

Electronics Project Club

(Department of Electronics & Communication Engineering)

About us

The **Electronics Project Club (EPC)** was initiated in the year 2011-12 with the objective of providing additional practical knowledge on various technical aspects along with curriculum that help in the academic growth of student. Extra Curricular Activities conducted along with the technical events helps in the overall personality development of students. Many activities were organized by the club in which students played an active role.

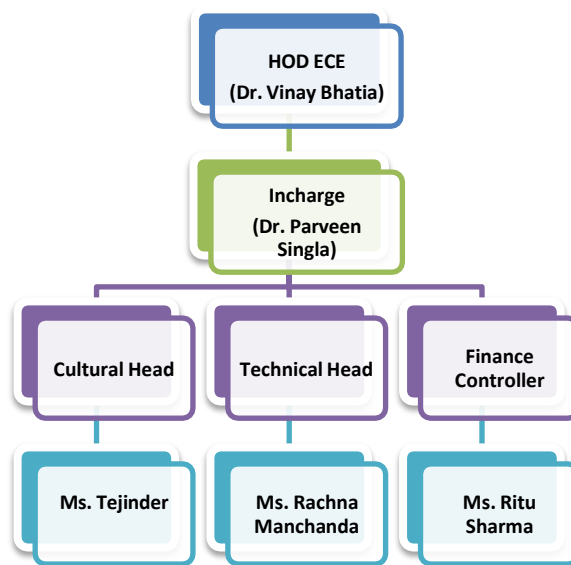
The main motive to start the club was to motivate the students to undertake project related activities in the latest technologies. Activities like paper presentations, debates, circuit making competitions, seminars and workshops are being regularly organized by the club to keep the students engaged. Students are made aware about the latest technological developments through technical articles regularly updated on EPC Notice Board.

Core Team Members

Under the expert guidance of HOD ECE, Prof. (Dr.) Vinay Bhatia, following Team members work efficiently for all the activities & development of Project Club.

Sr. No.	Name	Role
1	Dr. Parveen Singla	Incharge
2	Ms. Tejinder Kaur	Cultural Head
3	Ms. Rachna Manchanda	Technical Head
4	Ms. Ritu Sharma	Finance Controller

Electronics Project Club (EPC) Structure



Key Responsibilities

This club has been striving for:-

- Developing technical skill set of students.
- Personality development of students.
- Helping students to be aware of latest technological developments.
- Organizing workshops and seminars for students.
- Organizing in-house competitions.
- Motivating students for participation in inter-college events.
- Helping students with career guidance.
- Establishing strong bond among students by arranging group activities.

Beside these activities, EPC also encourages the students to participate actively for social work. To fulfill this, stall of candles made by students of blind school, sector 26, Chandigarh is being arranged in the campus since 2014. The students collected money and clothes for the J & K relief fund. The students generously donated medicines and clothes for helping people of PrabhAasra – home for homeless.

Events Organized under Electronics Project Club in previous years:-

CAY (2020-21)					
S. No.	Date	Event	Number of participants	Details	Outcome
1	20.03.2021	Workshop on Digital Image Processing Using MATLAB and It's Applications	75	Workshop on Digital Image Processing Using MATLAB and It's Applications is given by Dr. Harbinder Singh, Professor, ECE to let the students learn about MATLAB.	Knowledge about MATLAB and its basic use in image processing
2	13.03.2021	Expert Lecture on Drone Technology and applications	75	Expert lecture is conducted with Price Kumar, Analyst, prototype and design engineer to let the students learn in detail about installation of drone technology and its application in various fields.	Knowledge about drone technology
3	06.03.2021	Expert lecture on Drone Configurations for Data Acquisition Methods	70	Expert lecture on Drone Technology is conducted in collaboration with Fly-X, Lucknow. Er. Shubham Yadav groom the industry based skills	Knowledge about drone technology drone survey, drone flight plan

				of the students and to enhance their technical skills in the field of drone.	
4	20.02.2021	Workshop on Arduino (Online)	70	Peer mentored workshop on Arduino was conducted by Shashank Shekhar Mishra to let the students learn more about the Arduino pin description, its uses, architecture and how we can implement it in the projects related to the Electronics.	Fourth sem. Students learned the use of Arduino in projects
5	13.02.2021	Expert Lecture on Broadcasting in Digital Domain'(Online)	80	Expert Lecture on 'Broadcasting in Digital Domain' was delivered by Mr. R.K Singh ICT & broadcast media consultant, former engineer-In chief, Doordarshan to aware the students about digital broadcasting, its Role, Challenges in today's Communication.	Students learned about the concept of digital broadcasting in communication
6	13.02.2021	Radio Day	150	Electronics Project Club celebrates Radio Day every year to remember the unique power of radio as a medium to touch lives and a nexus among people bring them together across every corner of the globe. This is a mixture of interesting and entertaining technical, non-technical and cultural events.	Students participated in technical and non technical event, enhancing Co-Ordination & Team Work
7	14.12.20	ELECTROARC 2K20 (Kahoot Quiz and Idea Point)(Online)	60	Event is organized for the students of ECE on to enhance technical skills in the field of Electronics & Communication.	To enhance technical skills of students
8	19.09.2020	Seminar on Digital Communication (Online)	70	Seminar on Digital Communication is delivered by Dr. Mohit Srivastava, Professor, ECE Deptt., CEC, Landran. The vision behind organizing this expert talk is to re-energize the students towards Hybrid digital modulation techniques.	Gain knowledge about Hybrid digital modulation techniques and applications

CAY(2019-20)

S. No.	Date	Event	Number of participants	Details	Outcome
1	18.09.2019	Expert Lecture on Sensors, amplifying circuits and instrumentation in agriculture	82	Expert Lecture on Sensors, amplifying circuits and instrumentation in agriculture is delivered by Dr. Dattatraya Vhatkar, CSIO, Chandigarh. The vision behind organizing this expert talk is to re-energize the students towards the latest farming technologies now days and how sensors, amplifying circuits and instrumentation are used agriculture.	Utilization of Sensors, amplifying circuits and instrumentation in agriculture.
2	3.10.2019 & 04.10.2019	Workshop on Drone Technology	74	Workshop on Drone Technology is conducted in collaboration with Fly-X, Lucknow. Experts groom the industry based skills of the students and to enhance their technical skills in the field of drone. Students prepared their own drone.	Knowledge about drone technology and applications
3	25.03.2020	Webinar on UAV to UAV communication	82	Webinar on Drone Technology is conducted in collaboration with RISE department. Experts enhance student's knowledge in the field of drone.	Knowledge communication aspects and applications in drone technology
4	08.04.2020	Technical Quiz (Online)	161	A technical quiz is organized for the students of ECE during COVID 19 to enhance technical skills in the field of Electronics & Communication.	To enhance technical skills of students

CAY(2018-19)				
S. No.	Event	Date	Number of participants	Skills Developed
1	Technical Quiz	26.07.2018	50 students participated	Students will be able to qualify any exam.
2	Guest Lecture (Dr. Rohit Y. Sharma, IIT, Ropar)	24.08.2018	60 students participated	Students will be able to carry out Embedded based project.
3	Workshop on PROTEUS (Er. Shubham Sharma, Wonder Automation)	13.09.2018	55 students participated	Exposure to Industrial Automation
4	Seminar on IOT	04.10.2018	65 students participated	Knowledge about wireless communication
5	Radio Day	13.02.2019	200 students participated	Co-Ordination & Team Work
6	Expert Lecture on Architecture for Machine Learning Application (Dr. Neeraj Goel, IIT Ropar)	01.03.2019	55 students participated	Exposure to AI & ML
7	Guest lecture on Drone Technology (Er. Shubham, Fly X Pvt. Ltd.)	02.04.2019	65 students participated	Awareness about drone technology
CAY(2017-18)				
S No.	Event	Date	Number of participants	Skills Developed
1	Technical Quiz	24.07.17 & 28.07.17	70 students participated	Knowledge about Electronics Fundamentals Tested

2	Guest Lecture on Designing high-speed interconnects.	31.08. 2017	60 students participated	Knowledge about circuit designing
3	Teacher's Day	05.09.17	20 students participated	Co-Ordination & Team Work
4	Guest Lecture on Wireless Technologies	29.09.17	60 students participated	Knowledge about wireless communication
5	International Elderly Day	01.10. 2017	20 students participated	Social work
6	Workshop on Automation by Novam Controls, Chandigarh	07.10.17	3 rd & 5 th Sem. (45 Participants)	Exposure to Industrial Automation
7	International Elderly Day	01.10.17	20 students participated	To Honor elders
8	Guest Lecture High Speed Processors	23.01.18	60 students participated	Students will be aware from the working of high speed processors.
9	Radio Day	13.02.18	200 students participated	Co-Ordination & Team Work

CAYm1(2016-17)

S No.	Event	Date	Number of participants	Skills Developed
1	Workshop on "Raspberry Pi,Arduino& Internet of Things(IOT)	6 th & 7 th August,2016	35 students participated	Robotics Design Concepts and Applications
2	Teacher's Day	5 Sep.2016	30 students participated	Co-Ordination & Team Work
3	Workshop on "PLC & SCADA"	24 th September, 2016	68 students participated	Knowledge of Automation
4	Candle Stall	21-22 Oct., 2016	5 students participated	Ethics and Human Values
5	World Radio Day	9, 11 & 13 Feb., 2017	150 students participated	Co-Ordination & Team Work, Presentation skills
6	Seminar on VLSI	5 April, 2017	57 students	Robotics Design Concepts

	Design & IOT		participated	and Applications
7	Workshop on Mobile Application development using Android	7-8 April, 2017	37 students participated	Mobile communication concepts and applications
CAYm2(2015-16)				
S No.	Event	Date	Number of participants	Skills Developed
1	Teacher's Day	5 Sep 2015	50 students participated	Co-Ordination & Team Work
2	Seminar on Cloud Computing	7-Oct-15 & 14-Oct 2015	80 students participated	Gained Knowledge about latest technology
3	Seminar on 4G wireless Technology	21 oct 2015	50 students participated	Gained Knowledge about high speed networks
4	Orcad Workshop	17 oct 2015	30 students participated	Knowledge of Circuit Designing
5	Online Technical Test	9 Oct 2015 & 16 Oct 2015	60 students participated	Knowledge about Electronics Fundamentals Tested
6	Proteus/Component Testing Lectures	7,8,12,13 Oct 2015	150 students participated	Knowledge of Circuit Designing
7	Candle Stall	5 Oct 2015	5 students participated	Ethics and Human Values
8	World Radio Day	13 Feb 2016	100 students participated	Co-Ordination & Team Work, Presentation skills