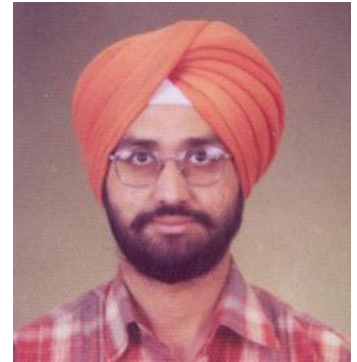


Message by HOD

The Department of Electronics and Communication Engineering, established in 1981, is one of the most dynamic departments of Guru Nanak Dev Engineering College. It was the first major diversification initiative by the college, 25 years after its establishment. The department is currently running Bachelors and Masters of Technology courses in Electronics and Communication Engineering and has around 10 scholars enrolled for doctorate in areas like Antenna Design, VLSI, Optical communication etc. Ever since its inception, the department has been the hub of academic excellence through some great teachers who have laid a sound foundation as well as the cream of students of the region, who have spread their wings all over the globe. Since, its inception, the department has been giving a great emphasis on the overall development and improvement of its students and staff.



Student Corner

IETE Students' Forum (ISF) of the department of Electronics and Communication Engineering regularly organises technical and non technical events where students are given chance to showcase their talent and knowledge. The prime intent of this ISF is to enhance the students' technical merit and implant the habit of deeper learning and research.

IETE Students' Forum (ISF) of the department of Electronics and Communication Engineering organized a quiz event named **Tech Mechs** on 25 September'17 on Monday. It was a Quiz event consisting of two rounds: Quiz and Icebreaker and about 18 students participated in it. First 3 participants were awarded with the certificate. The following members of ISF organized this event: Raghu , Mohit , Girish , Komal , Lisha , Swapnil Verma , Sukhdeep Kaur. A quiz event named **Back To School** was organised on 09 NOV'17. It was a team event and about 12 teams participated in it. First 3 teams were awarded with the certificate and first 6 teams will be given an opportunity to organize an event at Radiostation(GNDEC).

IETE Students' Forum organized a quiz event named "**Fun ka Teers**" on 22 February 2018. It was a Fun event and winners were awarded with certificates. A quiz event named "**All about India**" was also organised on 27 March 2018. This event was planned to check the general knowledge about our country and it also gave students a chance to showcase speaking skills via Extempore. Again, winners were awarded with certificates.

ISF also organized Fun-Techno event named “**MusiKanto**” on 19 April, 2018. This event was planned to take the memory test of the students and also to check their listening skills. Students from various department of GNDEC participate actively in events organized by ISF.

Organizers and Winners of ISF events (Session Jan-May'18)

Fun K Teers (22 Feb,2018)

Organizers:-

1	Mohit Kalia	D2,ECE/A2	1606994
2	Komal	D2,ECE /A2	1606984
3	Lisha	D2,ECE /A2	1606987
4	Manpreet Singh	D2,ECE /A2	1606991
5	Neeraj kumar	D2,ECE /A2	1606998

Winners:-

1	Sahil Baba Tiwari	D3 ECE B2	1607068
	Sudhanshu Nath Mishra	D3 ECE B1	1507876
2	Palvi	D2 ECE A2	1607001
	Pawandeep Singh	D2 ECE A2	1607003
3	Tarun Kumar	D3 EE B1	1507784
	Amit Singh Dhanoa	D3 ECE A1	1507799

All About India (27 March,2018)

Organizers :-

1	Simran Malhotra	D3 ECE B1	1507873
2	Prem Kumar	D3 ECE B1	1507857
3	Vikas Singh	D3 ECE B1	1507883
4	Swapnil Verma	D3 ECE B1	1507880
5	Taranpreet kaur	D3 ECE B1	1507881
6	Sukhdeep Kaur	D3 ECE B1	1507878

Winners:-

1	Bipinjit Kaur Hara	D3,CSE	1507561
2	Tarun Kumar	D3,EE	1507784
3	Sudhanshu Nath Mishra	D3,ECE	1507876

Musickanto (19 April,2018)

Organizers:-

1	Mohit Kalia	D2,ECE	1606994
2	Raghu Mahendru	D2,ECE	1607008
3	Girish Puri	D2,ECE	1606966

4	Parampreet Singh	D3,ECE	1507852
5	Charanpreet Singh	D3,ECE	1507813

Winners:-

1	Aashna Nagpal	D3,ECE A1	1507789
2	Harpreet Singh	D2,EE B2	1706684
3	Prem Kumar	D3,ECE B1	1507857

Apart from this symposium, department also motivates its students to participate in various national and international technical and cultural events, symposiums etc.

Glimpses of ISF event





Achievements of students in sports activities in Institute

SESSION	ROLL NO.	NAME	ACHIEVEMENT
2017-2018	1411175	Parneet Kaur	Won Gold in 4*400m Inter Deptt. Relay
2017-2018	1507805	Arshdeep kaur	Won Gold in 4*400m Inter Deptt. Relay
2017-2018	1507830	Jasmeet Singh	Won Gold in 800m
2017-2018	1507830	Jasmeet Singh	Won Silver in 400m
2017-2018	1507878	Sukhdeep Kaur	Won Gold in 1500m
2017-2018	1507878	Sukhdeep Kaur	Won Gold in 800m
2017-2018	1507878	Sukhdeep Kaur	Won Gold in 4*400m Inter Deptt. Relay
2017-2018	1507881	Taranpreet Kaur	-
2017-2018	1508400	Jatinder Singh	Won Silver in Javelin Throw
2017-2018	1507836	Karan Singh Dhanjal	Won Gold in Inter year Polo
2017-2018	1507836	Karan Singh Dhanjal	Won Silver in Inter year Basketball

Achievements of students in sports activities outside the Institute

SESSION	NAME	ACHIEVEMENT
INTER UNIVERSITY		
2017-2018	Parneet Kaur Dhindsa	Member PTU Chess Team(Won Bronze)
2017-2018	Sahil Baba Tiwari	Member PTU Football Team
2017-2018	Jasmeet Singh	Member PTU Cross Country Team
2017-2018	Pargat Singh	Member PTU Cycling Team
COLLEGE TEAMS		
2017-2018	Parneet Kaur Dhindsa	Captain College Chess Team
2017-2018	Taranpreet Kaur	Captain College Basketball Team
2017-2018	Pargat Singh	Captain College Cycling Team

PTU INTER COLLEGE TOURNAMENTS

2017-2018	Saloni Sharma	Won Gold in Chess
2017-2018	Alka Bharti	Won Gold in Chess
2017-2018	Asha Kumari	Won Silver in Basketball
2017-2018	Asha Kumari	Won Silver in Handball
2017-2018	Gurmeet Kaur	Won Silver in Basketball
2017-2018	Gurmeet Kaur	Won Silver in Handball
2017-2018	Gurmeet Kaur	Won Gold in Cycling
2017-2018	Gursimran Singh	Won Bronze in Cross Country
2017-2018	Gursimran Singh	Won Gold in Hockey
2017-2018	Gursimran Singh	Won Silver in Football
2017-2018	Meenu Bharti	Won Gold in Lawn Tennis
2017-2018	Sudeep Mondal	Won Silver in Football
2017-2018	Paramveer Singh	Won Silver in Football
2017-2018	Paramveer Singh	Won Bronze in Athletics
2017-2018	Anjani Kr. Singh	Won Gold in Cricket
2017-2018	Pawan Scahdeva	Won Gold in Cricket
2017-2018	Abhay Preet Singh	Won Gold in Hockey
2017-2018	Simranjeet Kaur	Won Gold in Cross-Country
2017-2018	Abhay Preet Singh	Won Silver in Volleyball
2017-2018	Parneet Kaur Dhindsa	Won Gold in Chess
2017-2018	Jatinder Singh	Won Bronze in Athletics
2017-2018	Karan Singh Dhanjal	Won Silver in Basketball
2017-2018	Karan Singh Dhanjal	Won Gold in Swimming
2017-2018	Sahil Baba Tiwari	Won Silver in Football
2017-2018	Taranpreet Kaur	Won Silver in Basketball
2017-2018	Taranpreet Kaur	Won Silver in Handball

2017-2018	Aashna	Won Silver in Basketball
2017-2018	Harsimranjot Chaine	Won Silver in Basketball
2017-2018	Sukhdeep Kaur	Won Gold in Cross Country
2017-2018	Arshdeep Kaur	Won Silver in Handball
2017-2018	Sukhdeep Kaur	Won Silver in Handball
2017-2018	Sukhdeep Kaur	Won Silver in Athletics
2017-2018	Jasmeet Singh	Won Bronze in Cross Country
2017-2018	Jasmeet Singh	Won Bronze in Athletics
2017-2018	Pargat Singh	Won Bronze in Cross Country
2017-2018	Pargat Singh	Won Gold in Cycling
2017-2018	Rohit Kumar	Won Gold in Cycling
2017-2018	Rahul Ranjan	Won Gold in Cricket

Activities and achievements by faculty

Department regularly organizes workshops and faculty development programs, providing chance for understanding and gaining knowledge about the latest developments in various fields of ever-changing world of technology.

Details of STC/FDP organised

Sr. No	Title	Date/Duration	Place	National/International
1.	One Week QIP sponsored Short Term Course on “Design Issues in Low Power Applications in Electronics”	12 th – 16 th March, 2018	GNDEC, Ludhiana	National
2.	Two Week AICTE sponsored Faculty Development Programme on “Design Challenges in Low Power VLSI Design”	4 th -16 th Dec,2017	GNDEC, Ludhiana	National
3.	AICTE sponsored Seminar on “Design Issues in Low Power VLSI Domain”	8 th Nov,2017	GNDEC, Ludhiana	National
4.	Workshop on Applications of HAM Radio	28 th -29 th Sept, 2017	ISF, GNDEC, Ludhiana	National

List of Faculty as Participant in Workshop/STTP/FDP/STC Session (July, 2017- June, 2018)

S.No.	Name of Faculty	Name of Workshop/ STTP/ FDP/ STC	Name of Organizing Department/ Institute	Place / Venue	Name of Sponsoring Organization / Department	Date	Duration
1	Sandeep Singh Gill	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
2	Sandeep Singh Gill	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
3	Ameeta Seehra	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
4	Narwant Singh	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
5	Narwant Singh	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day

6	Narwant Singh	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
7	Narwant Singh	Short Term Course on "Design Issues in Low Power Applications in Electronics"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
8	Balwinder Singh Dhaliwal	Workshop on "Applications of Ham Radio"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Dept. of Electronics & communication on Engg.,GNDEC, Ludhiana (IETE-ISF)	September 28-29, 2017	Two days
9	Balwinder Singh Dhaliwal	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
10	Balwinder Singh Dhaliwal	National Seminar on "Design Issues in Low Power VLSI Domain' "	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
11	Balwinder Singh Dhaliwal	Workshop on "Applications of Statistical Techniques using Various Softwares"	National Institute of Technology, Hamirpur.	National Institute of Technology, Hamirpur.	National Institute of Technology, Hamirpur.	November 20-26, 2017	One week

12	Balwinder Singh Dhaliwal	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering, GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
13	Balwinder Singh Dhaliwal	Three Days National Workshop on “Ethical Issues & Use of Anti-Plagiarism Tools for Research Integrity”	Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gajarat	Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gajarat	Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gajarat	March 26-28, 2018	Three Days
14	Munish Rattan	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
15	Munish Rattan	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering, GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
16	Munish Rattan	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering, GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
17	Baljeet Kaur	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks

		& Health Informatics"					
18	Baljeet Kaur	National Seminar on "Design Issues in Low Power VLSI Domain' ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
19	Baljeet Kaur	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
20	Baljeet Kaur	Short Term Course on "Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
21	Harminder Kaur	National Seminar on "Design Issues in Low Power VLSI Domain' ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
22	Harminder Kaur	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks

23	Harminder Kaur	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
24	Gurjot Kaur Walia	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
25	Gurjot Kaur Walia	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
26	Gurjot Kaur Walia	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
27	Navneet Kaur	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
28	Navneet Kaur	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks

29	Navneet Kaur	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
30	Gurpurnee t Kaur	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
31	Gurpurnee t Kaur	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
32	Gurpurnee t Kaur	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
33	Chahat Jain	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
34	Chahat Jain	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks

35	Chahat Jain	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
36	Harminder Kaur Aulakh	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
37	Harminder Kaur Aulakh	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
38	Harminder Kaur Aulakh	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
39	Kuldeepak Singh	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
40	Kuldeepak Singh	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks

41	Kuldeepak Singh	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
42	Jasmeet Kaur	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
43	Jasmeet Kaur	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
44	Jasmeet Kaur	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
45	Daljith Singh	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
46	Daljith Singh	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week

47	Sapanjot Kaur Sandhu	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
48	Sapanjot Kaur Sandhu	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
49	Sapanjot Kaur Sandhu	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
50	Simranjit Kaur	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
51	Simranjit Kaur	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
52	Simranjit Kaur	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks

53	Simranjit Kaur	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
54	Naazia Makkar	Workshop on "Applications of Ham Radio"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Dept. of Electronics & communication on Engg.,GNDEC, Ludhiana (IETE-ISF)	September 28-29,2017	Two days
55	Naazia Makkar	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department,Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks
56	Naazia Makkar	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
57	Naazia Makkar	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
58	Naazia Makkar	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week

59	Nishu Kansal	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
60	Nishu Kansal	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
61	Nishu Kansal	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
62	Palwinder Kaur	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
63	Palwinder Kaur	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
64	Tarandeep Singh	FDP on "Research Opportunities in Medical Imaging Biomedical Engineering & Health Informatics"	Information Technology Department, Guru Nanak Dev Engineering College, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	October 23, 2017 - November 3, 2017	Two weeks

65	Tarandeep Singh	National Seminar on “Design Issues in Low Power VLSI Domain’ ”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	November 8, 2017	One day
66	Tarandeep Singh	FDP on "Design Challenges in Low Power VLSI Design"	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : AICTE	December 04, 2017 - December 16, 2017	Two weeks
67	Tarandeep Singh	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
68	Preeti Pannu	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
69	Taranjit Kaur	Short Term Course on “Design Issues in Low Power Applications in Electronics”	Department of Electronics & Communication Engineering ,GNDEC, Ludhiana	Guru Nanak Dev Engineering College, Ludhiana	Organization : QIP	March 12-16, 2018	One week
70	Taranjit Kaur	Short Term Course on “MedImg : 4th Annual Workshop on Medical Imaging Techniques, Post Processing and Clinical Applications”	Centre for Biomedical Engineering	Indian Institute of Technology, Delhi	Organization : QIP	April 13-16, 2018	Four days

71	Avneet Kaur	Short Term Course on “MedImg : 4th Annual Workshop on Medical Imaging Techniques, Post Processing and Clinical Applications”	Centre for Biomedical Engineering	Indian Institute of Technology, Delhi	Organization : QIP	April 13-16, 2018	Four days
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Glimpses of activities organised for Faculty





List of Journal Publications by ECE Faculty Session (July, 2017- June, 2018)

S No.	Name of Author(s)	Title of Paper	Name of the Journal	Volume No. / Issue No./ Page numbers/ ISSN	Month, Year of Publication	National/ International	Refereed/ Non-Refereed	Indexing
1	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	Influence of Fin Dimensions on Performance of Nanoscale Rectzoidal Bulk FinFET	Journal of Nanoelectronics and Optoelectronics	Accepted	2018	International	Refereed	SCI/ Scopus
2	Sandeep Singh Gill et al.	Performance Analysis of Impact of Source/Drain Doping Gradient as well as Roll-off Widths on GIDL of Double Gate MOSFET	Journal of Nanoelectronics and Optoelectronics, American Scientific Publishers	Accepted	2018	International	Refereed	Accepted). (SCI/Scopus indexed)

3	Jashanjot Kaur, Sandeep Singh Gill, Gurpurneet Kaur	Electrical Characteristics of Double Gate and Trigate Silicon-On-Insulator Fin FET based Inverter at 20nm Technology	International Journal of Research in Engineering, IT and Social Sciences (IJREISS)	Vol.8, Special Issue, page 72-80, ISSN-2250-0588 (Online)	June 2018,	International	Refereed	http://indusedu.org/indexing.php , (UGC approved Journal No. 42301)
4	Harsimranjit Singh Gill, Sandeep Singh Gill Kamaljit Singh Bhatia	A novel approach for physical layer security in future-generation passive optical networks	Photonic Network Communications. Springer	Volume 35, Issue 2, pp 141–150, ISSN: 1387-974X. (SCI/Scopus indexed)	April, 2018	International	Refereed	Science Citation Index, Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS
5	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	Performance optimization of Broadwell-Y shaped transistor using Artificial Neural Network and Moth-Flame Optimization Technique	Majlesi Journal of Electrical Engineering	Vol 12 No 1, p-ISSN: 2345-377X	March, 2018	International	Refereed	http://mjee.iuamajlesi.ac.ir/index/index.php/ee/about/editorialPolicies#custom-0 , (Scopus)
6	Sanjeev Kumar, Sandeep Singh Gill, Kuldeepak Singh	Performance Investigation of Inter-satellite Optical Wireless Communication (IsOWC) System Employing Multiplexing Techniques	Wireless Personal Communications, Springer	Volume 98, Issue 1, pp 1461–1472, ISSN: 0929-6212.	January, 2018	International	Refereed	(SCI/Scopus indexed)

7	Harsimranjit Singh Gill, Sandeep Singh Gill Kamaljit Singh Bhatia	A novel chaos-based encryption approach for future-generation passive optical networks using SHA-2	IEEE/OSA Journal of Optical Communications and Networking	Volume: 9, Issue: 12, pp. 1184-1190	December, 2017	International	Refereed	(SCI/Scopus indexed)
8	Rajneesh Kumar, Arvind Kumar, Devinder Singh	Elastodynamic interactions of laser pulse in microstretch thermoelastic mass diffusion medium with dual phase	Microsystem Technologies	Vol.24, Issue 4, pp 1875–1884, ISSN 0946-7076	April, 2018	International	Refereed	Scopus
9	Rajneesh Kumar, KulvinderSingh, Devinder Singh Pathania	Propagation of Rayleigh waves in micropolar thermoelastic half space with impedance boundary conditions	Materials Physics and Mechanics	Vol.35, pp.115-125	2018	International	Refereed	Scopus
10	Devinder Singh et al.	Thermomechanical Properties of Piezoelectric microstretch Solid Irradiated by Laser and Subjected to Ramp type heating source	IUP journal of Mech.Engg.	Vol.11, No.2,pp.38-57	2018	International	Refereed	
11	Arvind Kumar, Devinder Singh	Mechanical disturbances in a micropolar plate due to Hall current, rotation and thermal laser heat source	To Physics journal,	Vol.1, No.1,pp.28-37	2018	International	Refereed	

12	Arvind Kumar, Devinder Singh	Analysis of plane deformation in thermodiffusive microstretch and micropolar media in context of GL and LS theories of thermoelasticities	Structural Integrity and Life	Vol. 18, No 1, pp. 23–30	2018	International	Refereed	Scopus
13	Devinder Singh et al.	Regular Intuitionistic fuzzy graph structure	Int, J. RASET	Accepted	2018	International	Refereed	-
14	P.K.Sharma , Gagandeep Kaur , Devinder Singh Pathania	Intuitionistic fuzzy supplement and intuitionistic fuzzy coclosed submodules	International Journal of Latest Trends in Engineering and Technology	Vol.10, Issue 2, pp.061-066 ISSN:2278-621X	2018	International	Refereed	https://www.ijltet.org/journal/152522062509.%202307.pdf
15	Devinder Singh et al.	Thermo-mechanical behavior of Microstretch Thermoelastic Medium with Micro temperatures subjected to input heat source	Structural Integrity and Life	Communicated	2018	International	Refereed	-
16	Arvind Kumar, Devinder Singh	Dynamical properties of piezoelectric microstretch solid subjected to laser and ramp type heating source	International Journal of Mathematical Archive	Vol.8, No.12, pp. 71-79, ISSN 2229 – 5046	2017	International	Refereed	http://www.ijma.info/index.php/ijma/pages/view/indexing

17	Praveen Ailawalia, Sunil Kumar Sachdeva and Devinder Singh Pathania	Effect of mechanical force along the interface of semi-infinite semiconducting medium and thermoelastic micropolar cubic crystal	Cogent Mathematics	Vol. 4, Issue 1, pp.5-17	July, 2017	International	Refereed	Scopus
18	Parveen Ailawalia, Sunil Sachdeva, Devinder Singh	Laser pulse heating in thermomicrostretch layer overluing thermoelastic half space,	Journal of Applied Physical Science International	Vol.7, Issue 4, ISSN No. : 2395-5260 (Print), 2395-5279 (Online),	2017	International	Refereed	Scopus
19	Pankaj Thakur, Devinder Singh , Gaurav Verma, Satya Bir Singh	Elastic Plastic Stress Analysis in a Spherical Shell under internal pressure and steady state temperature	STRUCTURAL INTEGRITY AND LIFE	Vol. 17, No 1 , pp. 39-43	2017	International	Refereed	Scopus
20	Pankaj Thakur, Satya Bir Singh, Devinder Singh , Gaurav V	Thermal creep stress and strain analysis in non-homogeneous shell	Journal of Theoretical and Applied Mechanics	Vol.55, No.4, pp. 1155-1165, Warsaw 2017, ISSN 1429-2955	2017	International	Refereed	Scopus
21	Pushkar Mishra, Shyam Sunder Pattnaik and Balwinder Singh Dhaliwal	Modified Concentric Rings Based Square Shaped Fractal Antenna for Wi-Fi& WiMAX Application	International Journal of Electronics Engineering Research	Vol. 9, No. 7, pp. 1005 – 1012.	2017	International	Refereed	https://www.ripublication.com/ijeer.htm

22	Balwinder Singh Dhalwal, Shyam Sundar Pattnaik	Development of PSO-ANN Ensemble Hybrid Algorithm and Its Application in Compact Crown Circular Fractal Patch Antenna Design	Wireless Personal Communications	Vol. 96, No. 1, 2017, pp. 135-152.	2017	International	Refereed	Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS
23	Pushkar Mishra, Shayam S. Pattnaik, Balwinder Singh Dhalwal	Square-Shaped Fractal Antenna under Metamaterial Loaded Condition for Bandwidth Enhancement	Progress In Electromagnetics Research C	Vol. 78, 2017, pp. 183-192	2017	International	Refereed	Elsevier's SCOPUS and Compendex now
24	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Linear Antenna Array Failure Correction Using Improved Bat Algorithm	International Journal of RF and Microwave Computer-aided Engineering (Wiley) (Impact Factor 0.524)	Volume 27, Issue 7, pp. 1-16	September, 2017	International	Refereed	http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-047X/homepage/ProductInformation.html , (SCI expanded, SCOPUS, WOS)
25	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Non-Uniform Circular Antenna Array Failure Correction Using Firefly Algorithm	Wireless Personal Communications (springer) (Impact Factor 0.701 (2015))	Vol.97, Issue 1, pp 845-858	November, 2017	International	Refereed	http://www.springer.com/engineering/signals/journal/11277 , (SCI expanded, SCOPUS)

26	Kiranjot Kaur, Munish Rattan & Manjeet Singh Patterh	Cuckoo Search Based Optimization of Multiuser Cognitive Radio System Under the Effect of Shadowing	Wireless Personal Communications An International Journal	Vol. 99 No. 3, ISSN 0929-6212, pp-1217-1230	April, 2018	International	Refereed	https://link.springer.com/article/10.1007/s11277-017-5181-4 , (Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, SCOPUS, Google Scholar)
27	Navjot Singh Cholia, Munish Rattan , Naazia Makkar	Implementation of DPSK Technique using GNU-Radio Tool on SDR Platform	International Journal of Electronics, Electrical and Computational System (IJECS)	Vol. 7 Issue 4, ISSN 0929-6212, pp-711-716	April, 2018	International	Refereed	http://road.isn.org/issn/2348-117X-international-journal-of-electronics-electrical-and-computational-system-#.WypPHsLhUdU
28	Ravinder Kaur, Palwinder Kaur , Gagandeep Singh, Gurpreet Singh	Programmatir Buying vs. Traditional Paid Marketing Approaches	International Journal for Scientific Research & Development (IJSRD)	Volume 5, Issue 5, pp.1207-1210, ISSN (online): 2321-0613	August, 2017	International	Refereed	http://ijsrd.com/

29	Ravinder Kaur, Palwinder Kaur , Gagandeep Singh, Gurpreet Singh	Impact of Marketing Automation Customer Engagement 7 Retention	International Journal for Scientific Research & Development (IJSRD)	Volume 5, Issue 5, pp. 1083-1086, ISSN (online): 2321-0613	August, 2017	International	Refereed	http://ijsrd.com/
30	Ravneet Kaur, Harmander Kaur	Comparative analysis of chirped, AMI and DPSK modulation techniques in IS-OWC system	Optik - International Journal for Light and Electron Optics (Elsevier)	Volume 154, Pages 755-762	Feb-18	International	Refereed	SCOPUS
31	Taranjit Kaur , Baljinder Singh Saini, Savita Gupta	An optimal spectroscopic feature fusion strategy for MR brain tumor classification using Fisher Criteria and Parameter-Free BAT optimization algorithm	Biocybernetics and Biomedical Engineering (Elsevier)	Volume 38, Issue 2, 2018, Pages 409-424	2018	International	Refereed	SCOPUS
32	Taranjit Kaur , Baljinder Singh Saini, Savita Gupta	A novel fully automatic multilevel thresholding technique based on optimized intuitionistic fuzzy sets and Tsallis entropy for MR brain tumor image segmentation.	Australasian Physical & Engineering Sciences in Medicine	Volume 41, Issue 1, pp 41-58	Mar-18	International	Refereed	Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, Medline, SCOPUS
33	Taranjit Kaur , Baljinder Singh Saini, Savita Gupta	A comparative study on Kapur's and Tsallis entropy for multilevel thresholding of MR images via particle swarm optimisation technique	International Journal of Computational Systems Engineering	Volume 4, Issue 2-3, Print ISSN: 2046-3391 Online ISSN: 2046-3405	November, 2018	International	Refereed	http://www.inderscience.com/jhome.php?jcode=ijcysy

34	Atul Kumar Verma, Barjinder Singh Saini, Taranjit Kaur	Image Denoising using Alexander Fractional Hybrid Filter	International Journal Of Image and Graphics	Vol. 18, No. 1, pp.	January , 2018	International	Refereed	SCOPUS
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List of Conference Publications by ECE Faculty

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1	Prabhjot Kaur, Sandeep Singh Gill, Navneet Kaur	Performance analysis of Junctionless accumulation mode (JAM) bulk FinFET using Dual-K Spacers at 15nm gate length	International Conference on Trends in Electronics and Informatics (ICOEI 2018)	SCAD College of Engineering and Technology, Cheranmahadevi , Tirunelveli, Tamil Nadu, India	May 11-12, 2018	International
2	Jashanjot Kaur, Sandeep Singh Gill, Gurpreet Kaur	Electrical Characteristics of Double Gate and Trigate Silicon-On-Insulator Fin FET based Inverter at 20nm Technology	International Conference on Applied Sciences and Engineering (ICASE 2018)	Panjab University, Chandigarh, India	May 25, 2018	International

3	Pulkit Jain, Debjyoti Mallik, H. S. Jatana, Sandeep Singh Gill	SQNR Improvement in Fixed-Point FFT Architecture	2017 International Conference on Computing & Communication Technologies for Smart Nation (IC3TSN),IEEE Explore	G. D.Goenka University, Gurgaon	October 12- 14, 2017	International
4	Devinder Singh Pathania et al.	Creep Analysis in a spherical shell under pressure	International Conference on Science and Technology : Trends and Challenges (ICSTTC-2018)	Gujranwala Guru Nanak Khalsa College, Ludhiana	April 16- 17, 2018	International
5	Devinder Singh Pathania et al.	On mathematical model of rayleigh waves in Microstretch thermoelastic medium with two temperatures	International Conference on Science and Technology : Trends and Challenges (ICSTTC-2018)	Gujranwala Guru Nanak Khalsa College, Ludhiana	April 16- 17, 2018	International
6	Devinder Singh Pathania et al.	Dynamic Response of Microstretch diffusion solid under three theories of thermoelasticity	International Conference on Skills in Management & Applied Sciences (MICSMAS- 2018)	S.C.D Government College, Ludhiana	March 10- 11, 2018	International
7	Devinder Singh Pathania et al.	Collapse Prenure Analysis of Spherical Shell	International Conference on Skills in Management & Applied Sciences	S.C.D Government College, Ludhiana	March 10- 11, 2018	International

8	Devinder Singh Pathania et al.	Microstretch Thermoelasticity : A Review	National Conference on Recent Trends & Innovations in Pure and Applied Mathematics (RTIPAM-2018)	DAV College, Jalandhar, India	February 23-24, 2018	National
9	Devinder Singh Pathania et al.	A mathematical model for micropolar medium subjected to hall current, rotation and nano second laser	10th Interantional Conference on Recent Development in Engineering Science, Humanities and Management (ICRDESHM'17)	PU, Chandigrh, India	December 24, 2017	International
10	Devinder Singh Pathania et al.	Thermomechanical Interactions due to Laser pulse in micropolar thermoelastic medium with three phase lag model	3rd International Conference on Advancements in Engineering, Applied Science and Management (ICAEASM-2017)	C-DAC, Mumbai, Maharashtra, India	August 19, 2017	International
11	Yashmi and Balwinder Singh Dhaliwal	Design of a dual band crown fractal antenna	IEEE Applied Electromagnetic s Conference (AEMC-2017)	Aurangabad, India	December, 2017	International
12	Damandeep Kaur, Gurjot Kaur Walia	Edge Detection of Malaria Parasites using Ant Colony Optimization	International Conference on Signal Processing, Computing and Control (ISPCC 2017)	Jaypee University of Information Technology, Solan, Himachal Pradesh, India	September 21-23, 2017	International

13	Neha, Gurjot Kaur Walia, Harminder Kaur	A Review on Security Measures for Preventing Different Attacks in MANETs	ISF Congress	DAV University, Jalandhar, India	September 6-7, 2017	National
14	Samjot Kaur Aujla, Navneet Kaur	Impact of Si/SiGe heterojunction on dual agte and dual gate dielectric material SOI FinFET	IEEE International Conference on Computation Methodologies and Communication (ICCMC 2017)	Surya Engenering College, Tamil Nadu, India	July 18-19, 2017	International
15	Navjot Singh Cholia, Munish Rattan, Naazia Makkar	Implementation of DPSK technique using GNU Radio Tool on SDR platform	International Conference on Electrical, Electronics and Communication Engineering (ICEECE-2018)	Telangana, India	April 27-28, 2018	International

Expert Lectures Organised (For both Faculty and Students(2017-2018))

S.No.	Name of Expert	Expert's Organization	Expert From (Academic/ Institute/ Industry)	City	Country	Topic of Lecture	Date of Visit
1.	Er. Ganesh	Edgate Solution Pvt.Ltd.	Industry	Bengaluru	India	Embedded systems MSP430	22 nd June,2018
2.	Er. Ganesh	Edgate Solution Pvt.Ltd.	Industry	Bengaluru	India	Embedded systems MSP430	21 st June ,2018
3.	Er. Hitesh Pahuja	CDAC	Industry	Mohali	India	Low Power VLSI Design	20 th June,2018
4.	Er. Parveen Pachisiya	PI Business Consultants	Industry	New Delhi	India	Analytics	15 th June ,2018
5.	Er. Parveen Pachisiya	PI Business Consultants	Industry	New Delhi	India	Analytics	14 th June,2018
6.	Er.Kamal Bhalla	Punjab Communication Ltd.	Industry	Mohali	India	PLCC communication system and solar system	13 th June,2018
7.	Dr.H.S.Jatana	SCL	Industry	Mohali	India	VLSI Design	12 th June,2018
8.	Dr.H.S.Jatana	SCL	Industry	Mohali	India	VLSI Design	11 th June ,2018
9.	Dr.Amit Kamra	GNDEC	Academic	Ludhiana	India	Biometric Authentication using MATLAB	16 th March, 2018
10.	Dr.Sujata Pal	IIT	Academic	Ropar	India	Energy Utilization in wireless networks	16 th March, 2018

11.	Dr.Simranjit Singh	Punjabi University	Academic	Patiala	India	Opportunities in Low Power Optics and its applications, High Power Optics for Next generation optical networks	15 th March, 2018
12.	Dr.Balwinder Singh Dhaliwal	GNDEC	Academic	Ludhiana	India	Design of miniaturized fractal antenna using hybrid optimization algorithms for low power applications	15 th March, 2018
13.	Er.Navneet Kaur	GNDEC	Academic	Ludhiana	India	2D and 3D design of semiconductor devices using visual TCAD tool	14 th March, 2018
14.	Er. Gurpreet Kaur	GNDEC	Academic	Ludhiana	India	2D and 3D design of semiconductor devices using visual TCAD tool	14 th March, 2018
15.	Dr. Akshay Girdhar	GNDEC	Academic	Ludhiana	India	Digital Image Enhancement using histogram processing	14 th March, 2018
16.	Dr.Baljeet Kaur	GNDEC	Academic	Ludhiana	India	Optical communication for low power applications	14 th March, 2018
17.	Dr. Munish Rattan	GNDEC	Academic	Ludhiana	India	Energy Harvesting: An overview	13 th March, 2018
18.	Dr. Barjesh Kumar Kaushik	GNDEC	Academic	Ludhiana	India	Low power VLSI Design and interconnects, Spintronics based Low VLSI power design	12 th – 13 th March, 2018
19.	Dr.Sam Darshi	GNDEC	Academic	Ludhiana	India	Techniques for Low Power Devices: Paradigm of current and upcoming	12 th March, 2018

						Wireless Networks	
20.	Dr.Sandeep Singh Gill	GNDEC	Academic	Ludhiana	India	Overview of Low Power Applications in Electronics	12 th March, 2018
21.	Dr..H.S.Jatana	SCL	Industry	Mohali	India	VLSI &Embedded Systems for Communication Applications	28 th Dec,2017
22.	Dr..H.S.Jatana	SCL	Industry	Mohali	India	VLSI &Embedded Systems for Communication Applications	28 th Dec,2017
23.	Er. Harsewak Singh	CTR	Industry	Ludhiana	India	PLC	26 th Dec,2017
24.	Dr.Kanav Kohal	PHFI	Industry	New Delhi	India	Iot	22 st Dec,2017
25.	Dr.Kanav Kohal	PHFI	Industry	New Delhi	India	Iot	21 st Dec,2017
26.	Er. Parveen Pachisiya	PI Business Consultants	Industry	New Delhi	India	Analytics	20 th Dec,2017
27.	Sh.Deepak Goyal	BelWo Services Pvt. Ltd.	Industry	Mohali	India	Management CCM	18 th Dec,2017
28.	Dr.Sandeep Singh Gill	GNDEC	Academic	Ludhiana	India	VLSI Physical Design Automation	16 th Dec,2017
29.	Dr.Balwinder Singh Dhaliwal	GNDEC	Academic	Ludhiana	India	ANN	16 th Dec,2017
30.	Er. Amit Saini	Cadre Design System	Industry	Delhi	India	3D MOSFET/FinFET Device, Advance 3D Std cell	15 th Dec,2017

31.	Er.Kaushal	Cadre Design System	Industry	Delhi	India	Simulation of advance 3D Design	15 th Dec,2017
32.	Er. Amit Saini	Cadre Design System	Industry	Delhi	India	Visual TCAD Technical Details	14 th Dec,2017
33.	Er.Kaushal	Cadre Design System	Industry	Delhi	India	Lab Session on Visual TCAD, Design of devices like 3D MOSFET	14 th Dec,2017
34.	Er. Hitesh Pahuja	CDAC	Industry	Mohali	India	CMOS SRAMs	13 th Dec,2017
35.	Er.Navnet Kaur	GNDEC	Academic	Ludhiana	India	Multigate MOSFETs	13 th Dec,2017
36.	Er.Nishu Kansal	GNDEC	Academic	Ludhiana	India	Low Power Vlsi	13 th Dec,2017
37.	Er..H.S.Jatana	SCL	Industry	Mohali	India	Lab session on Virtuoso Layout Editor	12 th Dec,2017
38.	Er..H.S.Jatana	SCL	Industry	Mohali	India	FE Analog Design	11 th Dec,2017
39.	Dr.Kanav Kohal	PHFI	Industry	New Delhi	India	VLSI Design for Embedded system	11 th Dec,2017
40.	Dr.Balwinder Raj	NIT	Academic	Jalandhar	India	Low Power VLSI Design	9 th Dec,2017
41.	Er. Gurpreet Kaur	GNDEC	Academic	Ludhiana	India	SRAM FinFETs	9 th Dec,2017
42.	Dr.Vinayak Hande	IIT	Academic	Ropar	India	Design Concepts of CMOS analog amplifiers, Challenges in designing of low power analog integrated circuits	8 th Dec,2017
43.	Er.Navnet Kaur	GNDEC	Academic	Ludhiana	India	Lab session on MATLAB	8 th Dec,2017

44.	Er.Chahat Jain	GNDEC	Academic	Ludhiana	India	Lab session on MATLAB	8 th Dec,2017
45.	Dr.Ashwani Rana	NIT	Academic	Hamirpur	India	Low Power VLSI Design	7 th Dec,2017
46.	Dr. Munish Rattan	GNDEC	Academic	Ludhiana	India	VLSI Design concepts	7 th Dec,2017
47.	Dr.Amit Kamra	GNDEC	Academic	Ludhiana	India	Biometric Authentication using MATLAB	6 th Dec,2017
48.	Er.Gurjot Walia	GNDEC	Academic	Ludhiana	India	Modelling Language: vhdl	6 th Dec,2017
49.	Dr..H.S.Jatana	SCL	Industry	Mohali	India	Biasing techniques used in Chip design, Single stage Amp, Controlled sources	5 th Dec,2017
50.	Dr..H.S.Jatana	SCL	Industry	Mohali	India	Low Power VLSI Design	4 th Dec,2017
51.	Dr..H.S.Jatana	SCL	Industry	Mohali	India	Challenges in Low Power IC Design	8 th Nov,2017
52.	Dr.Brajesh Kumar Kaushik	IIT	Academic	Roorkee	India	Low Power Design USING Spintronics- Perspectives and challenges	8 th Nov,2017