



**CHANDIGARH
GROUP OF COLLEGES**

Building Careers. **Transforming Lives.**

The Communiqué

News Magazine | Volume-20

ISSUE APRIL 2021 – JUNE 2021

An Institution of Excellence

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Vision of the Chandigarh Engineering College

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

- 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 Khattria
Director Academics

Education is not to be confined within the walls of a classroom. Education is to provide means to enable a person to transcend the limitations of human perception and to understand the organic growth to the world to place oneself fit to perform one's role efficiently in the interest of larger order of existence. Education is a process to cause transformation to the finest of our thought, feelings and deed. It is to free ourselves from being ignorant, harmful and parasitic. It is to create cultured, developed and compassionate human minds with efficient working skills.

As a Director Academics of Chandigarh Group of Colleges, it gives me an immense privilege and pleasure to inform that this institution is putting consistent and persistent efforts to serve the nation at its best. It is a matter of great pride that our institution has always made outstanding progress in academics, co-curricular and extra-curricular activities. I congratulate all the contributors and the editorial team for bringing out such an outstanding magazine.



Dr. Sushil Kamboj

Professor and Head, Department of IT

It gives me immense pleasure to lead the Department of Information Technology. Chandigarh Engineering College (CEC) is one of the premier institutions, providing the manifold shades of learning, co-curricular and extra-curricular activities to its students. The college is striving hard towards the goal of providing innovative and quality education with high standards to achieve academic excellence.

The process of learning is extremely important in life. What you learn, how you learn and where you learn, plays a crucial role in developing one's intellectual capability, besides career. The very motto of our department is to provide the best environment for quality education, to enhance the problem solving and intellectual capability of students. Along with academic knowledge, CEC also nurtures its Engineers to face the challenges in life by providing value-added as well as career-building courses to enhance their career prospects. When the IT-driven-world is undergoing rapid enhancement, the industry demands technologically sound engineers for continuous research, innovation, and change.

To prepare buddy IT-Engineers, College provides its unique 360-degree Development program package to its students through the Training & Placement Program. It also provides the exposure to interact and choose a corporation among a huge number of corporate houses of his choice, through campus placements. CEC is a pioneer in campus placements that has maintained its legacy from the last 20 years. Multiple engineers from the department are serving in the top-notch companies as well as public services. Moreover, several students along with faculty members from the IT Department are actively involved in research activities as they regularly file patents and get their research papers published in reputed journals. Several startups had been started under the Startup India Program of Government of India which has set up new milestones and brought glories to the department. We are confident that our Engineers will emerge as assets not only to this institution or organizations they are working with but also to the country at large. If you are ready for exciting years of your education which will push you way ahead of others, we at the Department of Information Technology are ready to take you through the journey.



Editor's Quill

I feel great pleasure to present another issue of our quarterly magazine *Communiqué*.

"Success comes to those who work hard and stays with those, who don't rest on the laurels of the past." The world today is changing at such an accelerated rate and we need to pause and reflect on this entire system of Education. I am pleased to specify that the Awards and Ranking we receive every year speak the excellent quality of education being imparted in our institution.

The college magazine reflects the diverse activities of the college. Each issue of our college magazine is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. *Communiqué* is a perfect blend of creative thinking, art, knowledge and wisdom which vibrates in the inner soul of various stake holders.

I'm thankful to all members of the editorial team, HODs, all my colleagues, students and the college management for their support in raising this news magazine for our readers.

Inderjot Kaur

Editor

RANKING & AWARDS

1. Chandigarh Engineering College awarded with “Outstanding Engineering Institute with Best Placements” title during **World Education Summit 2021**

2. **DL Ranking 2021 (Top private Engineering Institute of India 2021)**

- Ranked 10th Pan India
- Ranked 2nd in Punjab

2. **NIRF Ranking 2021**

Engineering All India Rank: 147

In Punjab

- Position including all institutes and universities (Government +Private) : 8th Rank
- Position with only institutes (Government +Private) : 1st Rank
- Position with only private universities & institutes : 5th Rank
- Position with only private institutes : 1st Rank

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

- Position including all institutes and universities (Government +Private): 42nd Rank
- Position with only institutes (Government + Private) : 1st Rank
- Position with only private universities & institutes : 17th Rank
- Position with only private institutes : 1st Rank

3. **Outlook I-Care Rankings 2021-India’s Best Colleges**

- 62nd among top 110 private institutes in India
- 5th private institute among Punjab including (University’s Institutes)
- 1st among private colleges in Punjab (excluding university's Institutes)
- 19th among private colleges in North India (including University Institutes)
- 5th among private colleges in North India (excluding University’s Institute)

4. **Dataquest Tech School survey, 2021**

- 3rd in Punjab in Top 100 T-Schools (Overall) – Government and Private
- 2nd in Punjab in Top T-Schools (Private)
- 29th rank in Top T-Schools (Private)
- 40th rank in Top 100 T-Schools (Overall) – Government and Private

5. **India Today Ranking 2021**

- 3rd Rank in Private Colleges in Punjab

- 6th Rank in Private Colleges and Universities in Punjab
- 80th Rank across country (Overall India)

Internshala organized Deep Learning Training

Internshala organized Deep learning training through online platform. Ms. Sonal Singh of CSE department completed Deep learning training with 86% marks on 09-05-2021 for which she received certificate of training from Internshala.



CSE student Dilpreet Singh shared his Placement Success Tale

Dilpreet Singh a student of B.Tech Computer Science & Engineering got placed in Lido Learning with a package of 10 LPA. Sharing his success story he stated, “I have always been curious about computer systems and this led me to opt for Computer Science Engineering. When I joined this college, I ensured that I actively take part in academics as well as co-curricular activities and thus, I was appointed as the President of the Student Club. I organized numerous events which helped me nurture my talents and skills. All this perfectly contributed to my placement success”.



#CGCPlacementTales



“To satiate my curious mind, I chose the field of Computer Science Engineering and this college provided me with every opportunity to explore this fascinating sphere and cherish it even more.”

Dilpreet Singh
B. Tech CSE
Placed with: Lido Learning
Package: 10 LPA

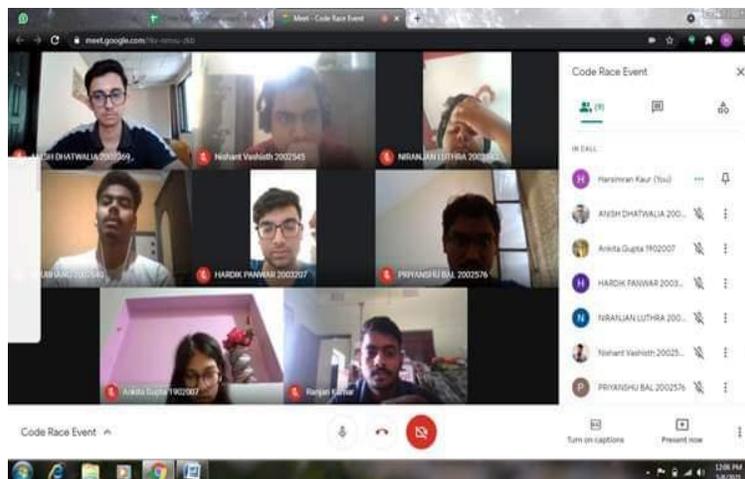
CSE Department organized Code Race Competition

To enhance the students' coding skills, the Department of CSE, CEC along with Institution's Innovation Council organized an online competition 'Code Race' wherein 197 students participated. The winners of the competition were:

1st Position: Naveen Singh

2nd Position: Kartik Dhawan

3rd Position: Himanshu Goel



ACIC RISE organized Poster Making Competition

ACIC RISE organized poster making competition through online platform. Shubham Bansal of CSE department received 2nd Prize and Rs 1000 Cash Prize also. The competition was organized on 17-08-2021.



Geeks for Geeks organized Hackathon on Virtual Mode

Geeks for Geeks organized Hackathon for 423 students through online platform on 8th Aug 2021. Pragati Jaggi of CSE department achieved 27th rank and Aryan Vaid of CSE department achieved 74th rank on 13-08-2021 for which they received certificates.



CSE Department organized JUGAAD-O-VATION event

CSE Department organized JUGAAD-O-VATION event commemorating National Technology Day. A total of 52 students participated under the two categories of Techno Junkies & Domestic Junkies. Utilizing their creative instincts, they competed against each other in different rounds and presented their distinct innovations. The winners of the competition were:

1st Position: Akash Chauhan - Safety Device (B.Tech CSE)

2nd Position: Deepak Mehra - Domestic Jugad (B.Tech CSE)

3rd Position: Madhav Gupta and Prateek (B.Tech CSE)

MBA Department organized a Session on “Accelerators/Incubation Opportunities for Students and Faculties – Early Stage Entrepreneurs”

An informative session on “**Accelerators/Incubation opportunities for students and faculties – Early stage Entrepreneurs**” was organized by MBA Department on 17th April 2021. The speaker of the session was Dr. Ruchi Singla, Dean R & D Cell CGC Landran, who shared a very meaningful piece of information to students who were keen to evolve as entrepreneurs. Students gained in-depth knowledge related to various schemes like ATAL funding scheme and MUDRA scheme and how they get advantage from them.

Dr. Singla guided students how they can take benefits from various schemes like PRADHAN MANTRI MUDRA loan, MSME market development assistance and ATAL funding scheme by creating a perfect prototype from their idea. She also unfurled different students’ questions and gave them clarity about how they can take up their idea as a successful business plan.



MBA Department organized a Session on Prototype Validation-Converting Prototype into a Startup

An online session on Prototype Validation-Converting Prototype into a Startup on was organized by MBA Dept on 29th April 2021. The speaker of the session was Mr. Parampreet Singh Kalra. Mr. Kalra, highlighting the importance of the topic for the students looking to begin their own startups and how they can utilize this session to convert the prototypes that they can design for the ideas and then further convert that idea into a startup.

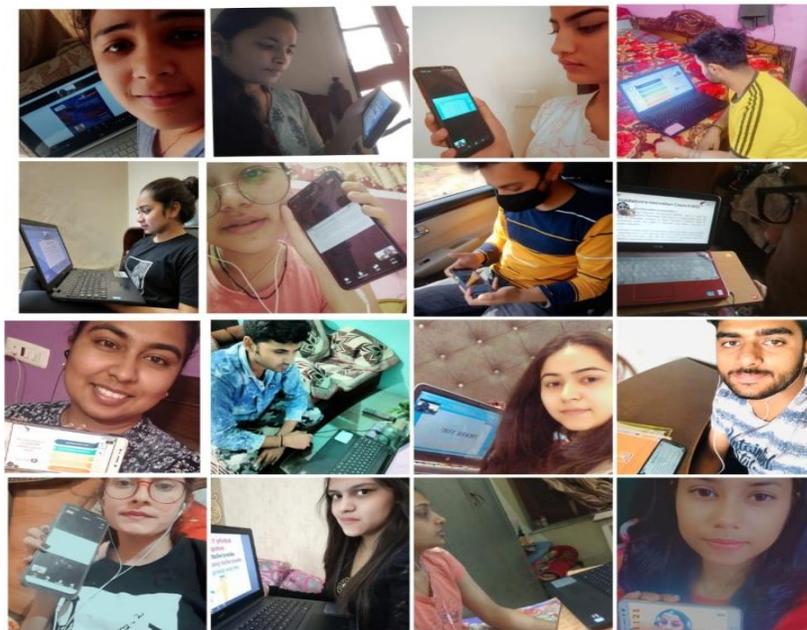
The students gained an in-depth understanding of the topic i.e. how they can convert a prototype into a viable business idea, the challenges they have to face and how to overcome the challenges by learning from the expert’s very own journey of recently converting a prototype into a commercial product i.e. iTappit – a smart business card that will reduce the need to carry the business cards with you. You could simply transfer the contact details and business details from one device to another by just tapping that card with a NFC enabled device. The learning was quite

evident from the level of questions asked by the students to the expert. Mr Kalra was able to arouse interest of the students in the area and the session became a wonderful dialogue based session where the students were asking regular questions and expert was generous enough to answer almost all their queries.

Expert Talk on Building an Innovation/Product Fit for Market

A webinar on “Building an Innovation/Product Fit for Market” was organized for the students of MCA 2nd semester on 5th May 2021 in virtual mode. Many faculty members of the Masters of Computer Application joined the session. The aim of this webinar was to provide an insight into the latest advancement in the sphere of the Product Fit for Market and to keep students embraced with the basics, use, and practical aspect of the technology advancing at the global level. Students participated in the activity and enjoyed it. The webinar received an overwhelming response and the students expressed their delight in organizing the webinar for them.

The webinar was about the current prevalent market trends for budding computer graduates/postgraduates. It was a placement oriented webinar. Dr. Parul Gandhi also stressed the high demand of the Building Innovation/Product Fit for Market in the present progressive world. Students were also guided about how to become an entrepreneur.



MBA Department organized “Best out of Waste” Competition

MBA Dept organized an online competition “Best out of Waste” on 5th June, 2021 on the occasion of World Environment Day. The competition was based on creative and innovative utilization of waste materials which normally being discarded in our homes. The aim of this activity was to encourage students to use their creativity and innovation to use the waste materials available at their home, where the final output must-have utility.

The participants were judged by Dr. Bhupinderpreet Bedi, Associate Professor, MBA Dept. and Ms Preeti Mehta, Assistant Professor, BBA Dept. On the basis of waste materials used and utility of the final product, 16 students were shortlisted. These 16 students further gave their presentations before the judges followed by a question and answer session. Students participated enthusiastically and enjoyed the activity. They learned to reuse the waste material which contributes to save the environment. The winners of the competition were as follows:

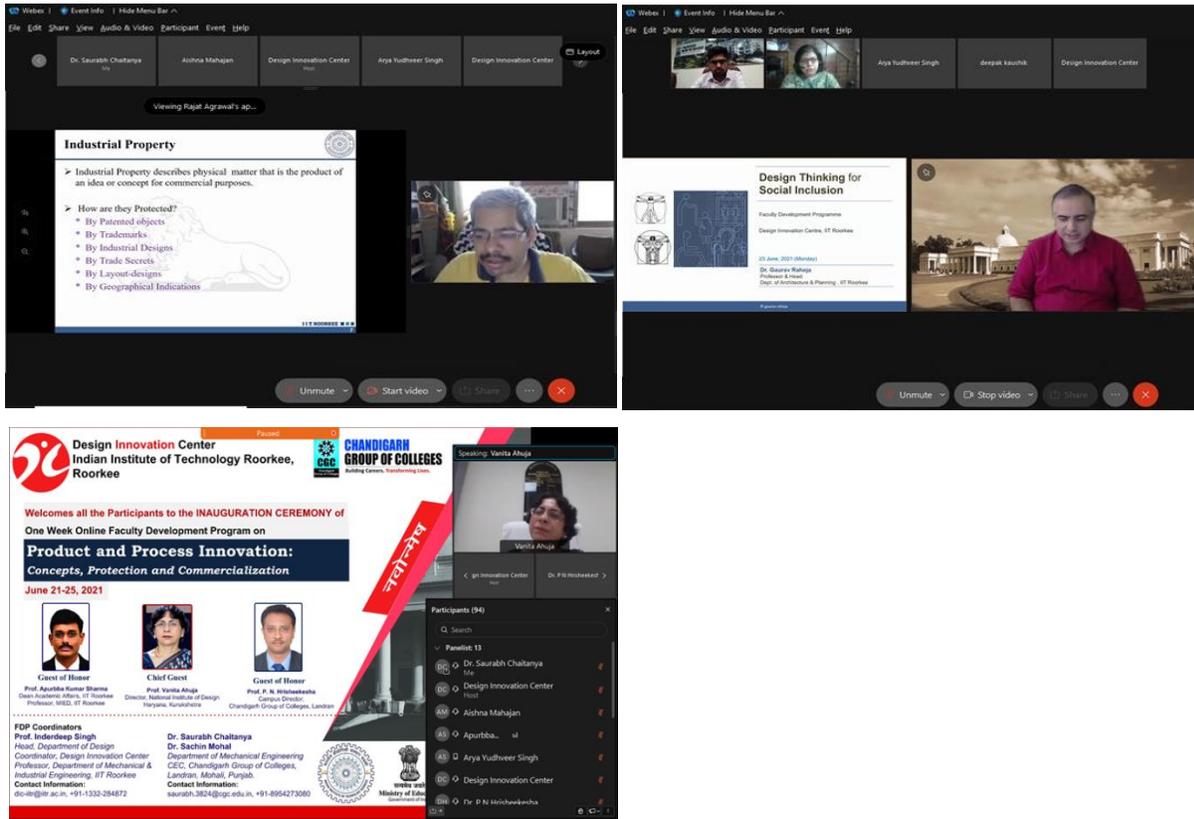
S. No.	Student	Roll No.	Position	Product	Department
1	Ms Sunidhi	2017487	1 st	Grow Pots	MBA
2	Ms Himanshi	2016926	2 nd	Paper Photo Frame	MBA
3	Mr Sanchit Kalra	2017469	3 rd	Wall hanging organiser	MBA



Mechanical Engineering Department organized FDP in association with Design Innovation Centre, IIT Roorkee

The Department of Mechanical Engineering, Chandigarh Engineering College, Landran and Design Innovation Center (DIC), IIT Roorkee organized One Week Online Faculty Development

Program (FDP) on "Product and Process Innovation: Concepts, Protection and Commercialization", during June 21-25, 2021. The FDP perfectly familiarized the faculties with crucial aspects of Product Development, Marketing and Innovation by the Eminent Speakers from IIT Roorkee and National Institute of Design, Haryana. A total of 101 participants from institutes across India participated and got benefitted from this FDP.



Mechanical Engineering Department organized Draf-Tech-2K21 – Designing Competition

The Society of Futuristic Mechanical Technologies (SFMT) under the aegis of the Department of Mechanical Engineering, organised Computer Aided Design (CAD) and Engineering Drawing competition (online) titled ‘Draf-Tech-2K21’ on May 15, 2021. During this event, students participated in CADraw (using AutoCad software) and Engineering Drawing (by hand) Competitions. More than 50 students enthusiastically participated in these events.

This event enabled the students to showcase their designing skills and compete with their peers. The drawings were evaluated on the basis of the accuracy, dimensioning, presentation and time taken by the students to complete the drawing.

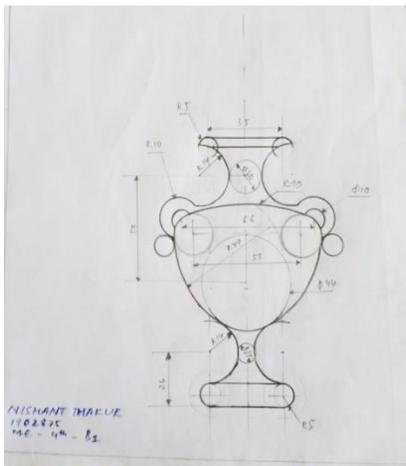
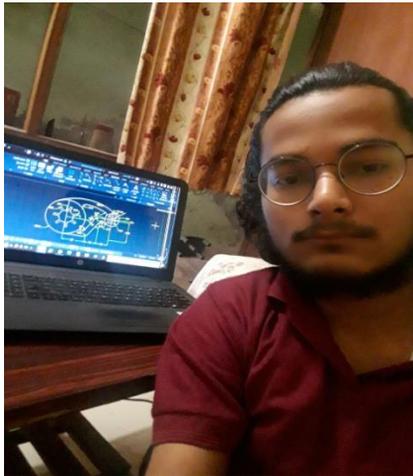
This competition was truly a learning experience for the participants and all the participants were awarded e-certificates. Also, top 3 position holders for each event were declared and their names are as follows:

CADraw winners -

1. Kuldeep 1802812
2. Himanshu 1802792
3. Asadullah 1902816

Engineering Drawing winners –

1. Nishant Thakur 1902875
2. Tarnjot Singh 1802892
3. Mukesh Kashyap 1902869



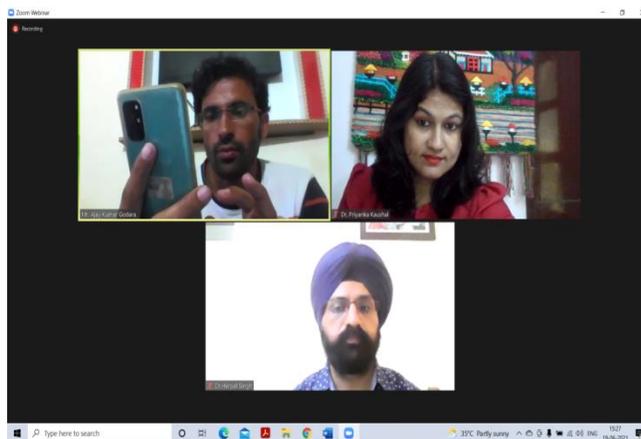
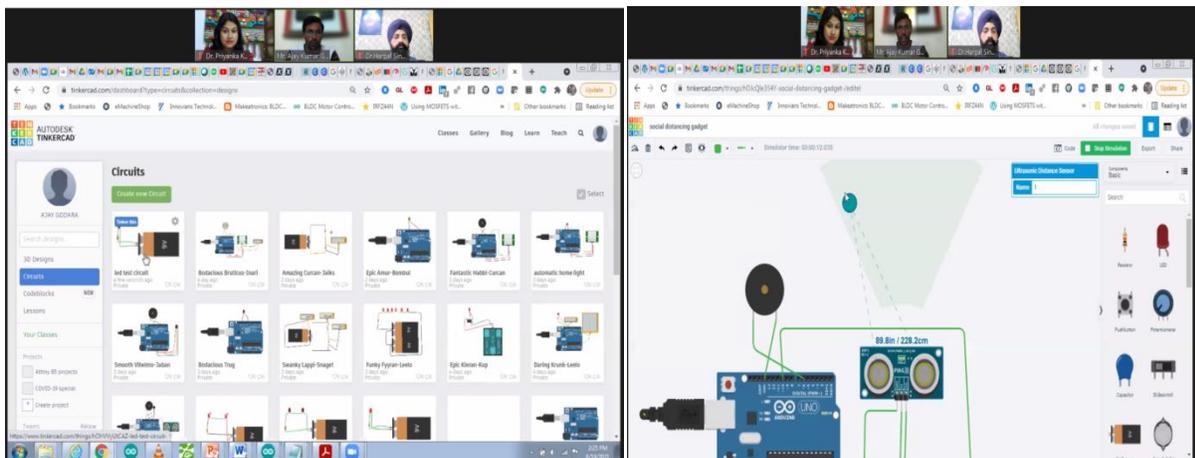
Applied Science Department organized Workshop on “Designing Solutions to fight against Covid - 19”

A Workshop on the topic “Designing Solutions to fight against Covid - 19” was organized on 19th June, 2021 through ZOOM app. This web session was organized for the B.Tech CSE/ IT/ ECE/

ME) first year students and faculty members of CEC, Landran. More than 400 participants had attended this webinar.

This webinar was conducted by Mr. Ajay Kumar Godara. He is founder and Director of Enovation lab (a NITTTTR Chandigarh startup Initiative). He is Innovator & Mentor of Change, NITI Ayog, Govt of India. Mr. Ajay Kumar Godara wisely and precisely described various aspects related to Designing Solutions to fight against Covid – 19 and its applications. He was well efficient to make them understand the importance of these solutions.

He discussed very effectively all the technical details during this workshop. Through the Tinkercad software, many gadgets like Automatic Sanitizer Dispenser, Making a piano, Automatic Door Bell, Social Distancing Gadgets etc.. have been explained so effectively.



Department of Student Welfare and Applied Science Department organized “Jugaad-O-Vation” Event

On the occasion of National Technology Day i.e. on 11th May, the Department of Student Welfare and Applied Science Department jointly came up with an exciting event **JUGAAD-O-VATION**. As innovations can never come out from the textbook knowledge, one has to be creative and work practically to invent something. ‘Jugaad’ is a slang which is defined as -- coming up with some innovative ideas to find a solution to the problem.

The event was divided in two categories:

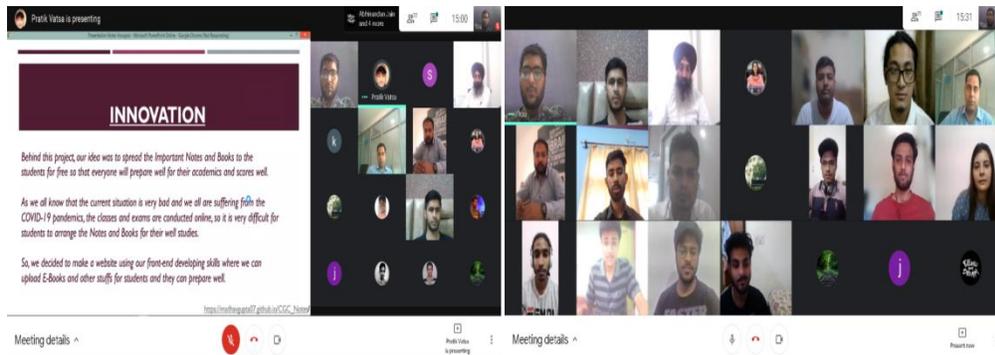
1. Techno Junkies
2. Domestic junkies

The event started on 1st May, 2021 with the participation of 52 students from all the colleges of CGC Landran. 1st preliminary round was on 8th May, 2021 in which Jugaads of 25 students were selected by the team of faculty from various departments of CGC Landran. Further on 9th May, 2021 five finalists were selected from 2nd round i.e. semifinal round by the Department of Rise, CGC Landran.

Winners of JUGAAD-O-VATION were:

- 1st position grabbed by Akash Chauhan (safety device) (COE, Btech Computer science, 1st year)
- 2nd position scored by Depak Mehra (domestic jugad) (CEC, Btech, Computer science, 1st year)
- 3rd position was taken by Madhav Gupta and Prateek (COE and CEC, Btech, Computer science, 1st year)





Applies Sciences Department organized “United Chords” Singing Competition

Music is a unifying form of art that offers powerful lessons about the importance and diversity of innovation. To celebrate the legacy of “JAZZ” The Applied Sciences department of Chandigarh Engineering College, Mohali organized an Inter-departmental singing competition by the name “UNITED CHORDS” on 30th April, 2021. The event was conducted under the leadership of DSW Coordinator Applied Sciences department in coordination with the Excelsior club.

Around 82 entries were received from all over the campus and with 24 shortlisted entries it was extremely difficult to decide the winners. Therefore, the winners were divided into two categories comprising of Male singer and Female singer category.

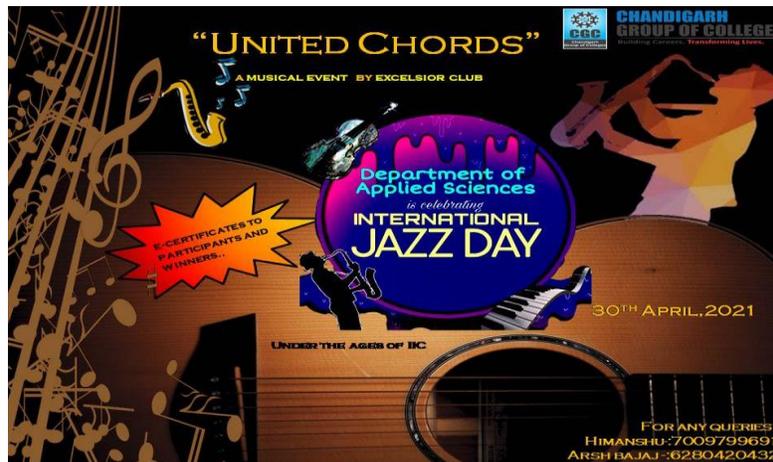
For **Male singer category** the winners were:-

- **1st position**:-Hardik Bhardwaj (BBA)
- **2nd position**:-Yogesh Sharma (CSE)
- **3rd position** :- Hrishikeshbhuyan (CSE) and Aryan Sachdeva (CSE)

For **Female singer category** the winners were:-

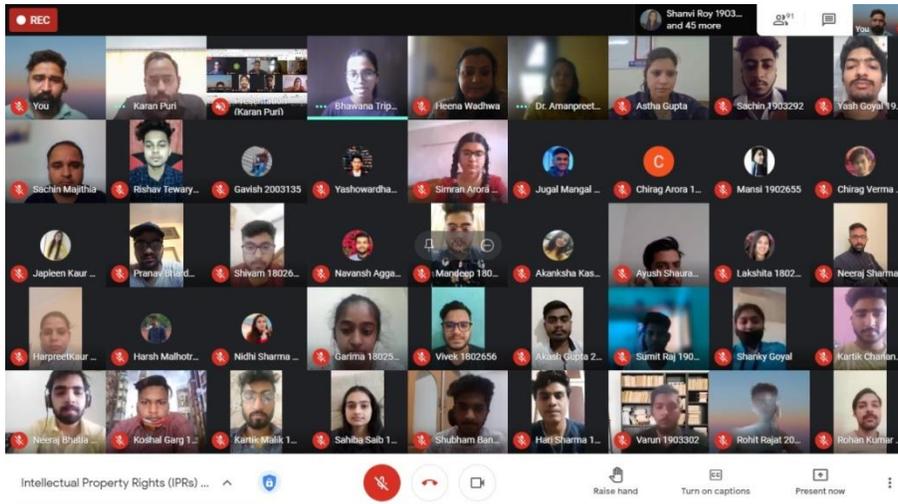
- **1st position**:- Havisha Bisht (CSE)
- **2nd position**:- Komal Bhardwaj (MBA)
- **3rd position** :- Somya Maheshwari (MBA)

A **special Appreciation** was given to **Ankita (MBA)** and **Gurpreet Singh (MBA)** for their commendable performance.



IT Department organized Intellectual Property Rights(IPR) Management for Start-up

IT Department organized Intellectual Property Rights(IPR) Management for Start-up. The speaker for the event was Mr. Karan Puri, who is working as an Associate Vice President at Ennoble IP. He is an IP professional who handles a team of 70 IP experts. His areas of expertise include Infringement analysis, Patentability Searches, Freedom to Operate Searches (FTO), Landscape analysis, Company profiling and Business Intelligence. He also has experience in autonomous and self-driving vehicles, Artificial Intelligence (AI), Machine Learning (ML), Semiconductor Packaging, Block - chain, Computer Architecture and 3GPP/ETSI standards.



IT Department organized Infotsav" Lets Create and Innovate"

IT Department organized Infotsav" Lets Create and Innovate". The students participated in various Technical Events that were organized and were able to gain a lot as well. The event Logic Twist helped students to gain knowledge about Operating Systems, OOPS using C++, Digital Electronics, Aptitude and many more. In the event Cross Tech students were asked to Debate on the given topics in which they learnt about the ongoing technologies and upcoming technologies as well.

CHANDIGARH ENGINEERING COLLEGE
Building Careers. Transforming Lives.

EVENTS:

TECHNICAL EVENTS

- LOGIC TWIST
- DEBUG ENTITY

NON TECHNICAL EVENTS

- LENSTECH
- CROSS TECH

QUIZ ON IT TOPICS

DEBUG THE CODE

PHOTOGRAPHY COMPETITION

DEBATE COMPETITION

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

INFO TSAV
let's create & innovate

ORGANISED BY

- CEC institution Innovation Council and Dept. Of Information Technology

11AM-12PM

17/04/2021

MEET LINK:
<http://meet.google.com/cxk-eotp-vqf>

SOCIAL MEDIA:
@IIC_CEC
@CEC-CGC Hackathon
@IIC_CEC
@MIC-IIC_CEC

IT Department organized Workshop on “Container Innovation” – IT Innovation

This event enlightened the students about newest innovations that keeps featuring the advent of IT. A container ecosystem is one such technology that invades its origin from IOT and strengthens its working in an upgraded level. The event included an interactive session with two guest speakers who were established professionals and they imparted knowledge about their experience, roles and duties, strategy and implementation of professional development with the students.

CHANDIGARH ENGINEERING COLLEGE
Building Careers. Transforming Lives.

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

WORKSHOP ON
"CONTAINER ECOSYSTEM"
-IT INNOVATION

ORGANISED BY
CEC INSTITUTION
INNOVATION COUNCIL &
DEPT. OF INFORMATION
TECHNOLOGY.

Meet link:
<https://meet.google.com/nzy-cekc-fno>

22ND MAY, 2021
11:00AM-12:00PM

S P E A K E R S

ASHISH PANDEY
Lead Engineer,
Havells RnD Bangalore

PRANJAL SINGHAL
Software Engineer,
Havells India Ltd.

@IIC_CEC @CEC-CGHackathon @IIC CEC @MIC-IIC_CEC

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Transforming Lives.*



**CHANDIGARH
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Building Careers. **Transforming Lives.**

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