



PEC BUZZ

- Bits & Bytes -

THE OFFICIAL STUDENT NEWSPAPER OF
PUNJAB ENGINEERING COLLEGE

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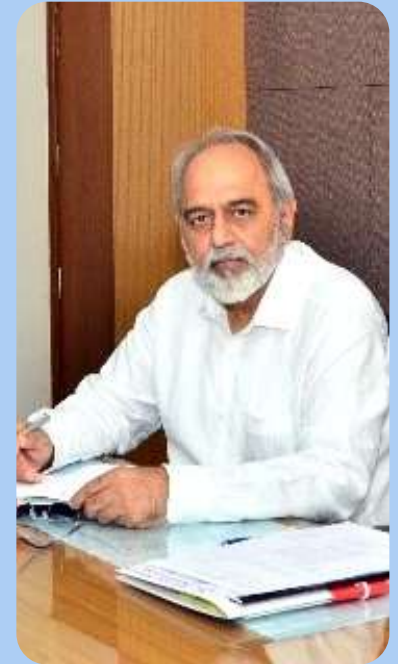




FROM THE DIRECTOR'S DESK

Dear students, faculty, and staff,

I am pleased to announce the publication of the first edition of PEC BUZZ 2023. This edition of PEC BUZZ holds immense significance as it marks the revival of the publication after the halt caused by the Covid-19 pandemic. This newsletter is packed with information about the events and student and faculty achievements over the past academic year and is a great way to stay connected with the institute.



Punjab Engineering College has always been committed to creating an ambience that not only encourages excellence in academic and professional space, but also nurtures creativity and personal growth. Our vibrant campus community constantly buzzes with life and activity. The diverse variety of clubs, organizations and technical societies ensure that there is something for everyone. From academic lectures and sporting events to social gatherings and cultural performances – the past few months have been packed with events and the PEC BUZZ is a mirror of all those activities.

We have a lot to look forward to in the coming months. With the start of the new academic year, we will be welcoming a new class of students, who will bring their own unique talents and perspectives to our campus. I am certain that the platform provided by Punjab Engineering College – a place where students, faculty, staff and alumni gather to earn, grow and create – will ensure that each and every student gets to achieve their full potential.

I hope you all spare the time to read this newsletter.



FROM THE DEPUTY DIRECTOR

It gives me immense pleasure that Punjab Engineering College is publishing the first edition of 'PEC BUZZ - 2023'. This newsletter presents a glimpse of the past year at PEC. It is a record of the achievements of our remarkable students and faculty members and stands as a witness to their relentless efforts in making PEC a venue of excellence.

PEC has always placed a premium on the holistic development of its members. The college has been simply unstoppable in its progress as it has been actively involved in various activities over the past year.

It has been particularly heartening to see the campus come to life after the long pause caused by the pandemic. I am constantly impressed by the enthusiasm, creativity and dedication of our students. Their involvement in these activities is an important part of their education and helps prepare them for the challenges of college and beyond.

Moreover, the highly qualified members of faculty have always carried out their duties with a level of utmost commitment. As a result of their resolve and dedication, we have launched new academic programs, supported student research and made significant contributions to the community.

The collective efforts of our students, faculty and staff make me immensely proud of the work that we have accomplished. It has been an extremely fulfilling year for the institution and I am confident that we will continue to stride along this path of growth in the years to come.



I am delighted that our institute is publishing the latest issue of its newsletter – PEC BUZZ 2023.

PEC

BUZZ is a wonderful initiative to recap all the events and activities at the college over the past few months. This letter also gives me the opportunity to express my sincere gratitude to students, faculty and all the staff members for continued participation in many different activities and programs. Involvement of each one of us is essential to the success of our campus community which is a valuable asset to any institution.



Punjab Engineering College has always been committed to create an environment that not only ensures the academic excellence but also leads to the holistic development of its students. I am aware that the rigour of academics can be quite demanding and challenging at times but resilience and commitment to excellence that each one of us has put in has been extremely impressive. Extracurricular activities provide so many opportunities to meet new people, hone new skills, and explore new interests. They also help develop leadership and teamwork skills, and ensure that our students become well-rounded individuals. I am particularly proud of the many ways that our institution has stepped up and has developed a very vibrant campus life.

In the new academic year a new batch of students will join our community with their own aspirations, new talents and young minds. I am certain that continued involvement in extracurricular activities will help our students to achieve their full potential and I am hopeful that we all will continue to remain committed to maintaining a thriving campus life. The office of the Dean of Students Affairs is here to support you in every way possible.

GLOBAL ALUMNI MEET

11th Feb 2023



A Global Alumni Meet 2023, was organized at Punjab Engineering College (Deemed to be University), Chandigarh by the Punjab Engineering College Old Student Association (PECOSA) on February 11, 2023. Shri Dharam Pal, IAS, Advisor to the UT Administrator, was the Chief Guest of the event. Prof. Baldev Setia, Director-PEC, Prof. Rajesh Kanda, Head Alumni Affairs, Er. H.S Oberoi, General Secretary PECOSA (organisers of PEC Global alumni meet) also graced the occasion with their presence. In his Welcome Address, Er. Teekam Chandra Bali, President-PECOSA, emphasized on the importance of PECOSA and its integral role in connecting alumni from different batches and backgrounds and fostering a spirit of camaraderie and collaboration.

As a part of the event, PECOSA Souvenir 2023 was also released. At this Grand event batches which have completed 15, 25, 35, 50 & 60 years were felicitated by the Chief Guest Shri Dharam Pal. More than 500 guests were present at the global alumni meet from various parts of the country and globally. The program continued with alumni participating in fun activities like Kite Flying, Tambola & Musical Chairs followed by lunch and interaction at the PEC Campus. The fun-filled day of nostalgia was followed by a musical evening with live singers and a lavish dinner, which provided a warm and conducive environment for PEC-Alumni to share their stories and experiences at PEC.



CELEBRATIONS

LOHRI CELEBRATIONS

13th Jan 2023

On 13 Jan 2023, PEC witnessed the grand celebration of Lohri . This festival symbolizes the ripening of winter crops as well as the start of a new harvesting season. PEC left no stone unturned to make it grand and majestic as it was being celebrated collectively after two years of the Covid-19 pandemic.



The festival was celebrated in the football ground of PEC with Prof Baldev Setia, Director PEC lighting the bonfire with PEC staff members to be retired this year, making it a grand event in the presence of all faculty members and staff members from various departments. After lighting the bonfire, PEC faculty members and staff performed parikrama around the bonfire. The celebrations continued with people singing and dancing to various traditional folk songs.



CELEBRATIONS

REPUBLIC DAY

26th Jan 2023

PEC joined the nation in celebrating the 74th Republic Day with grandeur, gaiety, and enthusiasm. The event commenced with the hoisting of the National Flag by Prof. (Dr) Baldev Setia, Director of PEC, followed by the singing of the National Anthem. The event continued with a very synchronised parade by the National Cadet Corps.



It was all followed by excellent speeches by the students of the English and Hindi Editorial Board, Poetry recitation by the Punjabi Editorial Board and a Musical session by the Music Club and a staff member of PEC filled the aura of the auditorium with patriotism. The event continued with a skit by the Dramatics Club on the journey of Indian freedom fighters and was followed by energetic Dance performances by the students. The event concluded with a vote of thanks and the audience singing the National Anthem with a patriotic spirit.

PEC PARTICIPATION AT THE REPUBLIC DAY CELEBRATIONS BY THE U.T. ADMINISTRATION

26th Jan 2023

PEC, Chandigarh joined the Republic Day celebrations by the U.T. Administration at the Parade Ground in Sector 17, Chandigarh. Shri Dharam Pal, IAS, Adviser to the Administrator, was the Chief Guest at the occasion. PEC presented a tableau titled “Naari Shakti”



PEC presented a tableau titled “Naari Shakti”. The Tableau portrayed Palak Mahajan, an alumna of PEC, who was presented with the President's Plaque for being the best all-around officer of her batch at the Air Force Technical College, Vanya Mishra, winner of Femina Miss India, 2012. Malika Verma, Jasmine Bansal, and Amisha Bansal, students of the Engineering Batch of 2022, who were awarded gold medals by the President of India, Smt. Draupadi Murmu, for their outstanding academic performance. The tableau also depicted Dr. Vasundhara Singh (a professor in the applied science department of the college who published her research on a drug as a possible cure for cancer).The second half of the Tableau depicted Kalpana Chawala’s rocket.This tableau also demonstrated Dr. Vandi Verma, who is the operating head for the Mars rover, at NASA.

102nd FOUNDATION DAY

10th March 2023



"Tradition we trust, excellence we envision."

Punjab Engineering College (Deemed to be University) Chandigarh, celebrated its 102nd foundation day on 10th March 2023 in the presence of Shri Dharam Pal, IAS, Advisor to the Administrator, Ms. Hargunjit Kaur, IAS, Secretary Industries, Chandigarh Administration and Shri Amandeep Singh Bhatti, Additional Secretary, Technical Education. On this momentous day Shri Dharam Pal launched the new Tagline "TRADITION WE TRUST, EXCELLENCE WE ENVISION" of PEC. He also mentioned that PEC and UT administration are on the same page to convert PEC into a CFTI/Institution of National Importance. Prof. Baldev Setia, Director PEC apprised the audience of the rich history of PEC, its role in nation building and the need to upgrade PEC to a CFTI.

Industry Academia Expert Lecture Week

20th-24th March, 2023



Industry Academia Expert Lecture Week being observed during 20th – 24th March, 2023 in the Aerospace Engineering Department of PEC .Chandigarh was concluded today. Six experts from BOEING, ISRO, RCMA (DRDO), Honeywell Solutions, IIT Bombay etc. Shared expert talks and experience

- Sh. Harsha R.M. shared his experience at BOEING.
- Dr. Pankaj Priyadarshi delivered an expert lecture on 'Launch Vehicle Stage Recovery'.
- Dr. Rabindra Prasad delivered his talk on 'Friction stir welding/processing of alloys and composites'
- Sh. Deepak Lekhi had delivered his talk on 'Aircraft Safety' and prevention of "light pollution".
- Dr. Jeppu Yogananda had delivered his talk on 21.3.23 on 'Developing Aero Control Systems'.
- Dr. R.K. Pant had delivered an expert talk on 22.3.23 on 'Sustainable Aviation' and expressed the importance of green fuel
- Dr. Rakesh Kumar highlighted the relevance of this INDUSTRY ACADEMIA EXPERT which may be helpful in internship & job opportunities for students and project tie-ups for faculty.
- Dr. Rakesh Kumar thanked Director PEC, Prof. Baldev Setia for his continued support & guidance during the conduct of such academic events.

Industry Academia Expert Lecture Week

"Single-walled Carbon Nanotube Growth by Alcohol Catalytic Chemical Vapor Deposition"



On 22nd February 2023, Punjab Engineering College (Deemed to be University), Chandigarh, in collaboration with IEEE Chandigarh, Subsection and Head, Sponsored Research and Industrial Consultancy organised an expert talk on "Single-walled Carbon Nanotube Growth by Alcohol Catalytic Chemical Vapor Deposition" with Prof. Takahiro Maruyama, Professor of the Department of Applied Chemistry at Meijo University, Nagoya, Japan. The lecture discussed SWCNT growth by ACCVD and XAFS analysis for transition metal catalysts. The event ended with a Q&A session and a vote of thanks.

"Research is creating new knowledge."

Dr. Sandeep Bansal, Scientist C, INSPIRE-MANAK DIVISION, Department of Science and Technology, delivered a lecture on "Various Research Funding Schemes of DST and How to Write Research Project Proposals" at PEC on 27th February 2023. He discussed the vision of DST, various fellowships, and grants available for researchers, and targeted programmes of national priority. The lecture concluded with a question-answer session and interactions with the attendees.



Industry Academia Expert Lecture Week

"Smart Cities"

The Computer Centre, Punjab Engineering College (Deemed to be University), Chandigarh, in association with the Production and Industrial Engineering Department (PEC) organized an Expert Lecture on Smart Cities by Dr. Sanjay Batish, Head Computer Centre, PEC on 23rd February, 2023. Prof. Ravinderjit Singh Walia, was the Chief Guest for the session and Sh. Sushil Kumar and Sh. Prabhsimran Singh Bindra were coordinators for the lecture. Topics included cloud computing, mobile sensors, and IoT, with a focus on practical IoT device creation using Raspberry Pi. The lecture was attended by students from various institutes across India.



"Sustainable Technologies: Air Purification and Fire Fighting Foams"

The Department of Chemistry, PEC, Chandigarh, organised an expert talk on 22 March 2023 under Industry Academia Expert Lecture Week. Dr. Jaspreet Dhau, Vice President of Research and Development at Molekule Inc., USA, delivered a lecture on "Sustainable Technologies: Air Purification and Fire Fighting Foams".

•Dr. Jaspreet Dhau apprised the students about the significance of sustainable development and sustainable technologies in the current time. He shared his research on the firefighting foam and preclinical testing of Air Purification Technologies Against Type II Inflammation and Asthma.

•The Convenor and coordinators expressed their gratitude to Dr. Jaspreet Dhau for sharing his valuable insights and knowledge



Industry Academia Expert Lecture Week



The Production and Industrial Engineering Department of PEC, Chandigarh recently concluded its Industry Academia Expert Lecture Week from 20th to 24th, March 2023. On the final day,

- Mr. Pawan Kumar Sarangal shared his experiences
 - Dr. Mrinmoy Sinha interacted online with participants
 - Dr. Abhay Sachdeva delivered his talk and shared potential application
- Earlier in the week,
- Mr. Prince Sharma an alumnus of PEC Chandigarh had delivered his talk



Prof. R.S. Walia emphasised the significance of this INDUSTRY ACADEMIA EXPERT, and thanked Prof. Baldev Setia, Director (PEC, Chandigarh) and Head (Alumni, Corporate and International Relations).

"Success in the electric utility sector lies in recognizing and adapting to the rapidly changing environment."

On 2nd March 2023, the Electrical Engineering Department of Punjab Engineering College (Deemed to be University) Chandigarh organised an expert lecture on "Challenges and Opportunities in the Future for Engineers in the Electric Utility Sector" by Dr. Suresh Vishwakarma, Professional Engineer in BC Province, Canada. He discussed the electric utility sector challenges, customer expectations, and future specialisations.



Industry Academia Expert Lecture Week

"Group Discussions"



PEC, Chandigarh is having an Industry-Academia Expert. On 22nd March 2023, the Centre of Management and Humanities (CMH), organised two sessions on "Group Discussion" conducted by Amit Hans

- The speaker explained to the students the nuances of group discussion which is an essential part of the corporate selection process as well as other public and private sector jobs.
- He shared certain techniques to overcome the initial inhibition for speaking, and to gradually build on their confidence.
- He pointed out that they should not reduce group discussion into a debate or one-to-one argument with others. Rather, GDs should be considered as a team activity

"How to become an Entrepreneur?"

The Department of Chemistry, on Friday 24 March 2023, organised an expert lecture under Industry Academia Expert Lecture Week. Mr. A. L. Aggarwal, President, Chandigarh Industrial Fastener Association was the guest speaker who delivered the talk on the title "How to become an Entrepreneur?" The lecture was focused on apprising the BE first year students about the technical know-hows of how to start an industrial unit and setting up their own ventures for self-employment. The Department also organised an online expert lecture. Mr. Eklavya Calla, Principal Engineer, GE Gas Power, Bangalore was the guest speaker who delivered the talk on the title "Industrial Coatings for Challenging Applications". He talked about the necessity of coatings on parts and how they influence the end use.



Industry Academia Expert Lecture Week

"From Start-Up Idea to IPO."



PEC organised Industry-Academia Expert Lecture Week from 20-24 March, 2023. On the second day, 21st March 2023, three sessions on the topics, "Start-Up Idea to IPO", "Equity Investing for Long Term" and "Stress Management Through Emotional Freedom Techniques" were organised by the Centre of Management and Humanities (CMH) for B.Tech., M.Tech and PhD students. The first session: Expert Talks at CMH on "Start-Up Idea to IPO" was conducted by Mr. Sahil Makkar, Chairman & CEO, Punjab Angels Network, Chandigarh and a fellow Chartered Accountant. He initiated the talk with the meaning of Start-up, different stages of start-ups, the significance of Idea, scalable business model, how the start-up funding works, sources of funds and the various terms associated with it. Further, he apprised the students about how the students can make a pitch to their prospective investors for their start-up ideas

The second session: "Equity Investing for Long Term" was conducted by Mr. Vishal Prasad, Value Investor and Managing Partner, VP Capital, who discussed the importance of equity investment. The speaker deliberated on the concepts of compound interest, saving, and investment with regard to equity investing.

The third session: "Stress Management Through Emotional Freedom Techniques" was conducted by Dr. Vijaya Girdhar (Government Multi Specialty Hospital, Sector 16, Chandigarh). Dr. Girdhar explained that EFT is a simple technique that can be done by anyone, anywhere, and at any time. It involves tapping on specific points on the face, torso, and hands while focusing on a negative emotion or physical sensation. As you tap on each point, you repeat a statement that acknowledges the issue and affirms your self-acceptance.

PLANTATION DRIVE

20th April, 2023

"It is our collective and individual responsibility, to preserve and tend to the world we all live in."



PEC organised a plantation drive leading to an expert talk aiming to raise environmental awareness among the students, on 20th April 2023. Prof. Baldev Setia, Director of PEC, was the chief guest at the event. ER Gopal Arya, a Renowned Environmentalist was the Guest of honour for the session. Prof. Vasundhara Singh, Dean of Faculty Affairs, Prof. Suman Mor, Panjab University, Prof. Ritu Gupta, Panjab University, and Mr. Prabhunath Sahi also graced the occasion with their presence.

DRUG DE-ADDICTION

28th March, 2023

"Recovery is about progress, not perfection."

National Service Scheme (NSS) Unit of PEC, Chandigarh organised an AWARENESS PROGRAM ON DRUG DE-ADDICTION at the campus on March 28, 2023.

- Dr. Nelu, was the guest speaker for the event.
- The event started with a floral welcome of the chief guest by Dr. Jaimala Gambhir.

Dr Nelu started the session by apprising students about the stages of substance use, substance abuse and addiction.

The session progressed with a question answer session and ended with an activity in which students were asked to fill a questionnaire.



PRODUCT DEVELOPMENT FROM ECO-FRIENDLY MATERIALS

27th March, 2023



The Department of Mechanical Engineering, PEC, Chandigarh, today organised one-day workshop on “Development of Product & Process from Eco-Friendly Material”. The workshop was sponsored by the Punjab State Council for Science & Technology.

Prof. Baldev Setia, Director of PEC, was the chief guest of the inaugural ceremony.

Dr. Inderdeep Singh and Dr. Sonal Atreya, IIT Roorkee, were the expert speakers

The one-day workshop covers the following topics:

- Need of sustainable manufacturing
- Tools and methods for sustainable process and product design
- Development of composites from Environment-friendly materials
- Role of Ergonomics in the development of a product from green materials
- Behaviour of Green fibre and Matrix for Sustainable products

Prof. Baldev Setia, Director PEC, complimented the organising team.

The inaugural ceremony concluded with a vote of thanks by Dr. Sanjeev Kumar

EMERGING SUSTAINABLE DEVELOPMENT TECHNOLOGIES

10th April, '23



PEC, Chandigarh hosted a seminar on “Developing & Using Emerging Technologies for Sustainable Development” on 10th April 2023

•Dr. Pawan Taneja, Faculty, Indian Institute of Public Administration, was the chief guest at the event. Prof. Baldev Setia, Director PEC, Dr. Arun Kumar Singh, Dr. Vasundhara Singh, and Dr. D.R. Prajapati, graced the occasion with their presence.

•The event progressed with a detailed presentation by Dr. Arun Kumar Singh, and Dr. Vasundhara Singh, Dr. Arun focused on the effective academic practices of PEC, Dr. Vasundhara Singh focused on best research practices in sciences at PEC.

The session ended with a vote of thanks

The delegates also visited the state-of-the-art research facilities, which include the Semiconductor Research Centre, Centre of Excellence Siemens, Production and Industrial Engineering Department and Material and Metallurgical Engineering Department.

102nd SENATE MEETING

17th March, 2023



PEC, Chandigarh held its 102nd Senate Meeting on 17th March 2023 to discuss important agendas related to the Institution. The meeting was presided over by Prof. Baldev Setia, Director PEC.

Major Agendas discussed at the meeting:

- To consider the restructuring of UG seats
- The restructuring of Post Graduate seats was also discussed.
- The Senate also proposed to start a new M.Tech Program in Computer-Aided Design /Computer-Aided Manufacture
- The proposal to confer an award in the form of a scholarship in memory of Lt. Mr. Kaushik Mahajan (Batch 1992-96).

PECMUN 2023

19th February, 2023



"Free speech and debate are essential in our search for the truth."

The PECMUN 10th edition, a 2-day diplomacy celebration, was organised by SAAS at Punjab Engineering College (Deemed to be University) Chandigarh on February 18-19, 2023. Over 200 delegates from colleges like IIT Delhi, St. Stephen's College, IIT Mandi, Thapar University of Technology and Khalsa College Delhi attended. Five committees were set up to give students an introduction to the UN's functions and discussed socio-political and socio-economic issues.

74th ANNUAL ATHLETIC MEET

17th-19th March, 2023



"Running is not just exercise , it is a lifestyle."

The 74th Annual Athletic meet was held at PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY) from 17 to 19th March 2023 .Prof. Baldev Setia, Director of PEC, was the chief guest of the inaugural ceremony. Various track and field events were conducted, including sprint races, cycling events, and fun athletic events .The event continued with a Prize distribution ceremony and vote of thanks by Dr. Sarabjeet Singh, ADSA Sports. Sh. Nitin Kumar Yadav, IAS, Home Secretary, Chandigarh Administration was the Chief Guest of the closing ceremony of the three day event.

UDAAN

24th-25th March, 2023



"Success is not final; Failure is not fatal; It is the courage to continue that counts."

PEC, Chandigarh, started-off with "UDAAN- A Higher Education Initiative" on 24th and 25th March 2023. UDAAN" is an initiative by Career Development and Guidance Centre. It is a consolidated Program that addresses all the issues and is a one stop solution for students opting for higher education. The session aims to motivate students to opt for higher studies by involving insights into areas such as career options in Research in India and abroad, International opportunities and prospects of Management Studies, and more through various speakers who are experienced in this field.

PRAN

20th April, 2023

Punjab Engineering College, hosted an event titled "PRAN" on 20th April 2023, organized by the CDGC, which aimed to help aspirants prepare for the UPSC-CSE. The event aimed to provide a platform for aspirants of UPSC to interact with experts and alumni from the field of civil services so as to get necessary guidance to help them prepare for this highly competitive exam. The event was graced by IPS Kanwardeep Kaur, SSP, Chandigarh, as the chief guest. Prof. Baldev Setia, Director PEC, Dr. Poonam Saini, Prof. In-charge, CDGC and Dr. Sudesh Rani, faculty coordinator, CDGC were also present.



" Setting goals is the first step in turning invisible into visible."

21st April, 2023

LAKSHAY



PPunjab Engineering College, Chandigarh, successfully organized "LAKSHAY" an event for the SSB aspirants on 21st April, 2023. The event aimed to provide a platform for aspiring students who wish to pursue a career in the Indian Armed Forces.

E-SUMMIT

15th-16th April, 2023



"The main difference between a hobbyist and an entrepreneur is a plan."

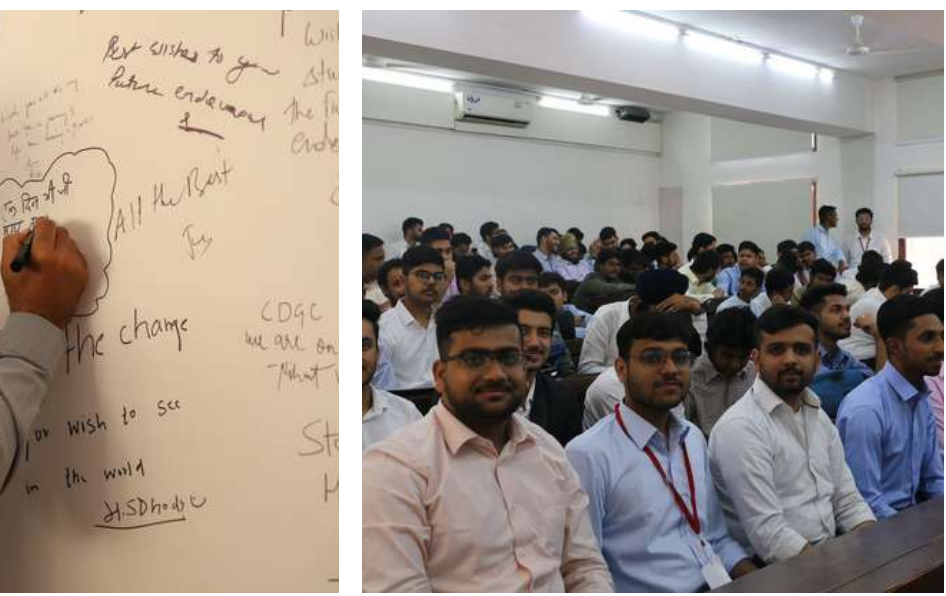
The EIC, PEC organised its flagship event, PEC's E Summit on 15th and 16th April 2023.

Prof. Baldev Setia, Director, PEC was the chief guest at the inaugural ceremony. This two-day celebration of entrepreneurship was graced by Prof. Sandeep Salodkar, Co-coordinator, E Summit, Prof. Alka Jindal, Co-coordinator, E Summit, Mr. Harit Mohan, Founder and CEO of Signicent Information Solutions, Aseem Ghavri, Drishti Kharbanda, CEO of Women Made Craft, Ms. Sartaj Lamba, Founder and CEO of Besure Buddy Pvt. Ltd. , Kanika Rajdev, CEO of Mindcog, Shaira Kansal, CEO of Kaam India, Aditya Saini, Founder and CEO of Divine Media, Ishaan Arora, Co-founder of FinLadder, Hardik Banga, Founder of AcadBuzz, Paritosh Anand, founder of Believe Clothing an WeSmile media , Mr. Nikhil Doda, Co-founder and COO of Archian Foods Pvt. Ltd. (Lahori Jeera) and Vishal Malhotra , actor and entrepreneur.

There were several fun events during these two days like Baazaar- the stock market simulator, BizQuiz, Build and Pitch, Startup Expo, Funding Conclave, IPL Auction, Treasure Hunt, Open Mic and many more

PRE-PLACEMENT TRAINING

8th-10th April, 2023



"Believe you can and you are half way there."

Career Development and Guidance Centre (CDGC) of Punjab Engineering College (Deemed to be University) Chandigarh, today concluded its three day Pre-Placement Training event.

Two New initiatives were taken by CDGC: - the Official CDGC website - CDGC Resources: A repository containing the necessary info and tips to ace company recruitment processes. Prof. Baldev Setia, Director, PEC graced the valedictory ceremony with his august presence.

SPECTRUM

29th-30th April, 2023



"I don't paint dreams or nightmares, I paint my own reality."

— Frida Kahlo

The Art and Photography Club expressed immense joy and gratitude as its flagship event, SPECTRUM - 'The Stroke of Creative Minds', ended on April 30, 2023. The event started from April 29, 2023. Prof. Deoraj Prajapati, DSA, Punjab Engineering College graced the event at the inaugural ceremony. The themes were 'Celebrating Nature and Art and Architecture' for college students and 'Digital India, Connecting India', for school students. The judges for the event were Bheem Malhotra, Honorary Chairman, Chandigarh Lalit Kala Academy, Associate Professor, CCA, Dr. Anand C. Shende, Professor of Applied Arts and Subhash Shorey, Professor of Fine Arts.

**DR. KALPANA CHAWALA
MEMORIAL DAY AT PEC**

PEC's Aerospace Engineering Department organized a memorial lecture in honour of Dr. Kalpana Chawala, featuring Dr. Shashi Bhushan Verma as the guest speaker. Dr. S.C. Sharma, who taught Dr. Chawala, was a guest of honour, and Colonel R.M. Joshi also attended. The event included floral tributes and Dr. Verma's discussion of flow control strategies and rocket nozzle design. Dr. Sharma shared personal experiences with Dr. Chawala, and the lecture included a Q&A session with students and faculty. The department has held Dr. Chawala's memorial lectures annually since 2018.

Dr. Shashi Bhushan gave a lecture on flow control strategies and rocket nozzle design, followed by Dr. Verma's talk on aerospace research challenges and future prospects. Q&A session with faculty and students followed

DR. J. K. ARORA MEMORIAL LECTURE

10th February, 2023

The Electrical Engineering Department of Punjab Engineering College organized the 7th Dr. J. K. Arora Memorial Lecture on "Frugal 5G Networks: Towards IEEE P2061 Standard" on February 10, 2023. Prof. Abhay Karandikar, Director of IIT Kanpur, delivered a detailed presentation on the key challenges and requirements for connecting the unconnected, focusing on the IEEE P2061 Architecture, its framework, and design principles. He highlighted the vision of providing broadband access to rural areas by addressing these challenges. The session concluded with a question-answer session and a vote of thanks by Prof. Rintu Khanna. Prof. Baldev Setia and Prof. Jagdish Kumar extended a warm welcome to the dignitaries, paying tribute to the late Prof. Dr. J.K. Arora, a gold and silver medallist from PEC.



30th January, 2023

OBSERVANCE OF SILENCE AT PEC



Punjab Engineering College, on 30th January 2023 at 11.00 A.M. observed two minutes of silence in the memory of those who sacrificed their lives in the struggle for India's freedom.



SCC's VALENTINE'S DAY CELEBRATIONS

14th February, 2023

The members of the Student Counselling Cell of PEC decided to commemorate the celebration of love this Valentine's Day. They chose to visit an orphanage and an old age home, managed by Kartar Asra Trust, located near Chandigarh. Kartar Asra Trust is a registered NGO, running on non-profit basis. They manage a home dedicated to poor children and elderly people. It was a unique opportunity for students to interact and share their love with the underprivileged.

**OATH TAKING CEREMONY**

18th January, 2023



Punjab Engineering College organised an Oath taking ceremony administered by Prof Baldev Setia, Director PEC on the occasion of National Girl Child Day (NGCD) on 18th January 2023 at 11.00 A.M at the senate hall and various departments of the campus.

GILLCO INTERNATIONAL SCHOOL VISITS PEC

2nd February, 2023

59 Students of Gillco International School, Mohali accompanied by PEC alum, Tarun Gupta, Director-Communications & Career Counseling and their teachers visited PEC on 2nd February, 2023. The visit was coordinated by the office of the CDGC. The students visited two state-of-the-art facilities of PEC; the Siemens Centre and the semiconductor lab. The students got an opportunity to understand the applications of emerging technologies and their far ranging effects towards improving the living standards.



STUDENTS FROM GMSSS, MAULI VISIT PEC

1st February, 2023



36 students of GSSS, Mauli Jagran (V), Chandigarh accompanied by their teachers visited Punjab Engineering College, on 1st February 2023. The students interacted with the Computer Science Department regarding the latest technologies and IT trends. They got an opportunity to have a glimpse of machines working in real-life and how these coming-up technologies can uplift the living standards.

MEET THE EXPERTS, IIT BHU

Feb. 26-17, 2023

"Research is to see what everybody else has seen, and to think what nobody else has thought."



Meet the Experts, a two-day interactive meeting of members of CSIR Research Council for Organic & Medicinal Chemistry was organised at IIT Bhubaneswar on 26th and 27th February 2023 by Prof. Sujit Roy, Prof. of Chemistry at IIT Bhubaneswar. The meeting was chaired by Prof. Vinod. K Singh, IIT Kanpur, former Director of IISER Bhopal. The meeting was attended by Dr Vasundhara Singh, Prof of Chemistry at PEC as one of the experts along with other subject experts from IIT Kanpur, University of Pune, BITS Hyderabad, BHU Varanasi, IACS Kolkata, IISC Bangalore, NIPER Mohali etc. The interaction was for "How to write proposals and other issues related to CSIR Projects".

PEC FACULTY AS ASCE PRESIDENT

"Civil engineers build the world we live in."

The American Society of Civil Engineers (ASCE) represents more than 2,00,000 members of the civil engineering profession in 177 countries and has headquarters in the USA. In recent developments, ASCE HQ announced the results of the elections of office bearers for its Northern Region (comprises Delhi, Punjab, Haryana, UP, UK, Jammu, etc.) for the term 2023- 2025. Dr. Har Amrit Singh Sandhu, faculty in the Civil Engineering Department at PEC Chandigarh was elected the ASCE IS North Region President for 2023-25. Further, his name was also announced as President-Elect for the whole ASCE India Section during 2025-27. Dr. Sanjeev Naval, heading the Department of Civil Engineering at DAV Institute of Engineering & Technology, Jalandhar, elected Secretary of ASCE Indian Section - Northern Region. Dr. Ankit Bansal (Assistant Engineer, PAU Ludhiana) was elected Treasurer of the same body.



PMSSS SESSION

2nd February, 2023



***"Diversity is being invited to the party;
inclusion is being asked to dance."***

An Interactive session for the beneficiary students of Jammu & Kashmir and Ladakh under the Prime Minister's Special Scholarship Scheme (PMSSS) was organised on 2nd Feb 2023 at PEC by AICTE. Prof. T.G. Sitharam, Chairman of AICTE, was the Chief Guest of the Session. Prof. Baldev Setia, Director PEC, Sh. Rakesh Kumar Ganju, Assistant Director AICTE, Dr. Neeraj Saxena, Adviser-AICTE, Prof. Rajendra B Kakde, Adviser-AICTE, Dr. R.K. Soni, Adviser-AICTE and Sh. Ajeet Angral, Consultant AICTE, graced the occasion with their presence. The event aimed at increasing awareness among students about PMSSS.

B.R. AMBEDKAR JAYANTI

14th April, 2023

"There is only one caste, the caste of humanity."



132nd Birth anniversary of Bharat Ratna Dr. B.R. Ambedkar was celebrated in PEC on 14.04.2023. The function was jointly organised by Dean Students Affair, SC/ST/OBC Officers' Welfare Association and PEC Employees Union. Various competitions such as painting, quizzes, essay writing etc. were organised by various student clubs & societies of the institute. Prof. Baldev Setia, Director, was the Chief Guest. The celebration was attended by Registrar, Deans, Heads of various departments & Centres, Faculty members, staff members and students of the institute.



BLOOD DONATION CAMP

11th April, 2023

"Your little effort can give others a second chance to live life."

NSS Unit of Punjab Engineering College, in coordination with the Post Graduate Institute of Medical Education (PGIMER), Chandigarh, organised its biannual Blood Donation Camp at the centenary hall on 11th April 2023. A total of 223 units of blood was collected. Ms. Kanwardeep Kaur, IPS, SSP, Chandigarh, was the chief guest of the event. Prof. Baldev Setia, Director, PEC, and Prof. D. R Prajapati, Dean of Student Affairs, graced the occasion with their presence. The event was coordinated by Prof. Jaimala Gambhir and team.



CENTRAL BANK DIGITAL CURRENCY OUT-REACH PROGRAM CONDUCTED AT PEC



State Bank of India, PEC, and ICICI Bank jointly organized a function to launch the Central Bank Digital Currency (CBDC) issued by the Reserve Bank of India on 25th January 2023. The event was conducted by Mr. Anuj Ranjan, General Manager, RBI, Mrs. Varsha Bajpai, General Manager (HR), RBI, Mr. Vinod Jaiswal, Chief General Manager, SB,I and Mr. Jasminder Chahal, Tricity and Punjab Head, ICICI Bank. The event focused on describing the advantages of the digital currency touching on various related issues such as the trust, safety, liquidity, settlement finality, and integrity of the CBDC. The officials also explained the various reasons behind the issuance of CBDC. The major ones included cost reduction of issuance of money and transactions, convertibility of CBDC from and to commercial bank money and cash etc. The session saw interactive participation and was a huge success as it enlightened the students and faculty members attending the event about CBDC as an emerging technology in all segments of markets across India.

TWO-WEEK-LONG FDP

18th-20th Jan., '23



The Department of Production and Industrial Engineering, PEC, on 20 Jan 2023 concluded its 2-week long Faculty Development Program (FDP) on "Digital Manufacturing Technologies: Forecasting the Future of Industry". The Program was sponsored by AICTE Training and Learning Academy. Prof. Baldev Setia, Director, PEC, was the Chief Guest of the valedictory ceremony, and Professor Qasim Murtaza, Delhi Technological University, graced the occasion as the Guest of Honour. The FDP commenced on 9th January 2023 in a hybrid mode, starting with online expert lectures by eminent experts and group discussions in the first week, the FDP was followed by practical sessions and presentations in the following week. Various experts from top research & technological institutes delivered lectures on advanced and interesting subjects like Machine Learning applications in Digital Manufacturing, Smart Manufacturing, IIOT, etc. Some of the renowned speakers were: Dr. Pradeep Kumar (Prof., IIT Roorkee), Dr. Girija Moona (Sr. Scientist, CSIR), Dr. Rupesh Kumar (Prof., IIM Kozhikode), Dr. R. S. Walia (HOD, Prod. Engg. (PEC)), Dr. C. S. Jawalkar (Prof., Prod. Engg., PEC). The event concluded with Prof. N.M Suri giving the vote of thanks. The Program witnessed enthusiastic participation from research scholars, faculty, and students of various institutes like IIT, NIT, PU, DTU, and many more.

THE ART



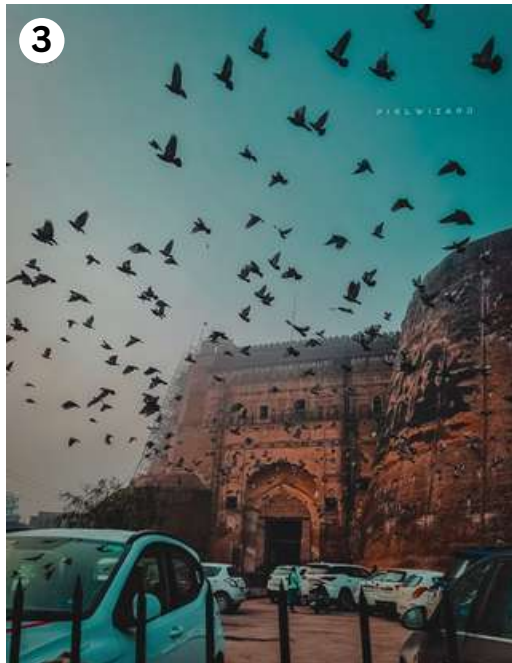
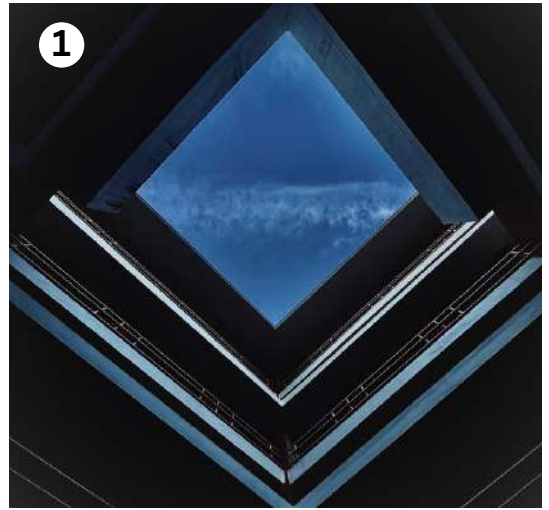
THE ARTISTS

1. Mehakpreet Singh Bhatti (20104116)

2. Aryaveer Singh (21103004)

3. Akshit Singhal (21104080)

BEHIND THE LENS



1. Abhineet Mishra (211021076)
2. Mishank Kumar (21103107)
3. Mehakpreet Singh Bhatti (20104116)

FROM THE POETS

तबियत

ये कौन है दरवाज़े के उस पार,
जो नीचे से , एक लिफाफा सरका गया है,
घर-घर में बातें पहुँचाने वाला
जो किसी के दिल की बात, मेरे घर में बतला गया है।
खटखटा देता अगर ज़रा सा वो,
तो उससे ज़रा सी बात हो लेती,
बरसों बाद किसी सांस लेने वाले से,
थोड़ी देर मुलाक़ात हो लेती।
कुछ रंज होते उसके अगर,
तो हम भी अपनी गर्दन बढ़ाते।
कुछ वक़्त होता उसके पास अगर,
तो कुछ रंज हम भी सुनाते।
की कैसे किसी की तलाश में, हर-सू नज़र घुमाने लगे ,
अम्बोह में खोकर, कल्लाश नज़र आने लगे।
चिट्ठियां बस पूछतीं हैं की, "कैसे हो? सब खैरियत है ?"
कोई आकर भी तो ये पूछ ले,
की कैसी ये दिल की तबियत है?

Name: **Thakur Aryan Singh**

SID : 22108031

Branch : Metallurgy

SHADES OF GREY

The shades of grey I try to hide Cause there
are rules there to abide Rules of nature, no
not right
Rules of ethics I must say
Breaking of which lead to self crisis may
Okay the last part was a joke, crisis doesn't
appear
It raises few eyebrows though, I might get
even swore So I try to follow, how tough
they are
To be the perfect, to be a star I do what a
sane mind does
Take decisions that generate positive buzz
Suppressing the black, displaying the white
Though together they make me who I am,
right? Some get suppressed, some create a
storm
Strong enough to dismantle the peace,
dismantle the calm I fight with emotions
throughout the day
Comprehending them, while making my way
You ask me who I am? What should I say
A man of ethics, or a man with shades of
grey A pint of black and a pint of white
Together they join to create my light
I come from reality, cannot choose a side
Let there be some shades of grey, which I
need to hide

Name: **Harsh Kumar**

SID : 21107104

Branch : Mechanical



FROM THE POETS

SHE

She is a woman of her words.
 She never cared for a crown,
 She preferred a sword.
 Because she preferred to live
 By her own terms.
 She preferred to be silent,
 And sharpen her sword,
 And work on herself.
 She preferred to be alone,
 Rather than being in
 A world of delusion.
 She preferred to stand there
 Nothing different than unbothered
 forestland.
 She sees from afar
 And soaks it all in a haze.
 She never cared for a crown,
 She prefers a sword of honor.

Name: **Megha Chaudhary**

SID : 22108020

Branch : Metallurgy



MY LITTLE FANTASY WORLD

I walk upon the moon light
 every single night
 and the path follows those fancy sight
 reality can never define.
 There's no noises in the sky
 but the music in my ears
 and in that sound turbulence is weer
 from those vibrations I steer clear.
 And there's tons of book in my pack
 philosophies and stories in the stack
 and the words come and just whack
 to my heart being lagged.
 These beauties feel so mere
 in that calm scenty meer
 I'll get high on even beer
 when I wear my fantasy wear.

ਕਦੇਜੀਅ ਕਰਦੇ

ਕਦਿਦਲ ਕਰਦਾ ਮੈਂਸਮਾਂਬਣ ਜਾਵਾਂ ,
 ਹਾਲਾਤਾਂ ਤੋਂ ਅੱਗੇ ਹੋਦੀ ਵੇਰੋਸ਼ਨਾਵਾਂ |
 ਕਦੇਜੀਅ ਕਰਦੇਪਾਣੀ ਬਣ ਜਾਵਾਂ ,
 ਨਫ਼ਰਤਾਂ ਦੀ ਅੱਗ ਨੂੰ ਪਲਾਂਚ ਬੁਝਾਵਾਂ |
 ਕਦੇਜੀਅ ਕਰਦੇਹਵਾ ਹੋਜਾਵਾਂ ,
 ਹਾਲਾਤਾਂਨੂੰ ਛੱਡ ਿਕਤੇਦੂਰ ਨੌਂ ਸ ਜਾਵਾਂ |
 ਕਦੇਜੀਅ ਕਰਦੇਮੈਂਫੁੱਲ ਬਣ ਜਾਵਾਂ ,
 ਕਦੇਮੁਰਝਾਵਾਂ ਤੇਕਦਿਖੜ ਜਾਵਾਂ |
 ਕਦੇਜੀਅ ਕਰਦੇਮੈਂਕਲਮ ਬਣ ਜਾਵਾਂ ,
 ਇਸ ਅਧੂਰੀ ਕਿਵਤਾ ਨੂੰ ਪੂਰੀ ਕਰਕੇ
 ਸਭ ਨੂੰ ਸੁਣਾਵਾਂ |

Name: **Sukhwinder Kaur**

SID: 21105061

Branch: ECE

It is a matter of gratification for Communication, Information and Media Cell to bring the first edition of PEC Buzz to continue the practice of publishing the Official Student Newspaper of Punjab Engineering College. The student newspaper was named as PECPOST before the Covid times. This is the first edition of PEC Buzz (previously 'PECPOST').



It is really special as it signifies the revival of publication of the official student newspaper of our college. It marks the start of a new journey of this newspaper.

This newsletter covers all the aspects of our college – celebrations, lectures and workshops, initiatives and developments, clubs and societies and a student's corner to have a look at different talents being nurtured in our college.

I express immense gratitude towards everyone who has contributed towards the making of this newsletter of our college. Our team has put in immense efforts to make this edition a success. I hope you all will take out some time to read it.

At the end, I would like to convey that we have tried our best to cover as much as possible but we will be whole heartedly looking forward to your feedbacks to improve PECBUZZ's upcoming editions.

FROM THE DESK OF THE SECRETARY (2023-24)

I am absolutely thrilled to welcome you back to the revamped "PEC Buzz - Bits and Bytes" newsletter! After navigating the challenges posed by the COVID-19 era, I am delighted to present you with a special treat – the very first edition exclusively designed with you, our amazing students, in mind.

As I embark on this exciting journey, I am excited to share that "PEC Buzz - Bits and Bytes" will now grace your screens every quarter, loaded with informative and inspiring content that I believe you'll love.

I would like to express my sincere gratitude to all individuals who have played a crucial role in the creation of this newsletter.

Your input is invaluable to me. Your feedback and suggestions will shape each forthcoming edition, guaranteeing an even more satisfying and enjoyable reading experience for you. I can't wait for you to dive into our debut edition and join me in building "PEC Buzz - Bits and Bytes" into a valuable resource tailored to meet the needs of our student community.



**STUDENT SECRETARY****Shushant Gambhir**

☎ 8059275467

Aakash Deo

☎ 9915630569

DESIGNED & COMPILED BY**Aryaveer Singh (21103004)****CONTRIBUTORS****Mayank Jindal (21105028)****Ayush Kaushik (21102026)**

Designed and compiled by Communication, Information and Media Cell (CIM), PEC.

*Thank you for reading and please share your valuable suggestions at
cim_newsletter@pec.edu.in*