

BEST PRACTICE 1: PROFESSIONAL AND TECHNICAL QUALITY ENHANCEMENT INCORPORATING VARIOUS METHODS

In order to expose our students to the latest technological interventions and make them employee friendly, the Institute resorts to various methods as follows:

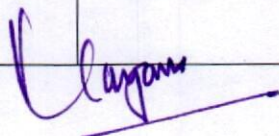
Successful establishment and functioning of the state of art Skill Enhancement Centers (SEC)

A remarkable technological advancement has been observed in our students due to the imparting of technical knowledge and training by the SEC. The following technical sessions were conducted through these centres.

S.No.	Name of the Event	Date	Organizing Department	Coordinator of Event	No. of Students Participated	No. of Faculty Participated
1	Expert talk on Industrial IOT Application	07-09-2018	ECE	Dr. Monika Bhatnagar	20	
2	Expert talk on Entrepreneurship and Electronics System Design & Manufacturing	14-09-2018	ECE	Dr. Monika Bhatnagar	25	
3	LabVIEW Winter Internship Program.	15-22-sep 2018	ECE	Mr. NiteshPradhan, Ms. GarimaChandel	15	
4	Workshop on "AVR Microcontroller and Internet of Things"	07-03-2019	ECE	Mr. Agha Asim Husain Mr. PraveerSaxena	30	
5	One Day Workshop on Machine Learning	21-08-2019	ECE & ITSEC	Ms. GarimaChandel, Ms. Ranu Mishra	25	
6	A One Day workshop on Arduino, Interfacing and IOT usin Bolt	14-09-2019	e-Yantra, ECE	Mr. PraveerSaxena	25	

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7	One Day Workshop On Robotics & IOT	03-03-2020	EEE	MR. Rajiv Ranjan	62	6
8	Webinar on Short Term Training Program (STTP) "Internet of Things (IOT)	08-05-2020	ECE	Dr. Monika Jain		244
9	Industry Expert Webinar "Issues In Deep Submicron VLSI Design"	08-05-2020	ECE	Dr. Monika Jain		64
10	Five Days E-International Faculty Development Program on "LabVIEW & Real-Time Data Acquisition" on National Instruments (NI's) platform.	01-08-2020	ECE & ITSEC	Dr. Monika Jain	NA	300
11	1 Day Workshop on MULTISIM Live	17-10-2020	ECE Dept.	Mr. Nitesh Pradhan	62	
12	International Webinar on "Artificial Intelligence Enabled Internet of Thing"	11-12-2020	CSE Dept.	Dr. KuldeepChouhan	132	
13	LabVIEW Training Program for CLAD	08-03-2021-22-03-2021	ECE Dept.	Nitesh Pradhan	15	
14	"5 Days Multisim Training program for Circuit Design"	19-04-2021-23-04-2021	ECE & ITSEC	Mr. Nitesh Pradhan	30	


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15	Workshop on "CCNA & AWS Cloud"	08-04-2022	CSE Dept.	Mr. Aditya Dayal Tyagi	85	10
16	Workshop on AWS	11-05-2022	CSE	Mr. Devesh Garg	100+	8
17	Hands Workshop of "Internet Things"	15-09-2022	COE (NI & e-Yantra) & IEEE Student Branch	Ms. Pragati Tripathi	42	3
18	Hands Workshop on Industrial Python Programming & Its Applications in Machine Learning	04-11-2022	ECE Dept.	Ms. Pragati Tripathi	72	5
19	Python Programming Live Projects	06-11-2022	ECE Dept.	Ms. Pragati Tripathi	72	5
20	Data Analytics Workshop	09-11-2022	CSE Dept.	Mr. Manik Chandra Pandey	103	5
21	Workshop on "Industrial Robotics & Control"	30-11-2022	IIC Cell & ECE	Dr. Rajiv Ranjan	88	5
22	Workshop on Web3 & Metaverse	19-12-2022	CSE Dept.	Dr. Ashish kumar & Prof. Aditya Tyagi	70	10
23	Workshop on Python with Web Technology Tools Using HTML, CSS, Bootstrap & MYSQL	22-12-2022	CSE Dept.	Dr. Ashish Kumar, Prof. Arun Kumar, Prof. Aditya Tyagi	180	10
24	2 Days Workshop on "Introduction to Cyber Security & Cyber Security"	03.01.2022 & 04.01.2023	CSE Dept	Dr. Ashish Kumar Prof. Trun Kumar	185	10

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	Essentials" (Day-1)					
25	MOU Signing & Inaugural of COE on IOT, Industry X.O	25-03-2023	CSE Dept.	Dr. Ashish Kumar	17	8
26	Workshop on Emerging Trends in Embedded System and IOT	01-05-2023	ECE Dept.	Ms. PragatiTripathi	72	5
27	Hands on Workshop "Introduction to Robotics"	16-06-2023 17-06-2023	e-Yantra COE, ECE	Ms. PragatiTripathi	20	13

Successful establishment and functioning of Entrepreneurship Development Cell (EDC) funded by NEWGEN IDC, Govt. of India initiative

Our various students/alumni are now buddy entrepreneurs and running their business on their new and innovative ideas.

List of Student Start-Ups

S.No.	Company Name	Student's Name	Registration Number
1	Irriclay Technologies LLP	Mr. AnujKatiyar Mr. Deepak	AAV-8550
2	Revive EV LLP	Ms. Nidhi Sharma	AAV-4137
3	Cipher 10infinity Pvt Ltd	Mr. Harshit Kr. Singh	U93000DL2019PTC344794
4	Mydigitaldudes Technology LLP	Mr. Dilip Singh Jadaun	AAW-5631
5	BigBlare Innovations LLP	Mr. Samiruddin Ansari Mr. Shubham Kumar	AAV-4392
6	Deinococcus Technologies LLP	ManasSonwane	AAV-7242
7	Mechro Technology LLP	Yash Kumar TusharVerma	AAZ-7373

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8	Protovilla LLP	Mr. Jeevesh Gupta	ABA-3975
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Institute Innovation Council (IIC) Certificates/Letters of Appreciation

S.No.	Name of the Certificate/Letter	Rank/Band	Issued By	Year of Receipt
1	Institution Innovation Council Ranking	3 Stars	Innovation Cell, Ministry of HRD, Govt. of India	2018-19
2	Institution Innovation Council Ranking	3 Stars	Innovation Cell, Ministry of Education, Govt. of India	2019-20
3	Institution Innovation Council Ranking	3 Stars	Innovation Cell, Ministry of Education, Govt. of India	2020-21
4	Institution Innovation Council Ranking	3 Stars	Innovation Cell, Ministry of Education, Govt. of India	2021-22
5	Institution Innovation Council Ranking	3 Stars	Innovation Cell, Ministry of Education, Govt. of India	2022-23
6	Letter of Appreciation	NA	MoE's Innovation Cell, Govt. of India	2021-22
7	Letter of Appreciation	NA	MoE's Innovation Cell, Govt. of India	2022-23
8	ARIIA Certificate of Recognition	Band A (06-25)	Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020	2020
9	ARIIA Certificate of Recognition	Band Excellent	Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021	2021
10	India Rankings 2023	Band 151-300	National Institutional Ranking Framework	2023

Industrial Visits

S.No.	Name of the Event	Date	Organizing Department	Coordinator of Event	No. of Students Participated	No. of Faculty Participated
1	Industrial Visit of MBA Students to Coca Cola Happiness Factory	15-04-2019	MBA	Dr. Pallavi Bhardwaj Dr. Kamal	52	2

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2	An Industrial Visit for students of B.Tech.3rd Year ECE EEE at Bisleri International Pvt. Ltd. Shahibabad Plant-Ghaziabad	13-08-2019	ECE & ITSEC	Mr. Prabhakar Sharma, Mr. Parveenbhola	36	2
3	An Expo Visit for students of B.Tech. 3rd & 4th Year EEE	20-09-2019	EEE & ITSEC	Mr. Prabhakar Sharma & Mr. ParveenBhola	18	2
4	Industrial Vist to ICD	28-09-2019	MBA	Dr. Kamal Gupta and Prof. Sana Vakeel	26	2
5	Industrial Visit	11-10-2019	MBA	Prof. Sachin Sinha and Prof. Rashmi Kaushik	35	2
6	Industrial Visit to OMAC Automation, Noida	19-02-2020	EEE	MR. Rajiv Ranjan	29	2
7	Industrial Visit to STS Transformer Pvt. Ltd., Greater Noida	19-02-2020	EEE	MR. Rajiv Ranjan	29	2
8	Industrial Visit of MBA Ist year Students to Coca Cola Happiness Factory.	20-02-2020	MBA	Mr. Sachin Sinha	34	2
9	ONLINE Industrial Visit "INDIA TECHNOLOGY WEEK@ HOME 2020" FIFTH EDITION	16-09-2020	ECE & ITSEC	Dr. Monika Jain	40	1
10	ONLINE Industrial Visit "INDIA TECHNOLOGY WEEK@ HOME 2020" FIFTH EDITION	16-09-2020	ECE & ITSEC	Dr. GarimaChandel, MsManju Singh	40	1
11	Industrial Visit	16-04-2021	MBA Dept.	Mr. Sachin Sinha	21	5

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12	Industrial Visit of B.Tech. 2nd and 3rd Year Students	22-12-2021	ME Dept.	Prof. manvendra Yadav	28	1
13	Industrial Visit Uniparts India Ltd. for MBA and ECE Students	10-05-2022	MBA	Prof. Sachin Sinha, Prof. Prabhakar Sharma	13	2
14	An Expo Visit for students of B. Tech. 3th Year & 4th Year ECE at India Expo Centre, Greater Noida-ELECRAMA-2023(18-22 Feb'2023)	20-02-2023	ECE Dept	Mr. Prabhakar Sharma	17	7
15	Industrial Visit	21-04-2023	School of Management Studies (SOMS), ITS Engineering College, Greater Noida	Prof. Pratik Dwivedi (Assistant Professor-SOMS), Prof. Shalu Tyagi (Assistant Professor-SOMS)	35	3
16	Industry Visit	20-06-2023	SOMS & CRC	Prof. Prateek Dwivedi & Prof. Sana Vakeel	31	2

Conduction of various events such as seminar/ workshop/ short term training programs/ FDP/ SDP /conferences on regular basis by each department

With the conduction of various events, it is observed that students and faculty are now more equipped and conversant with latest technological terms and ideas.

Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Session
2023	Seminar on Achieving "Value Proposition Fit" & "Business Fit"	73	28-06-2023 to 28-06-2023	22-23
2023	Workshop on "Prototype/Process Design"	79	05-06-2023 to 05-06-2023	22-23

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	and Development”			
2023	Workshop on Intellectual Property Rights (IPRs) and IP management for startup	107	01-05-2023 to 01-05-2023	22-23
2023	Seminar on “Smart Innovation with Smart Creativity” to celebrate World Creativity and Innovation Day	449	20-04-2023 to 20-04-2023	22-23
2023	Seminar on “How to plan for Start-up and legal & Ethical Steps”	104	11-04-2023 to 11-04-2023	22-23
2023	IIC Workshop on “Business Model Canvas (BMC)”	124	22-03-2023 to 22-03-2023	22-23
2023	IIC Workshop on “Process of Innovation Development, Technology Readiness Level (TRL), Commercialization of Lab Technologies & Tech-Transfer”	60	10-02-2023 to 10-02-2023	22-23
2023	IIC Workshop on “Achieving Problem-Solution Fit and Product-Market Fit”	70	07-02-2023 to 07-02-2023	22-23
2023	Awareness and training Session on intellectual property (IP)	82	30-01-2023 to 30-01-2023	22-23
2023	IIC Workshop on “Entrepreneurship Skill, Attitude and Behaviour Development”	82	25-01-2023 to 25-01-2023	22-23
2023	IIC Workshop on “Design Thinking, Critical thinking and Innovation Design”	83	04-01-2023 to 04-01-2023	22-23
2022	“MSME -One Day Entrepreneurship Awareness Programme (EAP)”.	146	20-12-2022 to 20-12-2022	22-23
2022	Corporate Initiatives for Conservation of Energy &	50	14-12-2022 to 14-12-2022	22-23

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	Environment" to celebrate National Energy Conservation Day			
2022	My Story - Motivational Session by Successful Entrepreneur"	80	22-11-2022 to 22-11-2022	22-23
2022	My Story - Motivational Session by Successful Innovators	92	16-11-2022 to 16-11-2022	22-23
2022	Workshop on "Innovation for Better Future & Sustainable Development" to celebrate NATIONAL INNOVATION DAY	64	13-10-2022 to 13-10-2022	22-23
2022	Startups- Need of Hour" to celebrate INDIA STARTUP DAY	68	11-10-2022 to 11-10-2022	22-23
2022	Workshop on "Two Days Innovation & Entrepreneurship (I&E) Exposure visit cum Training program"	15	23-10-2022 to 24-10-2022	22-23
2022	Progress monitoring and Impact measurement of Mentee Institute- M.C.S. College	29	30-08-2022 to 30-08-2022	22-23
2022	Two day Innovation and Entrepreneurship (I& E) training program cum industry visit	25	23-08-2022 to 24-08-2022	22-23
2022	Progress monitoring and Impact measurement of Mentee Institute- Mangalmaya Institute	15	18-08-2022 to 18-08-2022	22-23
2022	Progress monitoring and Impact measurement of Mentee Institute- NIET Institute	32	16-08-2022 to 16-08-2022	22-23

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2022	Progress monitoring and Impact measurement of Mentee Institute- Vishveswarya Institute	12	29-07-2022 to 29-07-2022	22-23
2022	Progress monitoring and Impact measurement of Mentee Institute- Galgotia Institute	15	27-07-2022 to 27-07-2022	22-23
2022	Mentor Mentee orientation cum Mentoring session -2	30	20-07-2022 to 20-07-2022	22-23
2022	Quarter four progress meeting of mentee Institute	18	14-07-2022 to 14-07-2022	22-23
2022	Session on Angel investment/ VC funding opportunities for Entrepreneurs	164	06-07-2022 to 06-07-2022	22-23
2022	Session on How to plan Startup ethical and legal steps	97	28-04-2022 to 28-04-2022	21-22
2022	Quarter two progress meeting of mentee Institute	10	23-02-2022 to 23-02-2022	21-22
2022	Quarter one progress meeting of mentee Institute	16	18-02-2022 to 18-02-2022	21-22
2022	Mentor Mentee orientation cum Mentoring session -1	35	06-01-2022 to 06-01-2022	21-22
2021	ENTREPRENURSHIP AWARENESS CAMP at CSJM Polytechnic Ambedkar Nagar	128	16/11/2021 To 18/11/2021	21-22
2021	ENTREPRENURSHIP AWARENESS CAMP at R. E. C. Ambedkar Nagar	122	15/11/2021 To 17/11/2021	21-22
2021	Women Entrepreneurship Development Program on "Digital Marketing"	27	15/02/2021 To 19/03/2021	20-21

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2020	Entrepreneurship Development Program on "Machine Learning"	27	24/02/2020 19/03/2020	To	19-20
2019	TEDP (Technology based Entrepreneurship Development Program on "Internet of Things (IOT)")	25	26/12/2019 04/02/2020	To	19-20
2019	FDP (Faculty Development Program on Entrepreneurship)	25	10/1/2019 22/1/2019	To	18-19
2018	WEDP (Women Entrepreneurship Development Program)	25	12/11/2018 12/12/2018	To	18-19
2018	Faculty Development Program on Entrepreneurs	25	17/9/2018 15/10/2018	To	18-19

CONDUCTION OF GATE CLASSES

2022-23 (Odd Semester)									
Electronics & Communication Engineering Department									
Time Table (w.e.f. 05/09/2022)									
III-Semester									
Room No. 430									
Day/Time	9:10-10:05	10:05-10:55	10:55-11:45	11:45-12:35	12:35-1:30	1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50
MON	CSS (KNC301)	DSA (KOE035)	ED (KEC 301)	NAS (KEC303)	L U N C H	DSD (KEC302)	TC (KAS 301)	ED Lab (KEC351)	
TUE	NAS (KEC303)	DSD (KEC302)	ED (KEC 301)	DSA (KOE035)		CSS (KNC301)	TC (KAS 301)	NAS Lab (KEC353)	
WED	ED (KEC 301)	DSA (KOE03)	DSD (KEC302)	NAS (KEC303)		Library	TC (KAS	Mini Project (KEC354)	

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		5)					301)	
THU	DSA (KOE035)	NAS (KEC303)	ED (KEC 301)	DSD (KEC302)		IoT& Robotics Concepts Lab		GATE Classes
FRI	DSD (KEC302)	ED (KEC 301)	DSA (KOE035)	NAS (KEC303)		IoT& Robotics Concepts Lab		DSD Lab (KEC352)

2022-23 (Odd Semester)

Electronics & Communication Engineering Department

Time Table (w.e.f. 01/09/2022)

V-Semester

Room No. 431

Day/Time	9:10-10:05	10:05-10:55	10:55-11:45	11:45-12:35	12:35-1:30	1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50
MON	EMMI (KEC057)	MPMC (KEC502)	IC (KEC501)	VLSI (KEC053)	L U N C H	DSP (KEC503)	Col (KNC501)	Mini Project (KEC554)	
TUE	VLSI (KEC053)	DSP (KEC503)	IC (KEC501)	MPMC (KEC502)		EMMI (KEC057)	Col (KNC501)	IoT& Robotics Lab	
WED	MPMC (KEC502)	EMMI (KEC057)	IC (KEC501)	DSP (KEC503)		VLSI (KEC053)	EMMI (KEC057)	MPMC Lab (KEC 552)	
THU	DSP (KEC503)	MPMC (KEC502)	IC (KEC501)	VLSI (KEC053)		IC Lab (KEC 551)		GATE Classes	
FRI	EMMI (KEC057)	DSP (KEC503)	IC (KEC501)	Col (KNC501)		MPMC (KEC502)	VLSI (KEC053)	DSP Lab (KEC 551)	

2022-23 (Odd Semester)

Electronics & Communication Engineering Department

Time Table (w.e.f. 16/08/2022)

VII-Semester

Room No. 434

Day/Time	9:10-10:05	10:05-10:55	10:55-11:45	11:45-12:35	12:35-1:30	1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50

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MON	WMC (KEC076)	MWR (KEC074)	PME (KHU702)	RER (KOE074)	L U N C H	Internship (KEC752)G1-SG Project (KEC753)G2-MJ	
TUE	PME (KHU702)	RER (KOE074)	MWR (KEC074)	WMC (KEC076)		MWR Lab (KEC753D)G2- NK Project (KEC753)G1- PSh	
WED	MWR (KEC074)	WMC (KEC076)	PME (KHU702)	RER (KOE074)		MWR Lab (KEC753D)G1- NK Project (KEC753)G2- AAH	
THU	PME (KHU702)	WMC (KEC076)	MWR (KEC074)	RER (KOE074)		Internship (KEC752)G2- PSh Project (KEC753)G1-MJ	
FRI	PME (KHU702)	WMC (KEC076)	MWR (KEC074)	RER (KOE074)		GATE Classes	

2022-23 (Even Semester)

Electronics & Communication Engineering Department

Time Table (w.e.f. 15/03/2023)

VI-Semester

Room No. 431

Day/Time	9:10- 10:05	10:05- 10:55	10:55- 11:45	11:45- 12:35	12:35- 1:30	1:30- 2:20	2:20- 3:10	3:10- 4:00	4:00-4:50
MON	KEC603 AWP	KEC601 DC	KEC063 DCN	KOE062 ES	L U N C H	KEC602 CS	KNC602 ITCS	CAD Lab (KEC653B)	
TUE	KEC063 DCN	KEC602 CS	KEC601 DC	KOE062 ES		KEC603 AWP	DC Lab (KEC651)	Library	

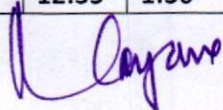
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WED	KEC601 DC	KEC603 AWP	KEC602 CS	KOE062 ES		KEC063 DCN	CS Lab (KEC652)	Library
THU	KEC602 CS	KEC063 DCN	KEC603 AWP	KOE062 ES		KEC601 DC	KNC602 ITCS	Embedded System & IoT Lab
FRI	KEC602 CS	KEC601 DC	KEC603 AWP	KEC063 DCN		KNC602 ITCS	KOE062 ES	Gate/Career Counselling

2022-23 (Even Semester)									
Electronics & Communication Engineering Department									
Time Table (w.e.f. 06/02/2023)									
VIII-Semester									
Room No. 434									
Day/Time	9:10- 10:05	10:05- 10:55	10:55- 11:45	11:45- 12:35	12:35 -1:30	1:30- 2:20	2:20- 3:10	3:10- 4:00	4:00-4:50
MON	KHU 801 RD	KOE 083 EDP	KOE 094 DSMM	Project II	L U N C H				
TUE	KOE 094 DSMM	KOE 083 EDP	KHU 801 RD	Project II					
WED	KOE 094 DSMM	KHU 801 RD	KOE 083 EDP	Project II					
THU	GATE/CAREER COUNSELLING								
FRI									

2022-23 (Even Semester)									
Electronics & Communication Engineering Department									
Time Table (w.e.f. 10/04/2023)									
VIII-Semester									
Room No. 430									
Day/Time	9:10-	10:05-	10:55-	11:45-	12:35-	1:30-	2:20-	3:10-	4:00-4:50


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	10:05	10:55	11:45	12:35	1:30	2:20	3:10	4:00	
MON	MATHS IV KAS 402	AC KEC 402	S&S KEC 403	CE KEC 401	L U N C H	S&S KEC 453	LAB	Embedded System & IoT Lab	
TUE	S&S KEC 403	AC KEC 402	CE KEC 401	MATHS IV KAS 402		PP KNC 402	GATE/CAREER COUNSELLING		Lib
WED	MATHS IV KAS 402	CE KEC 401	AC KEC 402	UHV KVE 401		PP KNC 402	S&S KEC 403	CE KEC 451	LAB
THU	AC KEC 402	S&S KEC 403	CE KEC 401	UHV KVE 401		AC KEC 452	LAB	MATHS IV KAS 402	Lib
FRI	PP KNC 402	S&S KEC 403	CE KEC 401	AC KEC 402		UHV KVE 401		MATHS IV KAS 402	Embedded System & IoT Lab

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