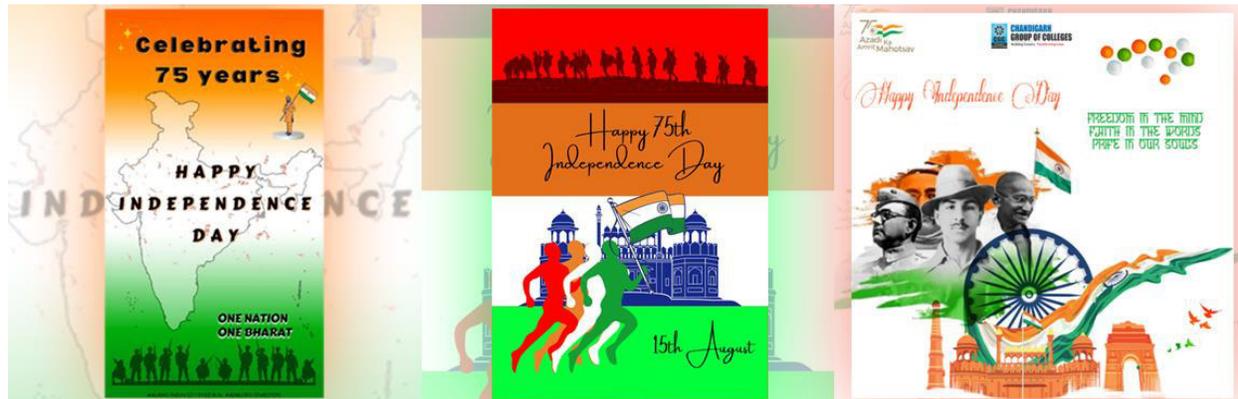
### **Industrial Visit to CDAC Mohali**

The Department of Electronics and Communication Engineering organized an industrial visit to CDAC Mohali on 17<sup>th</sup> August 2022 for the students of B. TECH 3<sup>rd</sup> Semester. During this visit an expert lecture was scheduled which was delivered by Dr. Balwinder Singh Head, ACS Division on new technologies of electronics in different areas like agriculture, health care etc. The students learnt about advanced technologies like Electronics Product Design Technology (EPDT), Very Large-Scale Integration (VLSI) Design, Embedded Systems (ES) and Information Technology (IT). The students visited the Bio medical Lab and Cyber Security Lab and learnt different aspects of corporate world, technical and non-technical.



## Digital Poster Making on “Azadi ka Amrit Mahotsav”

DCA Department, organized an online competition “**Digital Poster Making on Azadi ka Amrit Mahotsav**” on 12<sup>th</sup> August, 2022 to enhance the creative and innovative mindset of the students. Students thoroughly enjoyed the competition in true sense of patriotism. In total 24 students had participated. On the basis of tools used and creativity of the final product, 10 students were shortlisted. These 10 students further illustrated their creativity with help of digital poster making tools. The winners of the competition were: Mr Navanjot Singh (1<sup>st</sup> Position BCA), Mr Anurag Yadav (2<sup>nd</sup> Position AI & ML) and Mr Deepanshu Rana.



## Session on Psychological Well-Being

Department of Business Administration organised a session on Psychological well-being titled “A moment of Transition: Releasing the Cocoon “Positive mental health and wellbeing on 1st September 2022. This session enabled us to function well, have meaningful social connections, positive self-esteem and be better able to cope with life’s ups and downs. Keeping our mind healthy is an important part of our overall health and wellbeing. Being in good emotional as well as physical health enables young people to deal with the challenges of adolescence and eases their transition into adulthood. During the session Dr Gagandeep Kaur discussed the different factors that affect the mental health of students and what are various challenges faced by the adults during their college life. The audiences (first year students) enjoyed the presentation and they were highly responsive and interactive. The sessions helped them in addressing their queries regarding their mental issues. The resource person encouraged the students to make social connections a priority in their lives and avoid Alcohol, smoking and drinking habits.



## **Expert Lecture- “Role of Innovation in Startup Journey”**

Department of Computer Applications, organized an expert lecture on the topic “Role of Innovation in Startup Journey” on 29th July, 2022. The aim of this event was to examine a set of creativity-related concepts, dimensions, patterns different ways and techniques of generating ideas, developing talents, funding opportunities as well as protecting intellectual property rights, and, in particular, how all these factors affect the economy and sustainable business. Students found it very interesting, informative and helpful. Students solved a specific innovation challenge and applied their knowledge into actual action. They participated enthusiastically and inquired multiple queries regarding Innovation, Startup and creativity.



## Faculty Awards and Achievements

The faculty members of the Chandigarh Engineering College-CGC Landran were bestowed with Best Teacher Awards and Awards of Appreciation on the basis of merit for their unwavering efforts on the occasion of Teachers Day, 2022.



Dr Harpal Singh, Head Applied Science Department, Award of Special Achievement



Ms. Nisha, Best Teacher Award



Dr Sangeeta, Best Teacher Award



Dr Manpreet Kaur, Award of Excellence



Ms Inderjot Kaur, Achievers Award



Dr Priyanka Kaushal, Award of Excellence

Ms Monika Sharma, Award of Appreciation

- Dr. Rajneesh Kumar, faculty of the Department of Mechanical Engineering, Chandigarh Engineering College -CGC Landran was bestowed with the Best Teacher Award on the occasion of Teachers Day, 2022.
- Dr. Bhawna Tandon and Dr. Ankur Singhal of ECE department got Best Teacher Award on Teachers Day, 5th Sept 2022.
- Ms. Nidhi Chahal of ECE department got Award of Appreciation, 2022 on Teacher's Day.
- Six faculty members of ECE department received "Achievers Award" 2022 on Teacher's Day- Dr. Vinay Bhatia, Dr. Tarun Singhal, Ms. Ashima Kalra, Dr. Dinesh Arora, Dr. Sukhdeep Kaur and Dr. Kuldeep.
- Three faculty members of ECE department received "Award for Special Achievement" 2022-Dr. Mohit Srivastava, Dr. Simarpreet Kaur and Dr. Ramanpreet Kaur.
- 20 faculty members of ECE department contributed their research papers in 2- days International Conference on Innovations in Communication, Computing and Sciences (ICCS 2022) organized by ECE Department on 15<sup>th</sup>-16<sup>th</sup> September.
- Dr. Ramanpreet Kaur of ECE department presented a paper in ETBS 2022, JUIT, Wagnaghat, in September 2022 on "Performance comparison of routing protocols of WBAN for emergency handling in homogeneous network".

### **Research Publications**

- Dr. Harbinder Singh published a paper on "Design and synthesis of circular antenna array using artificial hummingbird optimization algorithm" in Journal of Computational Electronics, Springer in August 2022.
- Ms. Ashima Kalra published a paper on "Energy Efficient Multi-Tasking for Edge Computing using Federated Learning" in International Journal of Pervasive Computing and Communications- Emerald Journal in July-2022.
- Ms. Inderjot Kaur of Applied Sciences department published a paper titled, "Ma's horrifying captivity and impact of isolation in Emma Donoghue's novel Room" in September 2022.

### **Patents Filed**

- Waste water treatment system (PIE No. 1113) filed by Dr. Pradeep Kumar Gaur with Application No. 202211045350.
- Assistive device for visually impaired person (PIE No. 1040) filed by Ms. Preeti Bansal with Application No. 202211054433.

### **Students Achievements**

- Two students of ECE 3rd sem, Arsh Vats and Ishu Banga got second prize in project display at Chandigarh Engineering College, Jhanjeri on Engineers Day 2k22 on 15 Sept'2022.
- Around 25 students of ECE presented posters on Poster Presentation Event in 2- days International Conference on Innovations in Communication, Computing and Sciences (ICCS-2022) organized by ECE department on 15<sup>th</sup> and 16<sup>th</sup> September 2022.

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