



**CHANDIGARH  
GROUP OF COLLEGES**

Building Careers. **Transforming Lives.**

## The Communiqué

A QUARTERLY NEWS MAGAZINE

ISSUE JANUARY 2021 – MARCH 2021

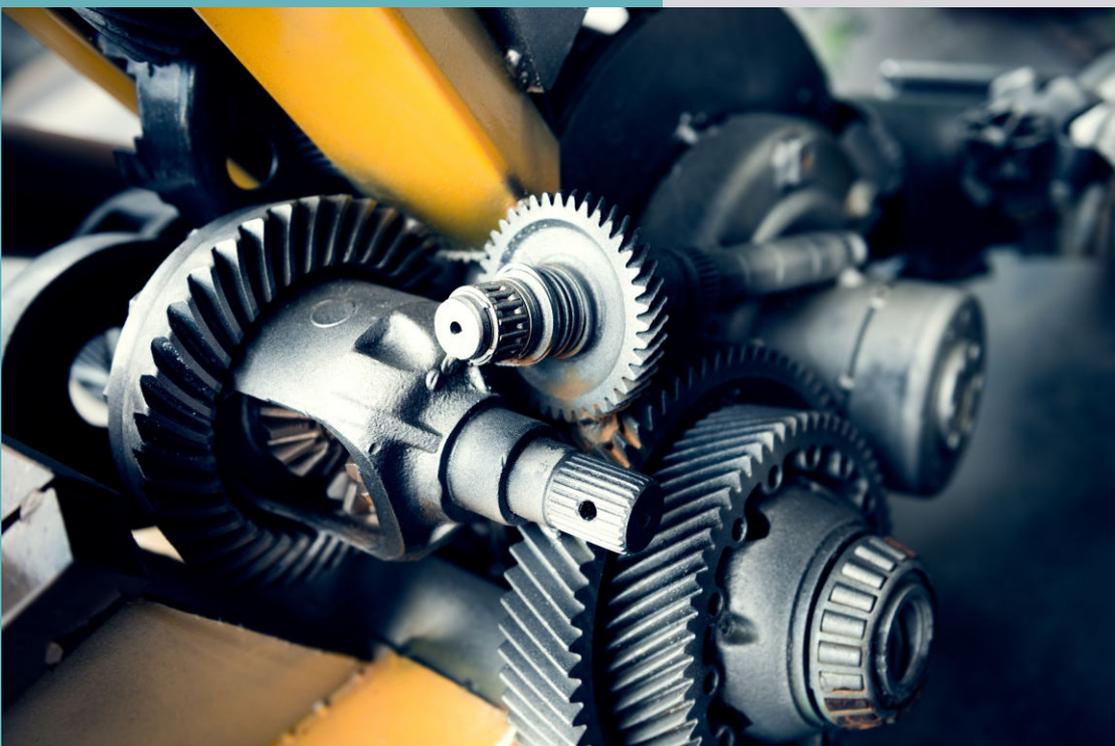
*An Institution of Excellence*

2

0

2

1



### ***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.



## **DIRECTOR PRINCIPAL'S MESSAGE**

Dear colleagues, parents, students, alumni and well wishers, Chandigarh Engineering College, Landran, in these challenging hours when COVID has threatened the world has stood firm for academic growth of the students. This has been due to the powerful vision of the CEC Management. It is the highly committed and dedicated work force of CEC that worked earnestly for bringing laurels to the college even in these trying times.

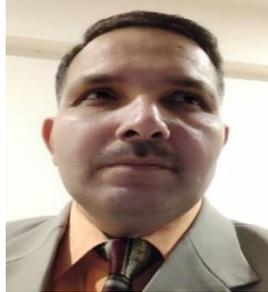
In this issue of Communique we are bringing to you the academic and co-curricular activities conducted by various departments of the college online and offline as the clock was ticking during COVID.

The principal aim of the institution is academic progress of the youth for a bright and progressive India. The institution is playing a pivotal role in the socio-economic development of the rural area. We are more conscious in imparting holistic education to the students, with a strong moral base and that is what has helped the students maintain mental balance even during tough times.

I am thankful to the dedication and commitment of the faculty, supporting staff and disciplined students of our college for bringing laurels to the institution always. I hope that the students would make nascent use of facilities available and become more confident and academically and morally strong.

With prayers,  
Prof. Dr Rajdeep Singh  
Director Principal

## **The Editor**



### **Krishan Kant**

The essential purpose of Chandigarh Engineering College Magazine COMMUNIQUE is to inform, engage and inspire a diverse readership of alumni, faculty, staff, students, parents and others. We make every effort of presenting an intimate, timely and honest portrait of the College. The magazine endeavors to reflect the values and the quality of the institution. By maintaining the respect and interest of its readers we aspire to strengthen their commitment to its welfare.

The editor welcomes suggestions concerning content but can make no assurances regarding the use of suggested or provided material. Although no single issue of the magazine can fully reflect the diversity of the College and its family, the editor will make every effort to represent, over the course of time, the great diversity of interest, opinion, and background inherent in the magazine's readership.

All articles contributed by the students and staff are subject to editing by the editorial staff. The final decision on changes to the article belongs, however, to the management. All material thus received is subject to being edited for brevity and clarity.

## 26 January Celebrated with fervor at Chandigarh Engineering College Landran



The faculty and students of Chandigarh Group of Colleges, Landran embraced the patriotic fervor as they celebrated the 72nd Republic Day of India on the campus. The event began with Flag hoisting Ceremony followed by parade by the CGC National Cadet Corps (NCC) cadets and various performances by the students.

Chandigarh Group of Colleges Landran Chairman Satnam Singh Sandhu and President Rashpal Singh Dhaliwal along with the Management officials extended their heartiest wishes on the occasion.

Addressing one and all present, Chairman Satnam Singh Sandhu said that we all must take pride in being an Indian as the democracy of our nation has bestowed us with lots of privileges. Occasions that celebrate our freedom and nationalism should be commemorated with much enthusiasm and we all being the citizens of this nation should understand our role and dedicate ourselves for the betterment of our country. It is the youth of today that has the responsibility of future on it's shoulders and they must work hard for bringing laurels to their motherland.

## **Lohri Celebrated at CGC Landran**

Chandigarh Group ,of Colleges celebrated the holy festival of Lohri with much fanfare as all the faculty members of the campus once again reached for the celebrations.

The Lohri celebration at the campus witnessed renewed enthusiasm as everyone gathered together after such a long time. Decked up in beautiful traditional attires, students and faculty enjoyed the afternoon while sitting around the holy fire.

President, CGC Landran, Rashpal Singh Dhaliwal along with other management officials lighted the holy bonfire and shared their heartiest greetings with everyone. This was followed by a lot of activities including songs, dances and other activities in which staff, students and management of the college took part.



## **Road Safety Week at CGC**

The Road Safety Week was celebrated at Chandigarh Engineering College here today. Road Safety week started on 11 January, 2021. The special guest on the occasion was Mr. Janak Raj, ASI, In-Charge Traffic Education Cell, SAS Nagar. He undertook a very interesting session with the students regarding Road Safety and also shared certain incidents that could raise the consciousness of youngsters and help in curbing Traffic Violations.

The students and faculty present during the function showed keen interest in learning the basics of traffic management and also how they can wholeheartedly contribute in running the whole system in a smooth manner.

The expert present on the occasion said that it is the responsibility of every individual to contribute for running a system in a successful manner. Educational video programs are conducted from time to time in institutions to guide the youth of the day, he added.



## **National Youth Day Celebrated**

### **Himanshu Gupta and Anirudh win laurels for CEC**

National Youth Day was celebrated with much fervor in the Chandigarh Group of Colleges here today to help the students learn about the philosophy of Swami Vivekananda. It was celebrated with an Elocution Contest on the topic "Relevance of Swami Vivekananda's Teachings in Life of Today's Youth.'

It was delightful to see that youngsters are so inspired by this great visionary's ideologies even today and strive to imbibe them in their day-to-day living.

A total of 195 students participated and 40 were shortlisted for the finale. Among these Bhawya Bansal (MBA) stood first, Himanshu Gupta (B.Tech CSE) came second and Anirudh (B.Tech CSE) grabbed the 3rd position. Two consolation prizes were also given to Aprajita (B.Tech IT) and Dhawan Sehdev (MBA).

## **Expert Talk organized on placements and professionalism by CSE Department**

The department of Computer Science and Engineering, CEC organized an Expert Talk on placements and professionalism by Alumni and Industrial Experts with an objective to provide real time exposure with industrial life to the second and third year students of the department.

Mr. **Vimarsh Garg** (2019 Pass out) delivered the Alumni Talk. He is working as Associate Consultant with T-Systems India. His area of interest is working with different projects and achieves new targets in his field.

Alumni Talk for aspiring students was held to enlighten them about cracking the job interview in a creative manner and what challenges they might face while joining MNCs and industry exposure. Prime objective of the expert talk was to make the students aware about the current corporate scenario and share an overview with them about the journey from being a student to becoming a professional. One hundred seventy five students of the department took part in the event.

It was a good experience said that students as they were able to know what kind of environment is adopted by the companies. Also brief overviews of type of IT solutions provided by the company were enlightened. Experts also shared importance of NBA at student level and also how students are going to benefit from it.

Expert Talk are informative and a good learning experience for the students. The expert sharing his views on the event said that he is overwhelmed to come back to college. He shared his memories how he got campus placement in 2018 and also how he has started his journey from cooperate world to Entrepreneur.

He gave tips to students that they should sit in every campus drive and keep on grooming their skills. He talked on the topic of AWS Cloud Computing and explained to students that “out of the box thinking” is a key ingredient to success in today’s scenario. He

stressed that we have to focus on innovation to be successful in different areas of professional life.

He also demonstrated a live Prototype which they have developed for Irrigation purposes for PAU using Artificial Intelligence technique Alexa , how it works on cloud and how signals are transmitted and fetched over internet using cloud computing.

As per his review the audience was interactive and was very responsive. They have learned about the new technology trends in the IT industry, he said.

## **Expert talk on Needs of Innovation and Patenting under NASSCOM**

Department of CSE, CEC organized an expert talk Under NASSCOM on the topic Needs of Innovation and Patent in today's Scenario. It is time for us to introduce students to latest research and need of filing patents and innovation.

Dr. Neelam Ruhil was the speaker of the session. The event was held on 13 February on Google meet. "There were more than 110 students who participated in sessions. The Expert talk was about need of innovation in CSE department. Students got knowledge about patenting, how to file a patent, generation of idea, carrier opportunities and government acceptance for patent.

Dr. Sukhpreet Kaur, Head, CSE Dept. appreciated the efforts done by the faculty coordinators and the student coordinators.

## **CEC organises Coding Event Brain Hack**

Department of CSE, CEC organized a Coding Event named BrainHack on 06 February. It was organised keeping in view the need to sensitize the students regarding the enhancement of their coding skills.

The event was held on an online coding platform named "Hacker Rank". There were more than 660 students who registered for the event and 462 students participated in various sessions. The event was a Coding Event having 10 programming questions with 4

questions of higher difficulty level and 4 with medium and 2 with low level. The winners in the event were Jiya Uppal, First, Mukesh Mahajan, Second and Abhishek was third. Head of CSE Department Dr. Sukhpreet Kaur appreciated the efforts done by the faculty coordinators and the student coordinators.

## Expert talk on Psychrometry, Comfort conditions and Air conditioning systems and Numericals on Psychrometry

An expert talk on Psychrometry, Comfort conditions and Air conditioning systems and Numericals on Psychrometry was conducted by the Department of Mechanical Engineering here today on 20 February. The expert for the occasion was Dr. Ramjee Repaka.

The objective of the talk was to make the students learn Psychrometry and its numericals, Airconditioning Systems. Students gained the Basics of Psychrometry, Psychrometry numericals and Airconditioning systems during the interactive talk.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Working substance" with handwritten notes in red ink. The slide contains the following text:

- An important aspect in air conditioning is the study of working substance.
- Atmospheric air makes up the environment in almost every type of air conditioning system.
- **Thorough understanding** of the properties of atmospheric air and the ability to analyze various processes involving air is fundamental to air conditioning design.
- **Psychrometry** is the study of the properties of mixtures of air and water vapour, i.e., **moist air**.

Handwritten notes include "liquid", "Water", "Temp", "Room", "Psat", "T", "P", "P = Pa + Pv", "Dry air", "Subsaturated air", "30°C", "Water", "Summ", "Raining day", "Soil", "Subsaturated", and "Path".

The Zoom interface shows the presenter "Ramjee Repaka" and a list of participants including You, Damunas Kalra 180..., Shriyansh Asri 190..., Nimish Gulati 1802..., Gursahib Singh 180..., Ishan Panja 19030..., Shubham Singh 18..., Gaurav Jain 1802778, and Himanshu Agrawal ...

# Interactive Mentoring Session of IIC Calender Activity of MIC held

CEC-IIC and Dept. Of IT organised an interactive mentoring session on “Successful Start-up Founders.” The session was taken by representative of Softech Pvt. Ltd.

Mr. Ishant Raju. There were 156 participants in the program. The program was organised to give the students idea of how to analyze the present market situations and to understand the demands of the corporate sector and also to take it as a future perspective, work on the brand placement.

It was a mentoring event organized to enhance the problem solving skills of the students. The speaker Mr. Ishant Raju made the session very interactive and tried to impart knowledge to the students. He was a great communicator and orator, from basics to profundity he explained it all.



## **SUCCESSFUL START-UP FOUNDERS**



**BY-ISHANT RAJU  
ORGANISED BY-CEC IIC &  
DEPT. OF IT**

## **INNOVATION ON MANUAL TESTING WITH SELENIUM**

Institution's Innovation Council and Department of Information Technology, CEC organized an expert Talk with Alumni on Innovation on Manual Testing with Selenium.

The objective of the event was to make the students well versed with the topic of software testing that's another career option for engineering students, to make the students meet more technical demands of MNCs.

The event INNOVATION ON MANUAL TESTING WITH SELENIUM was organized for the engineering undergraduate students of IT, CEC. The expert who is also an alumna of Chandigarh Group of Colleges, Landran taught the students the basics of Software Testing.

Dr. Shashi Bhushan (HOD), Dr. Amanpreet and Mr. Pardeep Singh were present among the faculty members to encourage and support the students. The event was a huge success as the interaction between the students and the expert was very enthusiastic. The faculty members present found it quite informative.

The Expert presented virtual and practical examples to demonstrate the need of Selenium in manual testing in software Applications. They also explained about the need of Selenium and how beneficial it is in the prospect of software testing. They helped students understand and acknowledge various inputs and components of manual testing which is a fundamental aspect in terms of career in software testing. One hundred seventy one students from the department took part in the event.



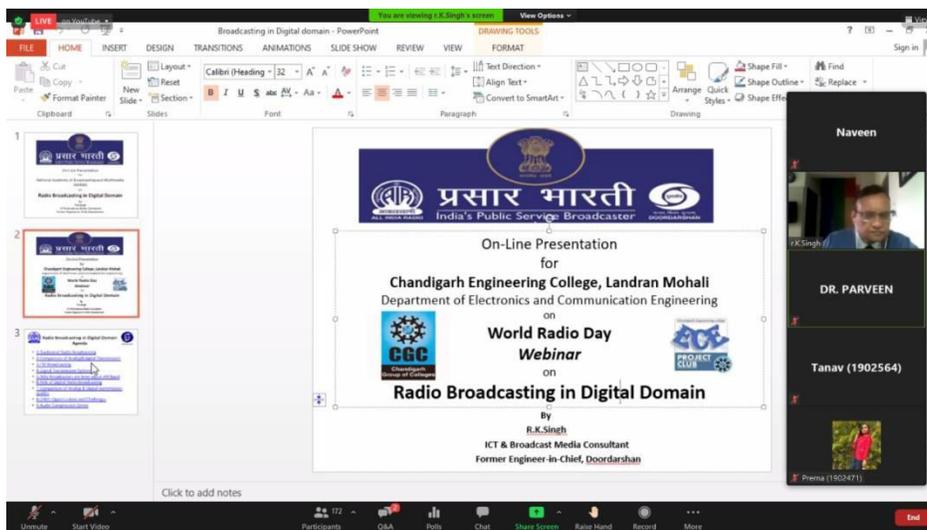
### ***World radio Day celebrated by Electronics Project Club***

On the occasion of World Radio Day on 13 February an exclusive webinar session for students was organized by “Electronics Project Club of ECE Department in collaboration with “Department of Student Welfare” on the topic ‘Broadcasting in Digital Domain’ .

The session was presided over by respected Mr. R.K Singh ICT and Broadcast Media Consultant, former Engineer-In Chief, Doordarshan. He told the listeners about his carrier and Traditional Radio Broadcasting, Comparison of Analog and Digital Domain, FM-Broadcasting, Digital Transmission System, Why Broadcasters Are Keen About AM Band, Role Of Digital Broadcasting, Comparison Of Analog And Digital Transmission

# Quality, DRM-Opportunities and Challenges and Audio Compression Demo.

After this informative session, attendees asked questions and Mr. R.K Singh cleared all the doubts of the attendees.

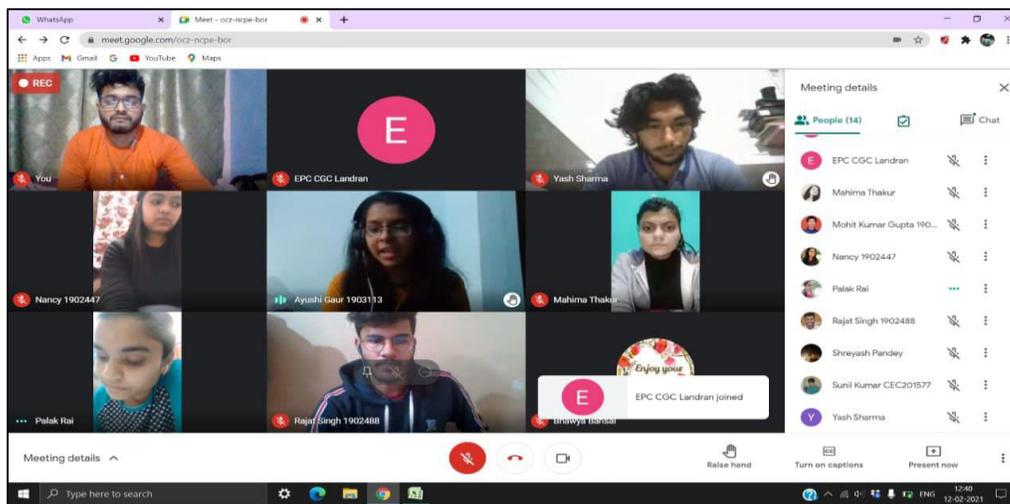


# Electronics Project Club conducts Debate on Parliament House

Electronics Project Club of ECE Department in collaboration with DSW Department organized an online debate competition “**Parliament House**” on 13 February on Google Meet. The main purpose of the event was to have an interactive session for the students of various colleges. Eighty three students from various colleges from Punjab, Chandigarh and Tamil Nadu had participated with full enthusiasm in the first round of the contest.

The Second Round (Final Round) was conducted on 13 February in which 24 participants selected from the Preliminary Round presented their opinion.

BHAWYA BANSAL of Chandigarh Engineering College , Landran stood first, TANIYA SHARMA of Chandigarh Business School of Administration , Landran stood second and NARMATHA . T of Sri G.V.G Visalakshi College For Women ,Udumalpet ,Tamil Nadu stood third.



## Energy Swaraj - An essence of sustainability

AICTE organized a talk on "Energy Swaraj - An essence of sustainability" with students and faculty on 11 March at AICTE auditorium. The talk was delivered by renowned solar energy expert, Prof Chetan Singh Solanki from Department of Energy Science and Engg., Indian Institute of Technology (IIT), Bombay. Several students from the departments of

CSE, IT and ME took part in this event and shared their curiosity for knowing the new technology with the experts.

*The expert on the occasion sharing his views said that energy is everything and everything is energy. Energy is also the major contributor to carbon emissions and therefore, consequential climate change. In the last 20-30 years, we have seen a steep rise in carbon emissions crossing over 415 ppm.*

*Given the current trajectory of energy consumption and thereof generation, energy will become a commodity that will be accessible only to the rich and the poor who have been categorically denied access to it for centuries will be compelled to live in the darkness forever. To ensure access to energy is sustainable for future generations, the current energy patterns need to be relooked. Albeit, the solution lies in going to the basics and bringing in a discipline in the current lifestyle. The cue to curb the energy over-exploitation lies in the Gandhian philosophy of Gram Swaraj, and based on this, the idea of Energy Swaraj is conceptualized.*

*Under Energy Swaraj, the communities or the locals not only consume and generate their own energy needs but also help in generating technology-based livelihoods, a robust rural economy, empowering the local communities, etc.*

*In this perspective, Energy Swaraj is just not generating and consuming energy using renewable sources. It is new sustainability and the economic model enters around energy. Policymakers and politicians around the world can ignore it and suffer or accept it and flourish. This programme was live on Webex and social media platform of AICTE and students and faculty from CEC participated and interacted during the program.*

## ***“How to Plan Start-Up and its Ethical & Legal Steps”***

*A virtual interactive session was organized for MBA final year students on “How to Plan Start-Up and its Ethical and Legal Steps” on 5 February. The session was addressed by an eminent speaker and businesswoman, Ms. Amarpal Kaur, owner of Ardaas Financial solutions and services, Mohali, Punjab. The aim of this session was to describe the process of registration of start-ups, patenting of ideas vis-à-vis elucidating its ethical and legal facets.*

*The pivot of the session was also on the need and enrichment of knowledge on existing start-ups and businesses to generate ideas. Students were highly encouraged to think about their own start-ups leading to the generation of employment.*

Students' queries were taken at the end of the session regarding the difference between start-ups and business, the need to understand the competitor's strategies, the government's policies in developing ideas for start-ups and relaxation given by the government in the initial years of building a start-up. Students gained in-depth knowledge of the need to study the environment for the business and its related ethic and legal issues.



## Student's Corner

### One-Stop Guide to Stress Management

Ms. Bhawya Bansal CEC203003  
MBA 1st Semester

*Today stress is a luxury that everyone can afford. While some amount of stress may be okay, high levels of it can put your health at risk. Stress can impact your physical and emotional well-being, making you unable to live your routine life. If you feel stressed daily and wondering how you can manage, this guide got you covered. Read on.*

#### **MAKE PHYSICAL EXERCISE A PRIORITY**

*If you get stressed, you would probably find it hard to exercise. However, engaging in physical activity can help relieve stress. Fortunately, you don't have to hit the gym several hours daily or become an athlete to gain exercise benefits.*

*Why consider physical activity? According to health experts, exercise can alleviate your mood as it leads to the release of endorphins. It can also distract you from issues that cause you to worry. One of the best ways to benefit from exercising is by creating a regular exercise routine and you can also clean up your house and have a win-win!*

*The first step is to get moving. Here are some simple ways you can incorporate in your daily exercises to make the process stress-free:*

- *Put on your preferred music*
- *Dancing is also exercising!*
- *Cycle or walk to the grocery store*
- *Consider using stairs instead of the elevator*
- *Find a partner to exercise with*

*If you practice stress management techniques and fail to see an improvement, you may need to see a professional for treatment. For example, a chiropractor can assist with neck and back pain issues that can help alleviate stress.*

***EMBRACE TIME MANAGEMENT:*** *“Every minute you spend in planning saves 10 minutes in execution; this gives you a 1,000 percent Return on Energy!” — Brian Tracy*

*You may find yourself having too much on your plate, and without proper time management, stress can build up. One of the best ways to ensure reduced stress is managing your time well. For example, some people can procrastinate on deadlines and projects and wait for the last minute to do tasks. This is not the approach you would want to use because it can lead to unnecessary stress. If you're having trouble with your time management, the following tips can help.*

- *Plan your time ahead of work events*
- *Have a daily ‘To Do’ list*
- *Set reliable goals and deadlines*
- *Prioritize events and tasks*
- *Create time for distractions and interruptions*
- *Be grateful for completed tasks and reward yourself*

## **CONNECT WITH OTHERS**

*Isolation can lead to a feeling of loneliness and stress. If you're facing various challenges, it's vital to have a support system that can help. Studies show that isolation can increase the risk of developing cardiovascular and mental health problems.*

*However, the best part is you can mitigate social isolation, stress, and loneliness by connecting with others. Here is how a support system can help:*

- *Boosting your self-esteem.*
- *Allowing you to handle negative emotions.*

- *Getting motivated during hardships.*

*If you find it challenging to connect with others, you can consider community involvement to meet and interact with others. Here are some things you may want to do:*

- *Volunteer for senior citizen support, beach cleaning, etc.*
- *Joining a creative classes.*
- *Collaborate with like-minded individuals.*
- *Learn a new skill.*
- *Go out in nature.*

*Next time you're stressed: take a step back, inhale and laugh. Remember who you are and why you are here. Trust God, you are never given something you cannot handle. Be strong, be resilient, be fearless - BE YOU!*

## **How would you rate yourself as a Leader or as a follower? To Become A Leader or A Follower**

*Ms. Pearl Jindal, COE202870  
MBA 1st Semester*

*A leader is a person who leads or commands a group, organization, or country.  
A follower is a person who supports and admires a particular person or set of ideas.*

*In our daily life sometimes we act as a leader and sometimes as a follower. There lies a great subtlety in deciding when to lead and when to follow. Even great leaders switch to being a follower if they witness merit in someone's ideas or skills in executing tasks.*

*So, you need to be a funambulist when deciding what role you should play.*

*During your interview, this is the most frequently asked question by your interviewer whether you are a follower or a leader. Think about it: which one are you? If both, how would you rate yourself as a follower or as a leader?*

*How do you answer these questions?*

- Have a pinch of both

*Manifest yourself as a follower as well as a leader. Make them believe that you can follow rules and obey them by being a follower as well as a leader who can guide and instruct a team for goal achievement.*

- Keep it authentic

*Try not to use exaggerated language to impress them but use simple language and along with that showcase your abilities well.*

- *Incline your answer towards your position*

*What position are you applying for? Is it entry-level or managerial level?*

*Incline your answer towards your position. If you are applying for entry-level then focus on being a follower, who is keen to learn and obey.*

- *Mention example : Finally, the best way to rate yourself as a leader and a follower is to cite examples where you became one. If it is your first job, mention examples from your college experience. If not, provide examples from your previous jobs.*

*The best thing an interviewer wants from your side is that you can be what they want you to be. Rate yourself honestly, keep everything real and simple, and remember that the best answers are those with specific supporting examples.*

*Building Careers.  
Transforming Lives.*



**CHANDIGARH  
GROUP OF COLLEGES**

Building Careers. **Transforming Lives.**

**Campus: Landran, Mohali, Sector 112, Landran Greater Mohali, Punjab-140307 (INDIA)**

**Admissions Helpline: +91-95921-04444, +91-95921-14444, +91-95921-24444**

**Toll Free Number: 1800 200 3575 | General Helpline: +91-0172- 3984200 | [www.cgc.edu.in](http://www.cgc.edu.in)**



[www.facebook.com/CGCPunjab](http://www.facebook.com/CGCPunjab)



[www.youtube.com/CGCPunjab2001](http://www.youtube.com/CGCPunjab2001)



[www.twitter.com/CGCPUNJAB](http://www.twitter.com/CGCPUNJAB)



[www.linkedin.com/company/cgcpunjab](http://www.linkedin.com/company/cgcpunjab)



[www.instagram.com/cgc\\_punjab](http://www.instagram.com/cgc_punjab)