



**CHANDIGARH  
GROUP OF COLLEGES**

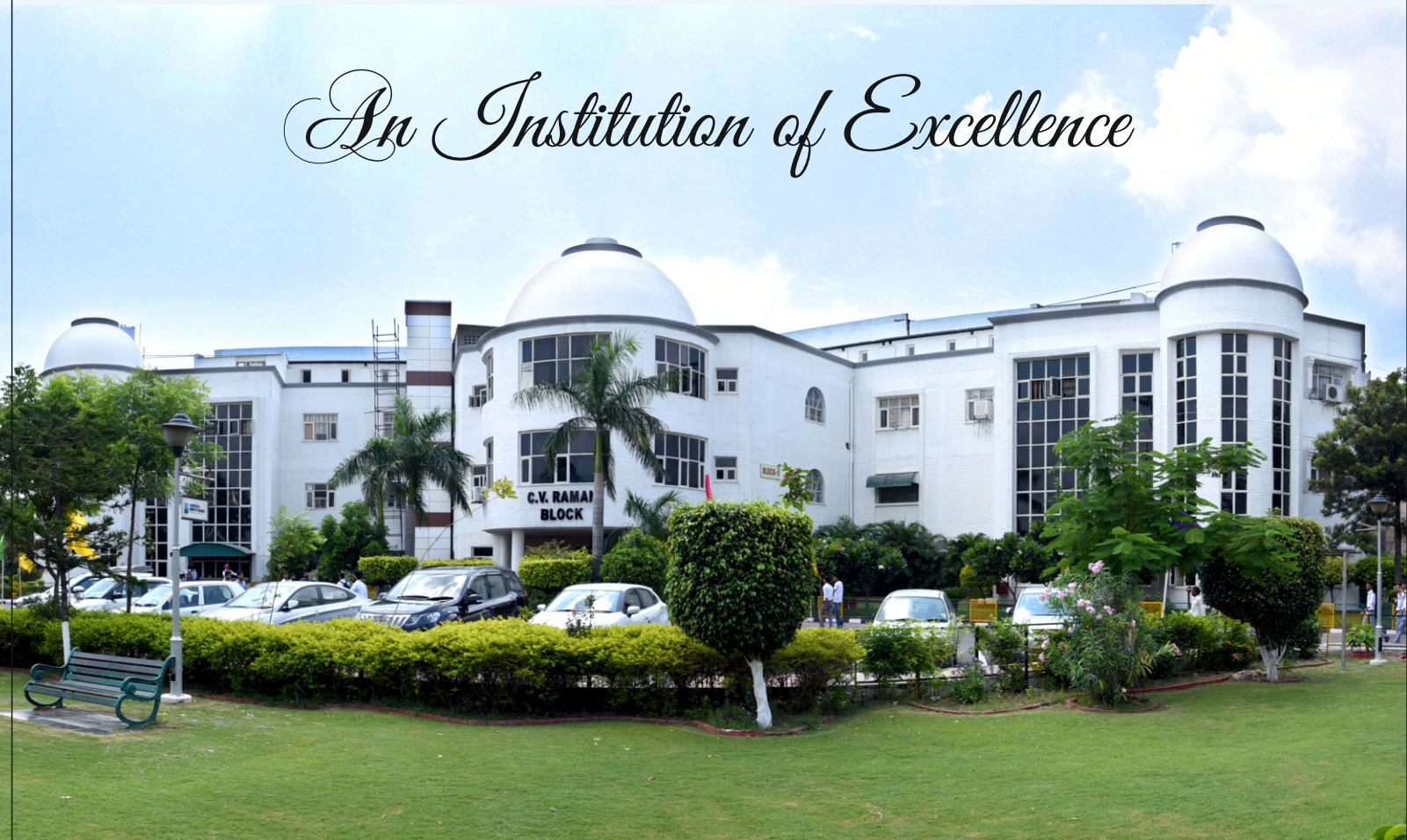
Building Careers. **Transforming Lives.**

*Building Careers.  
Transforming Lives.*

## The Communiqué

A quarterly Newsmagazine | Volume-12

*An Institution of Excellence*



**CHANDIGARH  
GROUP OF COLLEGES**

Building Careers. **Transforming Lives.**

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**Dr. Rajdeep Singh**  
Director Principal-CEC

Having taken over as Director Principal CEC recently, I feel great pleasure in sharing my thoughts to all the readers of this unique Magazine.

The quality of education being imparted in any engineering college is judged by a number of parameters like campus placement, successful entrepreneurs, research projects, patents, qualified

faculty, cultural and sports activities besides availability of state of the art infrastructural facility.

A successful career in engineering requires good technical knowledge, self confidence, impressive personality and

It gives me a great pleasure to note that the quarterly digital News Magazine "The Communique" is ready with issue for the period October 2018-December 2018.

The kind of education, be it theoretical, abstract, pure, applied or inter-disciplinary that CEC has been providing, is useful to the humanity and its sustenance in the global environment. All such initiatives arise out of 'Manthan' or churning of the ocean of ideas. This News Magazine in association with painstaking efforts of expeditious faculty and diligent students is a perfect example of such a 'Manthan' whose ultimate extraction goes to benefit of the larger community.

CEC, as an esteemed college in the Chandigarh Group of colleges (CGC) has always focused on the overall development of its students, faculty and their inter-personal relationships. The

entrepreneur skills. CEC is committed to groom every student accordingly to ensure a rewarding career for them.

My sincere advice to the students and faculty is to create a bonding between them based on mutual trust and respect and to utilize every available opportunity in the college to get exposure to a variety of skills related to technical, academic, extracurricular including sports and cultural activities to become an all-rounder.

On our part, we keep on reviewing our functional set up from time to time to update and continually improve in order to become comparable to any world class institute. I strongly believe, it is a two way process to deliver one's best- management on one side and the faculty and students on the other side which can have a synergic effect to achieve the best outcome in terms of campus placements in blue chip companies amidst the ever-growing global competition.

fundamental skill of the CEC students is to question concepts and inducement to enhance the applications of theoretical concepts, get unbounded under such circumstances, thereby contributing to the overall strengthening of knowledge of all CGC community.

My best wishes for the editorial team and I am confident that the Magazine would open new vistas for the development of knowledge in the relevant field.



**Dr. Manish Mahajan**  
HOD-CSE



**Dr. Lakhwinder Singh**  
HOD-Applied Sciences

I feel immense pleasure in sharing my views with you all through the medium of this News Magazine. The first year of any engineering course is an imperative time for the students and signifies a unique phase of beginning of their professional career. It is therefore important to get their first step right while charting a successful career for them. The Department of Applied Sciences plays an important role for grooming the students and to put them

on the road to success. It not only lays a strong academic foundation of the basic concepts of engineering for the students but also

condition their minds with self confidence and positive thinking. A systematic teaching method of project based learning is used by the faculty to engage and inspire the students to acquire deeper knowledge and skills by thinking critically about the given situations. Moreover, the students are also given personal attention and one faculty mentor for every batch of twenty five students is appointed to monitor their academic performance. In addition, the students are made to participate actively in multifarious activities that are essential for their personality development. For this purpose, the department has established an in house Excelsior Club to organize such activities from time to time.

I would like to mention that first year is also a hard time for the students and my sincere advice to them is to work hard and make the best use of every available opportunity in the college so that they are comfortable for the rest of their course period.

I extend my best wishes to all for the New Year as well as the new session!!



**Dr. Rajesh Sharma**  
HOD, ME

The goal of Mechanical department is to provide high-quality engineering education that includes hands-on experience. Mechanical engineering, considered to be mother of all branches, involves conception, design, manufacturing and maintenance of almost all physical devices and systems. It is one of the broadest engineering disciplines offering students a wide range of career options. The department offers outstanding 4-year B. Tech. and M. Tech program in mechanical engineering that readies its students for taking on the challenges posed by today's rapidly changing technological environment. Our team of highly qualified and experienced faculty members is deeply committed to carve a distinct niche in the academic & professional world.

The Department has laboratory and workshop facilities with state-of-the-art equipment to carry out research in all areas related to Mechanical Engineering.

Our objective is not to merely produce professionals capable to serve their own needs but Endeavour to serve the society with great concern for human values.

My greetings and all good wishes to the editorial team of CEC News Magazine "The Communique."



**Prof. (Dr.) Vinay Bhatia**  
HOD-ECE

**Dear Readers,**

New beginning is a new opportunity to create better ! So I welcome dear students to the novel even semester of academic year 2018- 19. The Department of Electronics and Communication Engineering has achieved consistent improvement in its academic, research and placement performance. It offers a range of innovatively designed programs apart from curriculum are constantly

updated to meet the changing requirement of the industry and also to meet the needs of major stakeholders.

Department of ECE-CEC continues to take dramatic steps forward, advancing the quality of research, education and engagement with the world. I am really elated to tell that the department stands on the strength of experienced and well

qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of my students.

During study at the department, the students are encouraged to get hands-on experience and to take up mini projects to boost theoretical cognizance with practical experience. These projects enable them to work in a group and also help them to admire the importance of teamwork.

With great demand in industry and great placement opportunities the department stands tall and proud. I am sure that our final year students have been well accepted in their job profiles and have consistently exceeded expectations of the corporate world. Our students are academically sound and disciplined but they also organise various events like TATVA and EPC Club activities to showcase their talents under non technical, technical and cultural forums. I believe that my team consisting of ECE students, staff and faculty is capable of doing wonders and will bring laurels to the CEC and the CGC group. It gives me a great opportunity to thank the editorial team of The Communique for successful launch of twelfth Volume. I truly appreciate your nice efforts and wish you all the very best for your future strives.

## SHINING STARS OF CEC

### ACADEMICS OUTSTANDING PTU RESULTS

**43 STUDENTS PLACED IN MERIT POSITION IN 2018**



**Aayushi Sharma-ECE**

**Jasmine Badwal-IT**

**Anriksh Jain-ME**



**Tanishq-IT**



**Sakshi Chawla-ECE**

**Simranjeet Kaur-IT**

**Nikhil Ahuja-ME**

## WOMAN ENTREPRENEUR

### EXEMPLARY PERFORMANCE BY IT STUDENT

Ms. Purnoor, a student of IT Department made her way into the list of top 55 female Entrepreneurs out of 3000 contestants in the 2 day contest 'Start Up Student Mentorship 2018' under the CANADA - INDIA ACCELERATION PROGRAM FOR WOMEN ENTREPRENEURS - A joint initiative of AICTE, INDIA AND CARLETON UNIVERSITY, CANADA.





Aayushi Sharma-ECE

I am Aayushi Sharma, a graduate in Electronics and Communication, 2018 batch. College Phase is one of the most interesting stages in life that gives you an opportunity to explore and we all dive deep into the ocean of new beginnings and possibilities. This golden period equips you for all the challenges you'll face in life and creates a strong foundation of knowledge.

My four years at CGC have been a perfect blend of joy and new

experiences. It gives me immense pleasure to share my own experience for the magazine after being a part of it as the Student Editor during my initial years of B.Tech.

Since first year, the college provided me ample opportunities beyond studies to explore myself. I got to work with various clubs as the Excelsior Club, American Chemical Society, Tech com Professional Society and Entrepreneurship Awareness Camps. This helped me to meet different people, interact with them, learn about their culture thereby contributing to self as a more evolved individual.

In addition, I also got an opportunity to participate in a competition sponsored by Government of India and won a prize of Rs 1 lakh from Department of Science and Technology to complete my

project. I also participated in International Competition CANSAT USA 2018 sponsored by NASA and secured 9th and 5th rank worldwide in 1st and 2nd rounds. Besides that I also filed two patents. These experiences taught me a valuable lesson that "learning is a continuous process".

After four years of being a Class Representative, a topper of my batch and a girl with an image "who is always into her Books" amongst her classmates came the real test of my life i.e. "PLACEMENTS". There is a saying that those who perform well in the university examinations are bookworms and are last to get placements. Like all others I used to study only before exams, bunk a little classes to have fun and participated in a lot of extra-curricular activities. So finally when I got the first one to be placed from ECE, I felt a little relieved that the myth is broken.

So till date I am placed with two companies "ZS Associates" and "Capgemini". Both of these had great offers with a good salary package and other benefits. I sincerely believe that the college, TPP Department and Faculty - all work really hard for our future and make a lot easy for us to get placement through campus as a fresher. A message for all my juniors, the secret to cracking placement drives is just the will to get placed, a pinch of hard work and sincerely focusing on your TPP Program.

I just want to share that the college holds abundant opportunities for each one of you. Just find your potential and keep driving towards your aspirations and ambitions along with substantial hard work in the right direction.



Sahil Sachdeva-ME

**I am Sahil Sachdeva**, a graduate in Mechanical Engineering, 2018 Batch. I always had the dream of travelling the world & CGC converted it into reality! .

My interest in

space got wings when I built a satellite with my Team Incassable for Cansat competition sponsored by NASA. Launching our satellite with scientists from NASA was something unbelievable. We were Asia's 3rd Best and World's 12th Best in successfully launching our satellite at Stephenville Texas, USA.

Parivartan, TEDx, B-starters & more. I was a part of various International clubs like SAE ( Society of Automotive Engineers) and ACS (American Chemical Society). I participated in ACS National Conference held at Washington DC, USA from August 20-24, 2017. I was conferred with an international travel grant of Rs. 1,00,000 by ACS to attend this conference.

In January 2018, I had the honour of receiving the leadership award from Young Chemists Committee, USA. Besides 14 students from USA winning the award, I was the only student among them from across the globe to get this award winning a scholarship to attend this workshop. I was invited to Dallas Texas, USA for attending the leadership workshop and receiving the award.

I visited a total of 16 cities in USA covering all the east, west and south coast. I am really thankful to CGC for 3 back to back golden

opportunities to visit USA in a span of less than six months. All of my expeditions were financially sponsored by CGC & ACS.

I got placed in two reputed companies but my interest shifted onto entrepreneurship. So, I started my own company named "TakenZ" which is an online book rental store.

I hope to continue to elevate the name of INDIA up in every community and to exercise leadership in all areas. I am very thankful to CGC including all the faculty members, management and everyone else who helped me make feel being on the top of the world. CGC has truly transformed my life and built my career.

*I will never settle for anything less than the best.*

Thankyou CGC



Parvesh Garg-CSE

The best thing is in college is that you have to only gain knowledge and need not worry about just marks. Academic grades are just for formality. In placements, all that matters is your knowledge. The interviewer doesn't judge you on your academic scores, all they want is a perfect fit for their company, hence focus on your interests and lay down the road towards your dream company. The most important part in interviewer's point of view is to work

hard on your semester projects, the projects you work on will enable you to grasp your field's knowledge and implement in real life world.

When I joined this college I didn't know anything about computer science. In my first year, I struggled hard to learn coding skills. Self-introspection was the key to know how much I know and

what have I achieved till now. After 1.5 years I focused only on my project works and domain related competitions and I started improving myself. In present times of Internet, everything you strive for is available online. The most difficult part in it was to always focus because in college there are a numbers of deviations.

After this the most difficult part for me was placements. Because when I saw that I was not even clearing the first part of the process and my peers were getting placed. At that time one should not lose hope. Because in our campus there are a number placement drives that occur every year. After a few companies it was my turn. I got placed in WIPRO and IBM process. It was the happiest time for me. But I didn't want to set for lower ones, but to hit for higher packages. And that resulted in getting me placed in renowned companies like Utrade solutions(a Fintech company), and world second largest company AMAZON.

***For me, it was really a dream come true!!***



### Microtek, Parwanoo

The department of Electronics and Communications organized an industrial visit for its 5th semester students to Microtek, Parwanoo which is a leading manufacturer of Invertors, UPS, Chargers and Transformer wires. The students visited PCB Production Block, Copper wire Plant and PVC Section to see the automatic manufacturing units installed in their Plants equipped with Hi-Tech Machines.



### Industrial Automation Training Centre-SIEMENS

The Department of Applied Sciences arranged an industrial visit for the Electronics students to SIEMENS Training Centre, Mohali. The industry experts enlightened the students about the manufacturing processes related to various products like stapler, motor cycle battery stand etc to familiarize students about the subjects of Robotics, Artificial Intelligence and Mechatronics.



### National Dairy Research Institute - Karnal

Mechanical Engineering department organized an educational visit for its 2nd year students to NDRI Karnal . The objective of the visit was to know about fundamentals of Refrigeration and Air-conditioning. In this visit the students were able to know about vapor compression refrigeration cycle and the working of various components of refrigeration system. Through this educational visit students got to know about how milk is processed and preserved with different refrigeration methods.



### CodeX Software Solutions

The Department of Applied Sciences organized an Industrial Visit for its Computer Science students to Codex Solutions Pvt. Ltd., Phase-8B, Mohali . The main objective of the visit was to make the students learn about the present industry trends in IT sector and to strengthen the industry-academia relationship. This industrial visit provided an exposure to students about practical working environment and industrial practices.

## Industrial Automation Training Centre

Mechanical engineering department organized an educational visit for 3rd year students to IATC ( Industrial Automation Training) Panchkula. Through this educational visit students were able to know about how research and nano research is carried out in the machine tool fields. Moreover, they learned about robots working in industries, their programming and components and how they are assembled. Overall the visit gave vital understanding to students which will be beneficial for their academics as well as professional career.

### Guru Gobind Singh Super Thermal Power Plant

Mechanical Engineering Department organized an educational visit for 2nd year students to GGSSTP( Guru Gobind Singh Super Thermal Power Plant) Ropar, Punjab. Through this educational visit students learned about conversion of thermal energy into electrical energy and the working of various components of thermal power plant like steam turbines, cooling towers, condensers, nozzles, generators and many more auxiliary devices like gauges and thermocouples The overall visit gave vital knowledge to students which will be beneficial for their basic fundamentals in thermal engineering.





## Guest Lectures, Workshops & Short Term Courses

### Expert Talk on Computer Networking



The ECE Department invited Er. Subhash Chander Kashyap, Joint Director, TBRL, Chandigarh, an eminent professional to deliver a talk on 'Data Centre Management using Computer Networking' in the Defence Services. He discussed how students can apply in DRDO for training and how implementation of computer networking and data centre services in Defence is carried out. He also elaborated on security issues and challenges for Defence.

### Expert Lecture on the topic “Cyber Laws and ERP”



Department of IT conducted an Expert lecture on “Cyber Laws and ERP” for 5th & 7th Semester IT students. Dr. Himanshu Aggarwal, Professor CSE Deptt., Punjabi University, Patiala, highlighted the concepts of “Cyber Laws and ERP”.

The aim of this lecture was to make students and faculty to be aware on the need and relevance of the subjects “Cyber Laws and ERP” which they are either studying or teaching/using in the research.

The expert discussed that the term Cyber crime refers to all criminal activities done using the medium of communication technology components, the Internet, cyber space and the world wide web (www). Cyber crimes involve criminal activities that are traditional in nature, such as theft, fraud, forgery, defamation and mischief, all of which are subject to the Indian Penal Code.

Dr. Aggarwal also explained the Concepts of ERP and its practical usage. He highlighted the basic concepts of Enterprise Resource Planning (ERP) software, the modern business management tools that let you manage all your processes systematically to perfection, can help you crack the market, providing you with a much-needed business lead.

### Expert Talk on Semiconductor Physics for Engineers

An Expert Talk on Physics was organized by Applied Sciences Department. Prof. S.K.Tripathi from Department of Physics, Panjab University, Chandigarh. He spoke on “Semiconductor Physics for Engineers”. Around 260 students of B.Tech 1st year attended the lecture.



The Department of Applied Sciences, Chandigarh Engineering College under the banner of Excelsior club organized an Expert lecture on the topic "DC Motors and Its Applications" for CSE and IT students. Dr. Shashi Poddar, Scientist from CSIR-CSIO Chandigarh was invited to deliver the lecture who enlightened the students with the types and working of different motors. He also threw light on the applications and future scope of motors in different projects and research areas. The lecture was followed by an interactive session with the students.

### Workshops

Students of CEC participate in various workshops to develop their skills of learning, communicating, listening and building new bonds which has immense value for them as well as for their upcoming future.

### WORKSHOP ON OPTIMIZATION TECHNIQUES

The Department of Mechanical Engineering organized a two day workshop for Mechanical students on the topic “ Optimization Techniques In Mechanical Engineering.” Dr. Ekta Singla, HOD, IIT Ropar presided over the workshop. The students participating in the workshop, learnt about the latest optimization techniques in ME to achieve futuristic design goals including maximizing a desired quality or minimizing of an undesired one in order to achieve minimum manufacturing cost and maximum component life.

### Seminar on Internet of Things (IOT)

Electronics Project Club of ECE department organised a seminar on “IOT” for 3rd semester students. Industry expert Er.Vimal Sharma (PGD in IOT) with 6 years of experience from K3 Launch pad, an authorized franchise of TIMTS was invited.

### IEDC Cell organized Entrepreneurship Awareness Camp (EAC)

IEDC cell of CEC organized an Entrepreneurship Awareness Camp (EAC) to create awareness among S&T students to opt for Entrepreneurship as a career. The program comprised of 12 sessions in which the students learnt how to open a new Enterprise (Business), to arrange funds, to market the product and students also got a chance to interact with entrepreneur (Mr. Dinesh, MD Siemens, Panchkula) through an Industrial visit at Siemens, Panchkula.



### Short Term Courses For Faculty

The college organizes various short term courses for the faculty to improve their teaching and learning skills. Academic short term courses also contribute to their knowledge, resume and experience.

### A Short term course on "App Development"

Department of IT organised the NITTTR sponsored ICT based STC on "App Development" for the faculty of IT and CSE. About 35 participants from various departments of the college participated in the course. The two sessions were taken by Er. Gurdit Singh, Assistant Professor, Department of CSE, PEC Chandigarh. and Er. Vandna, Soft Solutions Mohali, on Creating Layout and styles for Android Apps.

### A Short term course on "Data Science using R"

Department of IT organised the NITTTR sponsored ICT based Short term course on "Data Science using R" for the faculty of IT and CSE. About 37 participants from various departments of the college participated in the course.

Dr. Rakesh Kumar, Assistant Professor, Department of CSE, NITTTR Chandigarh and Dr. Gaurav Kumar, Managing Director, Magma Research and Consultancy, Pvt. Ltd., took a session on Creating and Importing Datasets, Reshaping and Transformation of data.

### A Short term course on "Next Generation Wireless Technologies"

ECE Department organized a Short Term Course (STC) On "Next Generation Wireless Technologies" through ICT Sponsored by NITTTR. This programme was intended to provide the participants a common platform to share the knowledge, experience and innovation in the areas of Wireless Technologies and also an opportunity to interact with eminent personalities working in these areas. Experts from renowned institutes as IIT Ropar, CSIO Chandigarh, REMCOM and NITTTR Chandigarh imparted knowledge on topics such as 5G Fundamentals and Architecture, VANET Research and Challenges, Wireless planning using wireless insight, Edge computing and IOT etc. This STC was attended by faculty of Engineering from CEC Landran and CGCTC Jhanjeri.



## EXCELSIOR CLUB, (Applied Sciences)



### Debate Competition

The Excelsior Club, Department of Applied Sciences CEC organized a Debate Competition on "NEWS CHANNELS - BREAKING RULES TO GIVE BREAKING NEWS." The objective of the competition was to enable young students to find truth from facts and improve their logical thinking ability. About 32 talented and budding orators of 1st year spoke in favor and against the motion. The participants were judged on the basis of their content, coherence, fluency, Lexicality and body language.

Dr. Rohit Verma, HOD Applied Sciences, spoke highly of all the debaters for their logical arguments and convincing presentation views.

1st position : Khushi Babbar  
2nd position : Raghav Thapar  
3rd position : Chirag Jindal  
The competition concluded with the distribution of certificates by the HOD, Applied Sciences.

### Quiz Competition

The Excelsior Club, Department of Applied Sciences CEC organized a Quiz competition to test the technical abilities as well as general awareness of B.Tech 1st year students.

The Quiz had 3 rounds- Account Opener, Need for Speed and Identify the Logo round. Every round was a mixed bag of questions from Science, language, Maths and BEE. The Logo round was a buzzer round which generated a lot of buzz and excitement among the audience too.

The winner team comprised of Mithil Mittal and Himanshu Agarwal. The team of Ayush Saini and Akashdeep Chatterjee won the 2nd place. The event concluded with the distribution of Appreciation certificates to the winners as well as the participants.



### ACS Club organized Exuberance 2018

The ACS (American Chemical Society) Club of Applied Science Department organized "Exuberance 2018" under ACS Student Chapter. The American Chemical Society (ACS) is the world's largest scientific society and one of the world's leading sources of authoritative scientific information. A nonprofit organization, chartered by Congress, ACS is at the forefront of the evolving worldwide chemistry enterprise and the premier professional home for chemists, chemical engineers and related professions around the globe.

A kaleidoscopic energy packed technical and cultural programme comprised of Group Dance, Singing, Skit, Bhangra, Debugging, Open Mic, Group Discussion, Pub G, Cross-fit, Nail Art, Treasure Hunt, Rangoli, Poster Making, Chemistry Quiz, Chemistry Projects and Tick - Tocker. It was followed by Cultural Programme and Award giving Ceremony in which all the winners were awarded with cash prizes, trophies and certificates.



### CSE STUDENTS PARTICIPATED IN NASA SPACE APP CHALLENGE 2K18

A team named DATA ANALYSTS comprising of five students participated in NASA SPACE APP CHALLENGE 2K18 held at Chandigarh University.

The challenge was to develop an application for prediction, detection and visualization of forest fire and our students developed a code in python using machine learning algorithms to achieve their aim. The team got third prize in North Region with a cash prize of Rs. 2000 and an appreciation certificate for their efforts to address the challenges on earth and in space.

### Singing Competition

The Excelsior Club, Department of Applied Sciences organized a Solo Song Competition to bring out the Singing talent of 1st year students. A total of 20 students participated in the event. The students entertained the audience with their enthralling performance showing their mastery over voice modulation, pitch, rhythm and tone. The panel of judges included some of the senior students of CEC- Harshit, Rahul and Vanshika who had acclaimed recognition and won many prestigious awards at state and national level in the field of music and singing.

The participants were all appreciated by the judges and faculty and the winners were awarded with certificates.

**The winners of the competition were :**

**1st position - Toshib**

**2nd position - Avinash Mathur**

**3rd position - Kritika and Tanveer Kaur**



### Eminence 2K18

Department of Information Technology, Chandigarh Engineering College, Landran, organized Inter-Departmental Technical cum Co-Curricular activities under "Eminence 2K18" to provide students exposure and platform to showcase their skills in various fields.

**The events were divided into two categories:**

1. Technical: - The technical activities included Project display, Tech Roadies, Tech Hunt, Debugging, Web Designing and Blind Coding.

2. Non-Technical: - The Non- technical activities included Personality Development, Scavenger Hunt, Riddle me out, Cross Fit, Dark Room and a Gaming Arena (PUBG, CS GO, and NFS).

### Phoenix Club - CSE

#### ZABAVA

Phoenix club of CSE Department organized ZABAVA event for B.Tech. 3rd & 5th Semester students. It was a one-day event which ensured overall exposure of students from technical to non technical and cultural events.

The four Events organized in Zabava were Open Mike, Web Designing, War of 5 and Mock SSB which attracted a large number of students from the college.



### Techcom Club & Electronics Project Club

*The Department of ECE has 2 clubs :*

TECHCOM CLUB which organizes TATVA, a techno cultural event.

ELECTRONICS PROJECT CLUB which organizes Radio Day and also runs a project lab where students share their project ideas and make projects.



### CEC students Bagged Laurels in the PTU Youth Zonal Fest

CEC students participated actively in the PTU Cultural Youth Zonal Fest held at Gian Jyoti Institute of Management and Technology, Mohali from 21st October to 23rd October 2018. Organized by the Department of Youth Affairs, PTU, the theme of the fest was "Youth Against Drugs." The fest was a vibrant one with different cultural activities and a number of enthusiastic participants from various colleges of the region. The students of CEC demonstrated their comprehensive blend of skills and creative talents and won top positions across events. Aayushi Panchal and Lakshya Saxena bagged Gold Medal in

Debate competition. In Creative writing, Gold and Bronze medals were won by Gitanshi Bhutani and Aayushi Panchal respectively. Unnati Bindal won a silver medal in Elocution. Simranjeet Singh also got Silver in Folk Singing. CEC Bhangra team and One Act play team bagged Silver and Bronze medals respectively.

All the winners qualified for Inter zonal Youth Fest held at DAVIET Jalandhar in which Unnati Bindal bagged a silver medal in overall elocution and a Bronze in the Best speaker category. Gitanshi Bhutani won a Bronze in Creative writing competition.



### CGC Girls Prove their Mettle at Youth Leadership Training Camp

IKGPTU organized an eight day camp at Mcleodganj in Himachal Pradesh with an aim to bring the youth together from its various affiliated colleges. Eleven girls from CEC along with Faculty coordinator Ms Nisha Kumari, Assistant Professor in the department of Applied Sciences participated in the camp. The camp provided an opportunity to interact, inculcate spirit of team work, problem solving and life skills besides recognizing their own leadership potential.

A number of fun filled activities which kept the students engaged throughout the period of camp included cultural program, singing, dancing, poetry, acting, anchoring and trekking etc.

### CEC STUDENTS DEVELOP TECHNOLOGY TO DETECT FAULTY RAIL TRACKS

A group of four students of CEC, Ankit Singh and Vijay Singh of Mechanical, Anmol Aneja of Computer Science and Manish Dubey of IT have invented a unique fault detection system for railway tracks. The sensor based fault detection system is capable to monitor, evaluate, record and relay information pertaining to the condition of railway tracks to authorities concerned, who will be alerted to repair the same, thereby preventing accidents emanating due to anomalies on railway tracks.



### ECE STUDENTS' NOBLE GESTURE

ECE students donated easy to use "Sensor operated Smart Walking Canes" "to visually impaired inmates of Institute for the Blind, Sector-26 Chandigarh. This walking stick vibrates to forewarn users about obstacles if any to ensure they navigate the path with safety and ease.



Kushaal Bagga, a student of ECE first year bagged 1st position in Paper Craft in National Level Techno cultural fest 2018.



**Parivartan**, the annual fest of CGC urged everyone to take pledge to spread the message of "Experience the joy of giving" all across. It also aimed at encouraging people to make it a habit to give back to the society for the rest of their lives.



Three students of ECE 5th semester Piyush Garg, Pankaj Kumar Bhagat and Rohini Atri won 1st prize in PROJECT DISPLAY during Parivartan.



### SPORTY SPIRITS

Besides academics, CEC gives due importance to sports and encourages its students to participate in various sports activities to ensure their physical fitness. Our students participated in different sports and athletic events and emerged winners with a huge tally of medals across PTU inter college tournaments.



### CEC Girls and Boys are Handball Champs

CEC Boys and Girls proved their mettle in IKGPTU Handball Inter college Tournament held at SUS, Tangori winning all their league matches. Both the teams played against their formidable opponents and lifted the Champion's Trophy along with glittering Gold Medals.

The Boys Badminton team stood 2nd Runners up at the Inter college Badminton Tournament held at PIMT, Khanna organized by IKGPTU. A team comprising of four players from CSE, ECE and ME Department performed brilliantly as they went on to win 4 out of 5 matches and clinched Bronze medal for their performance.

**FOOTBALL (MEN) :** CEC Football team won Bronze medal in the PTU Inter college Football Tournament held at GTB Dhaka, Ludhiana.

### WEIGHT LIFTING (MEN)

Krishab Rishu Bhasin, Naval Kishore, Gaurav Chamyal from ME, Ayush Ranjan from CSE and Jaspreet Singh from IT clinched GOLD medals and Utkarsh Kapoor from ECE, Shailaish Kaushik and Manik from ME and Kanav Khera from CSE won SILVER medals in the Inter college Weight lifting Tournament held at CGC campus, Landran.

### POWER LIFTING (MEN)

Karan Singh, Manik Kumar and Anshul Soni from ME bagged GOLD medals and Vansh Vasesi and Prajwal Mahajan from ME bagged SILVER medals in the Inter College Power lifting Tournament held at CGC campus, Landran.

### BEST PHYSIQUE (MEN)

Devkaran, Prashant and Sahil Tyagi from ME and Jatin from IT clinched GOLD medals, Mohit Chauhan from ECE won SILVER and Mohd. Yusuf from ECE won BRONZE medal in the Inter college Best Physique Tournament held at CGC campus, Landran.

