

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.

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

Orientation Programme

CCET (Degree Wing) organized an Orientation and Induction Training programme to welcome its 1st year B.E and 2nd year LEET students 2017 batch on August 18th, 2017. Mr. Vikas Ahuja, Head Chandigarh Development Centre and Delivery Manager at Infosys Ltd. was the chief guest of this event. Dr. M.S. Gujral, Principal, CCET (Degree Wing) commenced the Orientation and Induction Training Programme by lighting the lamp and welcoming the dignitaries which was followed by the Saraswati Vandana by the institute students. The Programme was concluded with different cultural performances by the students of various clubs of the institute.



IPD – EXPO 2017

The Institute Innovation and Entrepreneurship Development Cell (IIEDC), CCET organized Innovative Project Design (IPD) – EXPO on Engineer's Day (15th September 2017). Sh. Anurag Agarwal (IAS), Home Secretary-cum-Secretary Technical Education, Chandigarh Administration was the Chief Guest and Sh. Rakesh Kumar Popli, PCS, Joint Secretary, Technical Education - cum - Director Technical Education, Chandigarh Administration was the Guest of Honour on this occasion.



More than 100 Students of 1st year (Batch 2016) of branch CSE, ECE, ME and CE of CCET (Degree Wing) and Chitkara University, Punjab participated in the IPD EXPO-2017 with great enthusiasm. The exhibition was held under the aegis of Indian Society for Technical Education (I.S.T.E.) chapter of CCET (Degree Wing), Chandigarh.. Apart from the exhibition, special lectures were held on Innovation and Entrepreneurship for the students.



Winners of IPD-EXPO 2017

Branch	Winners (1 st Position)	Title of Project
Mechanical Engineering	Aditya Vineet Sharma	Mini CNC Machine
Civil Engineering	Abhinav Arora Mankirat singh Bhavna Jangir Aparmita	Reclaimed Asphalt Pavement
Computer Science and Engineering	Paras Sharma Ashlin K Siby Saksham Gupta	Conways Game Of Life
Electronics and Communication Engineering	Sachin Kadyan Romil Dhiman Ansar Ahmed	Parking Monitoring System

Training and Placement Cell

Training and placement cell has been instrumental in achieving new echelons in securing placements for students due to its perpetual efforts. Adding another feather to its cap this year. About 80% of CSE students have been placed. While 24 students of 2018 Batch have secured two or more jobs.. A workshops on Machine Learning and asp.net was conducted by our alumni Jaskirat Singh (Batch 2009-13). A webinar was conducted in CC Lab on 11th August 2017 by representative of NITTR.

Sr No.	Company	No. of Students Selected
1	Infosys	59
2	Ommzi	6
3	Ernest & Young	6
4	Quark	8
5	Gemini Solutions	3
6	CodeInsight	2
7	Innov8	3
8	Godrej	6

APRATIM 2017

The institute celebrated its annual techno - cultural fest APRATIM 2017 on 13-14 October, 2017. The fest was inaugurated by Hon'ble Chief Guest Sh. Anurag Aggarwal (IAS), Home Secretary-cum-Secretary Technical Education, Chandigarh Administration in the presence of Dr. M.S. Gujral, Principal CCET (Degree Wing) and faculty members reincarnating the spirit of the fest with its cultural theme 'Andaaz Apna Apna' and social theme on Women Empowerment. The fun filled 2 days bonanza saw sundry of events ranging from various technical to cultural theme based events. The second day witnessed enthusiastic audience throughout the day with cultural events like – Bhangra Wars, Fashion Show and Fusion Band. The evening was grooved up by the Punjabi sensation – Dilpreet Dhillon.



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 (July-Dec 2017) :

- Tree Plantation Drive
- Swachhata Pakhwada and Pledge
- Youth Day Celebration
- Teacher's Day
- Eye Donation Awareness Seminar
- Menials Day
- Inauguration of 4 week Nation Wide Sharam Daan and Swachhata awareness
- Women Hygiene Awareness Seminar in collaboratin with Apratim
- Cleanliness Drive (Hostel Area)
- Cleanliness Drive (Block A, B and E)
- Cleanliness Drive (Canteen and Cafeteria) and Swachhata Rally
- National Rededication Day
- Swachhata App Awareness
- Vigilance Awareness Wee

Some Glimpses of NSS Activities

- 3rd International Yoga Day on 21st June 2017



- Eye Donation Awareness Seminar on 7th September 2017



- Tree Plantation Drive on 22nd July 2017



- Menials Day on 11th September 2017



- Swachhata Pakhwada and Pledge on 9th August 2017



- Swach Bharat Pakhwada and Sharam Daan (15th September - 1st October) 2017



- Teacher's Day on 5th September



SPORTS

Inter College Punjab University Tournament 2017-18 was held in the month of November, 2017 at Punjab University where teams from various colleges participated in different sports events. The teams of the CCET participated in Football, Badminton, Athletics and Volleyball events of the tournament.



LEGAL LITERACY CLUB

Vigilance Week

CCET celebrated 'Vigilance Week' and 'Connecting to Serve Campaign' on 10th November 2017 marking the occasion of National Legal Service Day. Dr. V.K. Kapoor (Rtd IPS officer) chief coordinator of National Legal Services Authority (NALSA) schemes led the 70 participants including both faculty members as well as the students in contributing towards the celebration of the event. The event commemorated with the "vigilance pledge".



Senior Citizen Day

The Students Legal Literacy Club of the college paid a visit to the Senior Citizens Home, Sector 15, Chandigarh on the occasion of World Senior Citizens Day, 8th August in association with State Legal Services Authority, UT Chandigarh.

Industry Institute Relation Cell

Tree Plantation Drive

IIRC cell of CCET organized Tree Plantation Drive on 22nd July, 2017 in collaboration with NSS wing of the institute.



IOT and Advance Data Structure Workshop

IIRC cell conducted a one day workshop on "Advance Data Structure" and "Internet of Things" on 25.10.2017 with support from NIELIT, Chd. for CSE 2nd Year and ECE 2nd Yr students. Mrs. Anita Budhiraja, Joint Director, NIELIT and Dr. Sarwan Singh, Deputy Director(Sys) was the speaker for this event.



Interaction with DRDO scientists

IIRC Cell organized one day interaction of students and faculty with the scientist from Defence Research and Development Organization (DRDO).

As a part of Diamond Jubilee Celebrations, DRDO has announced 'DRDO Robotics and Unmanned Systems Expositions' which serves as an open platform to popularize and synergize the national talent in the area of robotics & unmanned systems amongst engineering students pursuing UG & PG, for conceptualization, design & development of unmanned systems for futuristic defence applications.



MOU with Infosys

An MOU was signed under the campus connect programme with Infosys for the years 2017-19. Under this Infosys will provide training through Faculty Enablement Programme which will further train the students in the respective technologies.

CSE DEPARTMENT

Faculty Development Programme (FDP-2017) on Programming with PL/SQL

Department of Computer Sc. & Engineering, CCET (Degree wing) successfully organized week-long Faculty Development Programme on Programming with PL/SQL with support from Oracle Academy, India from 10th to 14th July, 2017. Ms. Sumedha Saran from Oracle Academy India trained the faculty of the institute as well as faculty from other institutes in programming with PL/SQL. The details of participants of the FDP are given below.

Total participants	Institutes Participated
32	CGC College of Engineering, Arya Girls College, Chandigarh University, Chandigarh Group of Colleges Jhanjeri, Govt. P G college, Ambala, Indo Global Group of Colleges, NIELIT, UIET, CCET, PEC.



Hackathon by Infosys

Infosys Chandigarh organized Hackathon for the School and College students on 29-30 July 2017. Two teams from CSE dept and one team from ECE dept of CCET participated in the event held at Infosys campus Chandigarh.

One of the project of the CSE 4th year students on – Hospital Management System is already in its deployment stage and is ready for implementation in PGI Chandigarh.

Another hackathon was organized at Infosys Chandigarh where 12 teams from the college participated from 22-24th September, 2017.



Industrial Tour

The students of second year and third year, Computer Science and Engineering department visited the Infosys campus on 22-23 June under the Infosys campus connect programme.



ACM Events

Seminar on GIT and GITHUB

ACM@CCET student chapter conducted a seminar on Git and Github on August 3, 2017. The seminar included a hands-on training on github where the speakers demonstrated the working of Github. The seminar was hosted by Anubhav Gupta, Rajwinder Singh and Simranpal Kaur with the participation of 40 students.

Tech Session: Adobe Photoshop

ACM@CCET organized an interactive tech session on , Adobe Photoshop, on 10th August 2017 hosted by a 3rd - year computer science student, Madhurdeep Singh, Design Head (ACM Students Chapter) and witnessed a gathering of 50 participants.

Code For Fun

The event 'Code For Fun' was organized by ACM@CCET on August 31, 2017 with a participation of 50 students. Participants were introduced to MIT APP INVENTOR and creation of some basic Android apps were demonstrated which was followed by a competition which made the event a success.

Applied CS with Android

A three-day workshop from 25 to 27 August, 2017 with the objective of teaching basics of computer science was organized by the ACM@CCET students chapter. It was conducted by the membership chair of the chapter, Abhijeet Rastogi, who is also a Google Facilitator. The workshop witnessed a total of 55 students.

Faculty Achievements

Dr. Gulshan Goyal, Assistant professor, CCET (Degree Wing) completed his PhD on 'Algorithm Design for offline handwritten Devnagri numerals using Neural Networks' from PTU on 6th December, 2017.

Expert Lecture delivered

Name of Faculty	Date	Topic	Venue
Dr. Sunil K. Singh	26-09-2017	Importance of Unicode in Computer science for the Promotion of Hindi Language	DRDO Ram Darbar, Chandigarh, 160002

ECE DEPARTMENT

National Level Conference "INAC-03"

Eight students from ECE 3rd year lead by Mr. Raman Garg(AP, ECE), participated in a National Level Conference "INAC-03" which was held on 13th Oct 2017 at Indian School of Business, Mohali.

Online Contest Of TEXAS INSTRUMENTS

ECE department organized "Texas Instruments Drishti Online Contest" in collaboration with Edge Technologies on 26th August, 2017. The winners of the contest are as below :

S.No.	Name of Students	Rank
1.	Mr. Chirag Chaudhary	First
2.	Mr. Amar Kumar Bhardwaj	Second
3.	Ms. Priya singh	Third

Keil compiler and Proteus

A workshop was conducted by the 3rd and 4th year students on the topic- Keil compiler and Proteus on 27th July 2017. Around 40 students participated in the workshop.

Industrial Automation

A workshop on areas relating to Industrial Automation (PLC's, SCADA) was conducted by Sofcon Training Professionals for the students of 3rd year ECE on 1st September 2017. A total of 50 students attended the workshop

IGNIS Events

Exhibition

An Exhibition for electrical and electronics project was organized by IGNIS – The Technical Club of ECE Department . Projects included: Automatic traffic light control system, Home automation system, Blind stick, Solar phone charger, Automatic security system, Moisture sensor- Solar, Texas instruments development board.



WORKSHOP ON POWER SUPPLY

A workshop on power supply was organized by IGNIS on 28th September, 2017 for the students of first year to provide the basic knowledge of simple circuits. It was conducted by Rakshit Gupta , ECE 4th year student.

Expert Lecture delivered

Name of Faculty	Date	Topic	Address
Dr. KG Sharma	13-10-2017	Design issues and challenges in VLSI	NITTTR, Chd
Dr. KG Sharma	13-10-2017	FinFET Design	NITTTR, Chd
Dr. Bhaskar Gupta	04-08-2017	MIMO-OFDM	NITTTR, Chd
Dr. Bhaskar Gupta	04-05-2017	MIMO-OFDM	NITTTR, Chd

CIVIL DEPARTMENT

CONCRETO

The students from the Civil Department, CCET - Karan ,Kedar , Mayank , Surjit, Parth participated in CONCRETO competition organized by the AMERICAN SOCIETY OF CIVIL ENGINEERING formally known as ASCE PEC. The first phase was to clear an online quiz where CCET stood out at 2nd place. The second round comprised of completing the canoe within 3 days. The students built a canoe named – RAM.C



Smart City Challenge

The students from the Civil Department, CCET - Harmandeep and Mayank participated in the competition Smart City Challenge organized by the AMERICAN SOCIETY OF CIVIL ENGINEERING formally known as ASCE PEC. A total of 20 teams participated wherein the college team was among the top 7 and qualified for the second round.



Site Visit to STP-Mohali

On 10th July 2017 a Site visit was organized for the students of third year, civil engineering under the supervision of Ms. Gunjan Thakur, Er. Mohammad Sakib Perwez Khan and Er. Anil Kumar at the SEWAGE TREATMENT PLANT, MOHALI. About 60 students participated in the site-visit and the site-visit was performed in two shifts for the benefit of the students. In one shift, Ms. Gunjan Thakur and Er. Mohammad Sakib Perwez Khan supervised the first half for the students and Ms. Gunjan Thakur and Er. Anil Kumar supervised the other half.



MECHANICAL DEPARTMENT

World Robotics Olympiad (WRO)-2017

World Robotics Olympiad (WRO)-2017 competition was scheduled on 07-08 Oct. 2017 at Genesis Global School, Noida. The team ROBOKNOX CCET (Degree Wing), Chandigarh, participated in the competition.



World Robotics Olympiad 2017 was organized by India Stem Foundation, Gurgaon, Haryana in India jointly with National Council of Science Museums (NCSM), Ministry of Culture, Govt. of India and is supported by Department of Science and Technology (DST), Govt. of India.



Enduro Student India (ESI)-2017

The students of CCET represented in "Enduro Student India (ESI)-2017" competition with a team name "FLASH". The competition took place from 05 th to 09 th January 2017 at Coimbatore, Tamil Nadu. Dr. Ashwani Kumar was the faculty coordinator of the team, which comprised of 30 students.

Formula Bharat-2017

Students of CCET (Degree wing) participated in "Formula Bharat-2017" (International Stature) held from 25th to 29th January 2017 at Coimbatore, Tamil Nadu. They cleared the quiz round of the competition and was the only team who selected from Chandigarh.



ASME Student Chapter

The American Society of Mechanical Engineers (ASME), which is a non-profit professional organization of the world level, has been inaugurated at CCET. The objective is to expose the students to professional experience for their career growth and associated benefits.



Designing Classes

Introductory classes of designing were conducted by the senior members of the section to teach the basics of designing software for the students.



Mechatronics Classes

Classes on I.C. Engines were conducted in a two day lecture and attended by its members.



Faculty FDP/ Seminar programme attended

Dr. Ashwani Kumar attended two week DST sponsored FDP on the topic of Business Start ups through innovation and incubation at NITTR, Chandigarh from 06-11-2017 to 17-11-2017.

Er. Vinod Chauhan attended two days National workshop on simulation of electro-mechanical systems from 09-11-2017 to 10-11-2017.

New Faculty Joining CCET

Dr. Aradhna Mehta, M.E, Ph.D (IIT Delhi) Associate Professor in Civil Engg. joined on 20-10-2017.

Mr. Arafat Khan- Assistant Professor in Civil Engg. Joined on 1-11-2017.

Research @ CCET

Dept. Name	NO. OF PUBLICATIONS IN SESSION (JULY-DEC 2017)		
	Journal	Conference	Book
Computer Science and Engineering	11 (01 SCI)	-	-
Electronics Communication and Engineering	06 (01 SCI)	01	01
Mechanical Engineering	07 (03 SCI)	-	-
Civil Engineering	08	01	-



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