

CHANDIGARH COLLEGE OF ENGINEERING & TECHNOLOGY

JULY-DECEMBER 2019// VOLUME V// ISSUE I

FINDERPRINT NEWSLETTER

PRINCIPAL'S MESSAGE

In every sphere of our life the influence of technology is becoming so pervasive, it gets indispensable to keep up with this fast-changing world. The students have reiterated their efforts in extracurricular and academics in synchronization with what the industry requires to make sure that the students prove themselves to be skilled and adept. The perfect platform that makes a learning environment ideal is calm, well-disciplined and orderly learning environment; a culture of aspiration and achievement for all learners: purposeful and stimulating teaching. The members and teachers have showcased their zeal for knowledge with their research, projects, internships and entrepreneurships. We believe that the hardwork with discipline and proper guidance is a guarantee to dedicatedly achieve the same. I commend the institute publication cell for publishing the new issue of the college newsletter. I encourage not only our students but our faculties too, to hone their skills and yearn for innovation. I further congratulate Japtyesh Singh Jaspal who won a bronze medal in 14th Asian shooting championship, Doha, Qatar while representing India in 25 metre Rapid Fire Pistol and Mr. Piyush Dhawan student of 2nd year ECE for winning Bronze Medal in All India University Shooting Championship. I also congratulate Gursheesh Singh Chawla from Computer Science and Engineering for representing India at World Skills 2019 at Kazan, Russia and securing a medallion of excellence.



IPD-EXPO

The Institute Innovation and Entrepreneurship Development Cell of CCET (Degree Wing) organised 3rd edition of Innovative Product Design (IPD) Expo on 24th September 2019. More than 100 students from all branches from CCET (Degree Wing), Chandigarh University, Gharuan and Chitkara University participated in the Expo 2019. The Expo was inaugurated by Dr. Ajay Kumar Singla, IAS, Shri Sachin Rana, IAS and Shri Sudhanshu Gautam, IAS in presence of Hon'ble Principal Dr. Manpreet Singh Gujral. The Expo was also accompanied by facilitation of students who won prizes representing colleges in various technical, cultural and sports fields.



ENTREPRENEURSHIP AWARENESS CAMP

(IIEDC) organised an Entrepreneurship awareness camp of three days from 30th October 2019 to 1st November 2019 at CCET (Degree Wing). The camp was sponsored by Department of Science and Technology (DST) and focused on making students aware about entrepreneurship. Various expert lectures were held by experts from CCET (Degree Wing), Block 8 Technologies, IIFL Securities, NITTTR Chd. and SBI followed by an entrepreneurial visit to Cheema Boilers Ltd., Kurali.



TRAINING AND PLACEMENT CELL

The placement details of 2019-2020 batch are as follows: -

PLACEMENT STATISTICS OF THE INSTITUTE TILL NOVEMBER 2019

BRANCH	ELIGIBLE & INTRESTED	PLACEMENT	PLACED(%)	TOTAL OFFERS	STUDENTS WITH TWO OFFERS	STUDENTS WITH THREE OFFERS
CSE	57	40	70.18	45	5	0
ECE	42	22	52.38	32	8	2
MECH	48	15	31.35	16	1	0
CIVIL	48	5	10.42	5	0	0

INSTITUTE INNOVATION CELL

The startup Activity Group of IIC, organized an expert talk on the topic “Entrepreneurship” on 25th September 2019. Ministry of Human Resource Development (MHRD), Govt. of India has established a network of ‘Institution’s Innovation Council (IICs) to promote innovation in the Higher Education Institutions through multitudinous modes leading to an innovation promotion eco-system in the campuses. Mr. Yogesh Arora, Owner of Flip Keys delivered the expert talk. He shared his experiences as an entrepreneur in order to give confidence and develop skills among young students.



SPORTS



Japtyesh Singh Jaspal won a bronze medal in 14th Asian shooting championship, Doha, Qatar while representing India in 25 m Rapid Fire Pistol. In addition to this, he also won a bronze medal in 25 m Rapid Fire pistol men at Punjab University Chandigarh Inter College Shooting Championship. He was also gold medallist in All India Inter University shooting championship held at Delhi from 12th November 2019 to 15th November 2019.

Mr. Paurush Dhawan student of 2nd year department of Electronics and Communication Engineering has won Bronze Medal in All India University Shooting Championship .

Dr. M. S. Gujral Principal and Dr. Sarabjit Singh Incharge sports were honoured by Punjab University for promoting sports during MAKATrophy celebration function at Panjab University Chandigarh.



APRATIM



The CCET (Degree Wing) celebrated its annual techno cultural fest APRATIM 2019 on 24th and 25th October 2019. The two day's fest were blessed by the presence of Sh. Sachin Rana, IAS Special Secretary Technical Education cum Director Technical Education, Chandigarh Administration, Dr. Manpreet Singh Gujral, principal CCET (Degree Wing) and all the faculty members. The theme of this year's fest was the 'THE REEL LIFE' trying to bring the reel world fantasy into real life. The social theme of the fest was 'PLASTIC BAN'. Various technical and cultural events were held throughout the fest concluding with stunning performances from 'THE LANDERS' on Day 1 and 'NAWAZISH BAND' and Saxophone artist and DJ 'OLA ROSA' on Day 2.

ELECTORAL LITERACY CLUB

The Electoral Literacy Club organized "ELC Training & debate competition" on 12th September 2019. Students were trained about the application procedure of voter card. A Debate competition was carried in association with the Debating Club of CCET(Degree Wing), the "Apostle of Speech" following the ELC training.



LEGAL LITERACY CLUB

The Orientation and Awareness Program of Legal Literacy Club was organized by State Legal Service Authority, Chandigarh on 15th November 2019. Sh. Mahavir Singh, Member Secretary SLSA, Sh. V.K Kapoor, DGP rtd, Chandigarh were present on the said occasion. The students were told about the menace of Drug Abuse and Sh. V.K.Kapoor interacted with the students about personal growth and personality development. Principal CCET (Degree Wing) Dr. MS Gujral and the student in-charge of Legal Literacy Club Mr. V. Senthil Assistant Professor/ Mechanical,(Degree Wing), were also present at the occasion.



NATIONAL SERVICE SCHEME

The NSS unit of CCET (Degree Wing) organised various activities on various issues from July to December 2019.



• SWACHH BHARAT SUMMER INTERNSHIP 2.0



• INTERNATIONAL YOGA DAY- 21ST JUNE



• JAL DIVAS 22ND JULY



• TREE PLANATION 31ST JULY



• INDEPENDENCE DAY



• NSS DAY 24TH SEPTEMBER



• RANGOLI EVENT 30TH SEPTEMBER



• SWACHH CHANDIGARH RALLY - 02ND OCT



• RASHTRIYA POSHAN MAH - 03RD OCT



• RUN FOR UNITY - 31ST OCTOBER 2019



• VIGILANCE AWARENESS AND RASHTRIYA EKTA DIWAS - 31ST OCTOBER 2019



• DEBATE AND ESSAY WRITING 21ST NOVEMBER 2019



CULTURAL CLUBS

DRAM-E-BAAZ

- 1 Secured 1st position in Stage play contest of Rendezvous (Cultural Fest of IIT Delhi) and third in PECFEST for their play, 'UTOPIA'.
- 2 Secured 1st position in Antragini (Cultural Fest of IIT Kanpur).
- 3 Dram-e-Baaz Suryakant 4th year and Aryan Sharma 2nd were awarded as appreciable performers in stage play at Antragini.

APOSTLE OF SPEECH

Gurvinayak Budhwar has bagged Special Mention, MUN, Symboisis Center of Management Studies, Noida conducted on 18-19 October 2019.

APPLIED SCIENCE DEPARTMENT

Students Induction Programme

Three weeks student induction programme was organized by the Applied Science Department for the fresh batch (2019-2023) students. Students were made familiar with the college environment and various cultural activities were also held at the event.

- Shubhranshu Pattnaik and Suyash, students of 1st semester ECE, won 1st prize in Meshmerize held in PECFEST and qualified for TECHFEST IIT-BOMBAY finals of which will be held on 3rd January 2020.
- First year Civil students Upmanyu Pal and Vanshika along with Sarthak, mentor of change, conducted a four day workshop (from 13th -16th November 2019) at Government College of Education, Sector 20, Chandigarh.
- Gaurav Gandhi, student of Mechanical 1st year runs a social club named "Aaftaab club" which organizes various events like blood camps, gift saplings at various occasions, tree plantation drives etc.
- Dipandeep, first year Civil Student got 1st position in softball.
- Shubhranshu Pattnaik got 1st prize in Line follower held in CCET on 23rd-24th October 2019, during the College Techno-Cultural fest, Apratim 2019.

MECHANICAL ENGINEERING DEPARTMENT

A guest lecture was organised on Heating, Refrigeration and Air Conditioning on 6th September 2019. Mr. Vikram Jaidka and his team from Indian Society of Heating, Refrigeration and Air Conditioning Engineers (ISHRAE) delivered the expert lecture where he made students aware about ISHRAE, its student chapter and its functioning. Mr. Ravinder Pal spoke about latest trends in refrigeration. Dr. Jatinder Madan, HOD/ME and Mr. V. Senthil AP/ME were present in the event.



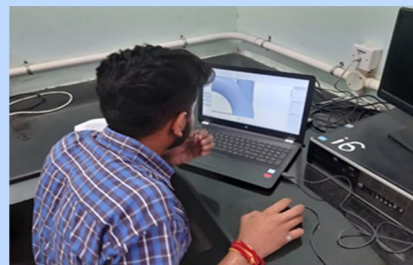
MECHANICAL CAD COMPETITION AND MECHANICAL QUIZ

ASME Student section of CCET has organized Mechanical CAD competition and Mechanical Quiz, on 9th October, 2019 under the guidance of Dr. Ashwani Kumar, Coordinator - ASME Student Section and Dr. Jatinder Madan, Faculty Advisor ASME Student Section.

A) MECHANICAL CAD COMPETITION

In this competition, the students were given parts to draw in 3-D CAD software. The time limit was 2 hours. The competition was judged by Dr. Radhey Sham – A.P. (ME). The winners of the competitions were as follows:

1. Prashant- (CO17150)
2. Ajay- (CO17111)
3. Agrim- (CO17109)



B) MECHANICAL QUIZ COMPETITION

In this competition, the students were MCQ related to mechanical branch. The quiz competition was judged by Dr. Ashwani Kumar, A.P. (ME). The winners of the Mechanical Quiz competitions were as follows:

1. Akshay Kumar Verma –(CO16166)
2. Akash Kumar Kisaniya- (CO16104)
3. Siddharth- (CO16149)
4. Anish Soni- (CO19113)
5. Om Prakash- (CO16135)



ASME INDUSTRY INSTITUTE INTERACTION WEEK

ASME Industry Institute Interaction Week was organised from 14th October to 18th October 2019 under Dr. Ashwani Kumar Coordinator - ASME Student Section and Dr. Jatinder Madan, Faculty Advisor ASME Student Section. The event was attended by 100 mechanical students. Six experts shared their knowledge with students. Their details of the expert are:

Sr. No.	Name of the expert	Designation and Institution	Topic
1	Ms. Aparna Jain	Co-founder - 'Knowledgentia'	IPR
2	Mr. Narinder Singh Jassal	Principal - Indo Swiss Training Centre, Chandigarh	PRISM Scheme
3	Mr. Pritpal Singh Viridi	Design Head at COATEC, India	Tractor Engines
4	Mr. Daljit Singh Dogra	Dy. General Manager - R&D section of Mahindra and Mahindra and Swaraj tractor Ltd.	CRDI and MPFI, EGR
5	Mr. Yogesh Kalia	Director- Medhaavi Center For Automotive Research	Latest Engine Technology
6	Mr. Birinder Singh	Junior Manager, Research and Development wing of SML ISUZU	Automobile Design

EXPERT LECTURES DELIVERED

- Dr. Jatinder Madan, Prof. and HOD ME, Dr. Ashwani Kumar Asst. Prof. ME and Dr. Radhe Shyam Asst. Prof. M.E delivered expert talks on “Creativity and business - the man behind the venture -the behavioural scientist's approach”, “Entrepreneurship - General Concepts” and “Identification of opportunities for entrepreneurs” and “Mechanism of product selection and technology-assistance from R&D labs and others on choice of technology etc” respectively on three day Entrepreneurship Awareness camp from 30th October to 1st November 2019.
- Dr. Jatinder Madan, Professor and HOD- Mechanical Engineering, completed 2 months research interaction at National Institute of Standards and Technology (USA) during May - July 2019 on the topic of additive manufacturing. Along with this he attended one day workshop on NBA accreditation on Aug. 31, 2019 at New Delhi organized by National Board of Accreditation, New Delhi.

DST PROJECT

Dr. Jatinder Madan, Professor and HOD- Mechanical Engineering was sanctioned a research project, Design and development of an automatic modular car parking system for the city of Chandigarh. The Principal Investigator is Dr. Jatinder Madan, Professor, ME Department, CCET (Degree Wing), Chandigarh. The Co-PIs: Dr. Rajesh Kumar, Professor and Head Civil Engg., CCET (Degree Wing), Chandigarh, Dr. D S Saini, Professor and Head, ECE Department, CCET (Degree Wing), Chandigarh, Dr. Sunil Kumar Singh, Professor and Head, CSE Department, CCET (Degree Wing), Chandigarh.

ECE DEPARTMENT

FDP / STC / EXPERT LECTURES:

- Dr. Anil Rose delivered expert lecture on Soft Computing in Image Processing, STC at NITTR Chandigarh on September 12, 2019
- Dr. Anil Rose delivered expert lecture on Soft Computing Techniques for Wireless Sensor Networks “at IIIT, Sec 128, Noida, on September 15, 2019.
- Dr. Anil Rose delivered expert lecture on PLC and Microcontrollers, STC at NITTR Chandigarh on September 4, 2019
- Dr. Anil Rose delivered expert lecture on Keil Software programming for Embedded System (8051 and PIC), STC at NITTR Chandigarh on September 3, 2019.
- Dr. K.G. Sharma delivered expert lecture on MIMO in FDP organized by Engineering College, Bikaner on November 4, 2019.
- Dr. K.G. Sharma delivered expert lecture V2V Communication in FDP organized by Engineering College, Bikaner, dated November 5, 2019.
- Dr. Parvinder Kaur, Department of ECE have organized one day workshop on IOT through Ducat Technologies for ECE 3rd year students on 6th September 2019.

CIVIL DEPARTMENT

A seminar on 7th November 2019 was organised for the third-year students on “Durability of Concrete” by J.K. Cement Ltd. Sh. Vikas Malhotra, the DGM, Northern Region, J.K. Cement and shared the insights of cement industry.



WEBINAR ON GREEN BUILDINGS TO GREEN CITIES

An online webinar was held on 7th August 2019 on “Green Buildings to Green Cities” for B.E. Final year students by Aditya Birla Group and presentation was delivered by a senior and experienced architect professional and consultant in Punjab state, Architect Sh. Jit Gupta emphasising on the increase of the tools and materials contributing towards Green Buildings and Green Cities.

STUDENT ACHIEVEMENTS

- Mr. Kedar Nath Sharma (CO15230) qualified the prestigious national level test - Larsen & Toubro – Build India Scholarship Exam – 2019 and got 5th Rank. L&T has deputed him to pursue PG program from IIT Delhi.
- Ms. Puneeta Dutta (CO15247) has also qualified this exam.

- Third year students Mr. Yugesh Jain (CO17260), Ms. Smriti Saini (CO17252) and Mr. Tarunjot Singh (CO17253) participated in technical event Mechanically Stabilized Earth during PEC-FEST 2019 (8-10 Nov 2019) and secured Second position.

COMPUTER SCIENCE ENGINEERING DEPARTMENT

FACULTY ACHIEVEMENT

Er. Sarabjeet Singh completed his Ph.D. in Computer Science & Engineering from I. K. Gujral Punjab Technical University, Jalandhar in October 2019.

EXPERT LECTURE DELIVERED

- Dr. Gulshan Goyal delivered an Expert Talk on " Pattern Matching Applications" on 10th September, 2019 at Chandigarh University.
- Prof(Dr.) R. B. Patel delivered an expert talk on Innovation on 20th November 2019, Department of Civil Engineering, CCET (Degree Wing), Chandigarh.
- Prof(Dr.) R. B. Patel delivered an expert talk on Mobility Models for IoT devices on 15th October 2019, in AICTE Teaching and Learning (ATAL) Academy Programmes on "Workshop on IoT (WIOT 2019)", 14-18 October, 2019 Department of Computer Science and Engineering, Sant Longowal Institute of Engineering & Technology, Longowal, Sangrur, Punjab, India.

ACM EVENTS

The members of the Association For Computing Machinery, CCET (Degree Wing) organized various events to enhance programming skills of students under the guidance of Er. Sudhakar Kumar, Assistant Professor, Computer Science and Engineering.

• SEMINAR ON GSOC ON 13TH NOVEMBER, 2019

An informative session on Coding Competitions mainly focusing on Google Summer of Code was organised by the ACM Student chapter of CCET (Degree Wing) , on 13th November, 2019. Students were introduced with various online coding competitions and their uses. The event was open to all students from 1st to 3rd year and saw a total of 73 students participating.

• UI AND UX DESIGNING ON 18TH OCTOBER 2019

Students were introduced to UI/UX designing in a crash-course fashion, along with the practical utility of various tools in the software. Workshop intended to create awareness among the student about design basics and also they were introduced to concepts in the design of User Interfaces and User Experiences.



•GITHUB-HACKTOBERFEST WORKSHOP ON 21ST OCTOBER, 2019

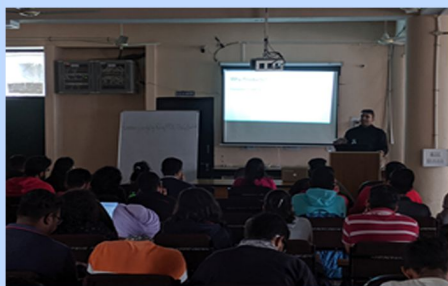
A two-hour workshop to introduce curious minds about the working and functionality of Github and Hacktoberfest, Github-“Hacktoberfest Workshop” was organised on 21st October, 2019. The event was conducted by Sidak Singh Aulakh, a 4th year student of the CSE department.

•WEB CRAWLING WORKSHOP ON 6TH NOVEMBER 2019

Students were introduced to Web Crawling, about its functioning and how to create it. The motive was to create awareness among the student about the topic and also make them familiar with the wide range of utility of this in data analysis. The workshop was conducted by Ripjeet Singh, a 3rd year CSE department student.



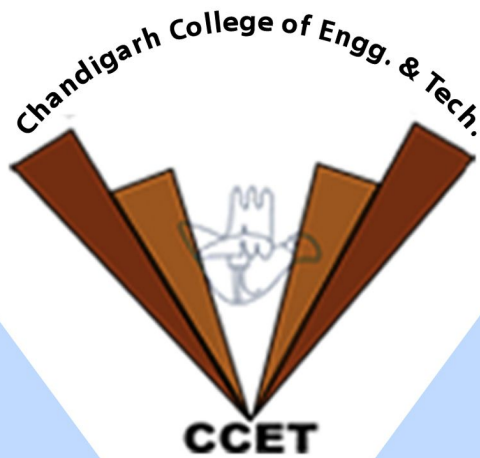
•WORKSHOP ON PORTFOLIO MANAGEMENT ON 14TH NOVEMBER 2019



A two hour workshop to introduce portfolios and emphasize its importance was organised on 14th November, 2019. The students were told about portfolios. The event was open to all students and saw an active participation from all years. The event was conducted by Raghav Arora, the founder of cocampus.

RESEARCH @CCET

DEPARTMENT	JOURNAL	CONFERENCE	BOOK CHAPTER
MECHANICAL	-	01	-
CIVIL	01 (01 SCI)	-	-
CSE	04 (02 SCI)	-	01



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