

# Chandigarh College of Engineering & Technology

JANUARY-JUNE 2019 // VOLUME IV // ISSUE II

## FINERPRINT NEWSLETTER

### PRINCIPAL'S MESSAGE

In our everyday life and 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 students have showcased their zeal for knowledge with their research, projects, internships and entrepreneurship. We believe that hard work with discipline and proper guidance is a guarantee to excellence and we work dedicatedly to achieve the same. I commend 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 team of ECE and ME students who won Best Innovation prize in Ekokart Series 2019. Further I wish all the best to Gursheesh Singh Chawla who has been selected to represent India in World Skill 2019 to be held in Kazan, Russia from 22<sup>nd</sup> - 27<sup>th</sup> August, 2019.

-Dr. M.S. Gujral Principal, CCET (Degree Wing)

### WORLD SKILL COMPETITION

- Gursheesh Singh Chawla from Computer Science and Engineering department has been selected to represent India in World Skill 2019. World Skill 2019 will be held in Kazan, Russia from 22<sup>nd</sup> - 27<sup>th</sup> August, 2019. 81 countries will be participating in different skills in the competition. He will be representing India in Skill IT Software Solutions for Business (ITSSB) category. He has been training in Hyderabad and also got a week training in Russia.

### ECOKART SERIES

- A team comprising of ECE and ME students achieved 2<sup>nd</sup> prize in Ekokart Series-2019 along with first prize in Fastest kart and Best Innovation category with cash prize of Rs. 75000 under the guidance of Dr. Dinesh Sharma.



## SPORTS ACHIEVEMENTS

- Sports department of Panjab University, Chandigarh organized prize distribution function and appreciated the efforts of staff affiliated to Panjab University on 28 March 2019.



Principal, CCET (Degree Wing) honoured for promotion of sports at Panjab University, Chandigarh



In-charge Sports, CCET (Degree Wing) honoured for promotion of sports by Panjab University, Chandigarh



Mr. Japtyesh Singh (Civil 1<sup>st</sup> year) won gold medal at All India University Tournament and was awarded prize of Rs. 50000 by Panjab University Chandigarh

## ELECTORAL LITERACY CLUB

- The Electoral Literacy Club (ELC) of CCET - Degree Wing, celebrated 9<sup>th</sup> National Voters Day on 25 January 2019 for enhancing the participation of citizens in the electoral process.



- The main purpose of celebrating National Voters Day is to encourage, facilitate and maximize the enrolment, especially for the new voters. The event is graced by the Principal and HOD's of the various departments, Professors, faculties, students and the club members of CCET (Degree Wing).

## Training and Placement Cell

- Training and Placement cell is one of the most important departments of CCET (Degree Wing). Apart from maintaining cordial relations with companies, which have been visiting CCET (Degree Wing) for campus placements for 4-5 years, we are also adding other reputed companies in recruiters list. This year 123 students placed so far with the average placement of 74.55% and average package of 4.66 LPA and hoping to have increase at the end of current academic year. About 90.91% students of CSE and 87.5% students of ECE are placed till date.

Branch	Eligible & Interested	Placement	Placed (%)	Total Offers	Students with 2 offers	Students with 3 offers
CSE	55	50	90.91	57	6	1
ECE	48	42	87.5	52	9	1
Mech	39	22	56.41	23	1	0
Civil	23	9	39.13	9	0	0

## NSS

- The volunteers of the NSS Club of CCET (Degree Wing) organized various events to sensitize various people in their surroundings about environment and social cause. The following events were organized during session (January-July 2019).



2<sup>nd</sup> Annual NSS CAMP  
(20-2-2019 to 26-02-2019)  
"Swachh Bharat Abhiyan"



Yoga week  
(20-02-2019 to 26-02-2019)



Tree Plantation drive  
(20-02-2019)



Sports & fun activities  
(20-02-2019 to 26-02-2019)



Survey to make city friendly for persons with disabilities in association with GRIID, Chandigarh (20-02-2019 to 26-02-2019)



Skill Development Seminar  
(21-02-2019)



Blood Donation Camp on 22-02-2019 in collaboration with GMCH-32, Chandigarh (94 Units of blood donated)



Visit by school students  
(21-02-2019)



NSS Seminar  
(25-02-2019)



Visit to Institute for blind  
(25-02-2019)



Old clothes donation  
(26-02-2019)



Prize distribution  
(26-02-2019)

## CULTURAL CLUBS

- Beatles club got 3<sup>rd</sup> prize in group dance competition at UIET, Chandigarh (16<sup>th</sup> February 2019) and IIT Ropar under the guidance of Dr. Parvinder Kaur, Club Incharge - CCET (Degree Wing).





- CCET(Degree Wing) dance club named Beatles organized workshop on Dance forms on 29<sup>th</sup> April 2019 at Manav Rachna International School, Mohali.

- 7 Notes Achievements (The Music Club of CCET, (Degree Wing))
  - i) 1<sup>st</sup> position (solo singing) at Insomnia, Cultural fest of IISER
  - ii) 2<sup>nd</sup> position (solo singing) at Insomnia, Cultural fest of IISER ,



- DRAM-E-BAAZ club of CCET (Degree Wing) got 1<sup>st</sup> position in stage play in Insomnia - Cultural fest of IISER , Mohali.

- Punjabi By Nature (PBN), the bhangra club got 2<sup>nd</sup> position in Bhangra competition at UIET, Chandigarh on 17 February 2019.
- Achintyam - Photography club got 1<sup>st</sup> position in 24 hour film making challenge at Vivacity'19 on 2 February 2019.

## APPLIED SCIENCE DEPARTMENT

### ACADEMIC ACTIVITIES

- Applied Science Department conducted Gate awareness sessions for first-year students of all branches.
- Applied Science Department conducted a workshop for first-year CSE students for training them on using Github.

### STUDENTS' ACHIEVEMENTS

- Sarthak Singh, first year student of CSE branch has been awarded consolation prize and certificate of appreciation in Drone Olympics organized by Aero India, Govt. of India in Bangalore from 18<sup>th</sup> to 24<sup>th</sup> February 2019.
- Samarth Vohra (Vice President of AIESEC, Chandigarh), first year student of Civil has attended a conference in 'Europe Exchange Professionals Conference (EuroXpro)' organized in Turkey by AIESEC on 13<sup>th</sup> to 17<sup>th</sup> March 2019.
- First year students of CSE developed a webportal for Printing & Stationary Department, Govt. of Punjab, Sector 18, Chandigarh.



## ECE DEPARTMENT

### **FACULTY DEVELOPMENT PROGRAMME**

- Department of ECE, CCET(Degree Wing) has organised a one week short term course on optimization techniques in engineering from 27<sup>th</sup> to 31<sup>st</sup> May 2019 in collaboration with Applied Science Department, National Institute of Technical Teachers Training & Research (NITTR), Chandigarh. 20 people participated in the programme.

### **EDUCATIONAL TOUR**

- Department of ECE has organized an Educational Tour to Central Scientific Instruments Organisation (CSIO) for third year Students on 28 February 2019.
- Infosys conducted a session for 3<sup>rd</sup> year students of all branches on 29 March 2019. Our students went to Chitkara university and participated in the event.

### **FACULTY ACHIEVEMENTS**

- Dr. Shilpa Jindal has written article on "Fibre: A Network Backbone for Future ICT" for "Electronic for You" magazine and has cleared a online MOOC Course "Real Time Power System Analysis and Smart Grid" of 16 weeks duration (1<sup>st</sup> October 2018 to 28<sup>th</sup> February 2019).
- Dr. Parvinder Kaur has written a book Chapter titled "Nature Inspired Approaches for Identification of Optimized Fuzzy Model with application to classification and clustering problem," for the upcoming book, "Emerging Trends and Applications of Machine Learning" to be published by IGI Global.
- Dr. Sarita Sharma of ECE completed her Ph.D. degree from I.K. Gujral Technical University, Punjab.
- Dr. Dinesh Kumar has applied for following Patents :-
  - A Novel Meander Line Multiband Antenna with Parasitic Elements.
  - An Automated and Adaptive Self-Power Generate Garbage Notification.
  - A Novel Multiband Antenna for 5G Wireless Communications.
  - Slotted Wheel Microstrip Patch Antenna Based RF Energy Harvesting System.

## CSE DEPARTMENT

### **FACULTY DEVELOPMENT PROGRAMME**

- Department of Computer Science & Engineering has organized a one Week Short Term Course on "Machine Learning using Python" from 29.04.2019 to 03.05.2019 in Collaboration with Computer Science & Engineering Deptt. NITTR, Chandigarh. Number of participants of the STC was 31 (13 External and 18 Internal).



- Department has conducted the ICT training for the employees (Group B, C & D) of Chandigarh Administration. Till now training for 26 batches have been completed successfully.

### **FACULTY ACHIEVEMENT**

- Dr. Sunita completed her Ph.D. in Computer Science & Engineering from Thapar Institute of Engineering and Technology, Patiala in January, 2019.
- Er. Sarabjeet Singh delivered an expert lecture at Govt. Polytechnic College, Ambala on 20<sup>th</sup> February, 2019.

### **ACM EVENTS**

- The members of the ACM, 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. The following events were organized during session (January-June 2019).





- Revelation on 25<sup>th</sup> January, 2019
- The Cross Glitch on 15<sup>th</sup> and 16<sup>th</sup> February, 2019
- UI - UX Workshop on 8<sup>th</sup> March, 2019
- Codathon on 15<sup>th</sup> March, 2019
- Native Script Tutorial on 12<sup>th</sup> April, 2019
- ACM AI webinar on 19<sup>th</sup> April, 2019

## STUDENT'S ACHIEVEMENTS

The following students have excelled in GATE 2019 examination:-

S. NO	Student Name	GATE Score	Rank
1.	Ashish Singh	622	1797
2.	Atul Gautam	548	3306
3.	Harshit Kaur	496	4933
4.	Harshita Puri	470	5945

## CIVIL DEPARTMENT

### Seminars/Activities of the Department

- Two-day online Webinar on “Analysis of Structures by ATENA Software” was organized for the 3<sup>rd</sup> year students on 29<sup>th</sup> and 30<sup>th</sup> April 2019. The webinar was conducted online through CISCO-Web Ex platform by Dr.-Ing. Dobromil Pryl, Consulting Engineer, Cervenka Consulting Ltd, Prague, Czech Republic.



- The sessions covered introduction to ATENA package and working on virtual testing of RCC beams and structures using ATENA-Science. This will help the students in working on their project work in the coming semesters.

- Visit to Sewage Treatment Plants: During January to April, 2019 the 3<sup>rd</sup> year students were given a good insight into working of Sewage Treatment plants as a part of their learning of the subject Environmental Engineering taken by Er. Arfat Ahmed, AP, Civil. The students have visited the STPs in Chandigarh for this exercise.



SEWAGE TREATMENT PLANTS

### Expert Lectures delivered by Faculty

- Er. Anil Kumar delivered guest lecture on “Design of Steel Structural Elements as per IS Codes” on 27.03.2019 in the Deptt. of Civil Engineering, Central University of Haryana, Mahendragarh.

## Students' Achievements

- Final year student Mr. Amandeep Singh (CO15206) published two papers with Dr. Rajesh Kumar, Dr. Aradhana Mehta and Er. Mohd. Sakib Khan in International journals.
- Mr. Mohd. Ayaz Ali (CO15237), student of 2015 batch, received an appreciation prize of Rs. 20,000/- from the Oriental Structural Engineers Ltd. during his 8<sup>th</sup> - semester industrial training.
- Mr. Pratishma Bansal (CO15243) secured first position in Indian Film Project (24-hour challenge) held at LNMIIT-Jaipur on 02.02.2019.
- Mr. Aditya Prashar (CO17204) and Mr. Sahil Singh (CO17245) secured second position in the cultural festival Goonj-2019 at UIET-Panjab University on 17.02.2019.
- Mr. Vidit (CO17257) and Mr. Sujay Thakur (LCO17274) performed in the Nukkar Natak & Stage Play at IISER Mohali on 02.03.2019 and won first prize.
- Ms. Aditi Arora (CO17203) won 1<sup>st</sup> prize in Badminton on 02.03.2019 in the CCET (Degree Wing).

## MECHANICAL DEPARTMENT

### E- BAJA 2019

- Department of Science and Technology & Renewable Energy, Chandigarh Administration has sanctioned Rs 3,00,000/- (Rupees Three Lakh) to CCET (Degree Wing) for participating in Electric ATV for E- Baja SAE 2019 competition from 22<sup>nd</sup> to 29<sup>th</sup> January 2019.



- CCET (Degree wing), Team - FLASH has qualified the Virtual round of BAJA SAE. The team has been coordinated by Dr. Ashwani Kumar and Er. Vinod Chauhan, Assistant Professor in Mechanical Engineering. Students from Mechanical department participated at the BAJA SAE-INDIA 2019 competition at pithampur, Madhya Pradesh.

- Students participated in Formula Bharat Competition organised by Mobility Engineering Consortium Pvt. Ltd. from 23<sup>rd</sup> to 27<sup>th</sup> January 2019 at Kari Motor Speedway, Coimbatore, Tamil Nadu. Department of Science and Technology, Chandigarh Administration has sanctioned Rs 5,00,000/- to CCET (Degree Wing) for participating in Formula Bharat 2019.



### INDUSTRIAL VISIT

- Mechanical Students of Sixth semester (Batch 2016) of CCET, (Degree wing) had gone for an Industrial visit to Godrej & Boyce Manufacturing Company Ltd, Mohali, Punjab in two groups on 11<sup>th</sup> and 12<sup>th</sup> April 2019 along with the faculty members Er. Mukesh Kumar, Er. Vinod Chauhan, Dr Ashwani Kumar and Dr S. C. Vettivel.



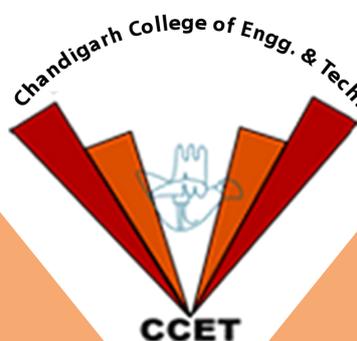
Group 1



Group 2

## RESEARCH @CCET

Department	No. of Publications
Computer science & Engineering	07(1 SCI)
Electronics & Communication Engineering	12(2 SCI)
Civil Engineering	-
Mechanical Engineering	05(SCI)



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