

Criteria 6	Governance, Leadership and Management
Key Indicator 6.5	Internal Quality Assurance System
Matrix 6.5.1	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

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Academic Audit

Even Semester

2022-23

I.T.S Engineering College, Greater Noida

IQAC Mid-Semester Academic Audit

(Even Semester, 2022-23)

Department:ECE.....

Head of Department: ...Dr. Monika Jain.....

Part -A : Academic & Examination

S. No.	Item	Status (Y/N/ NA)	Status of Documentary Records (Hard Copy / Soft copy/ Not Available/ Incomplete)	Self - Assessment (On 5 point scale)	Remarks by the Auditor
1	Non Teaching Credit Course (NTCC) + COE + Moocs	Yes	Available	5	Motivate student for completion of course
2	NTCC Fee + Registration	NA	-	-	OK
3	Manual Attendance Register	Yes	Available	5	OK
4	Time Table Tracking + Weekly academic progress Report	Yes	Available	5	OK
5	Internal Assessment Schedule	Yes	Available	5	OK
6	Faculty Feedback and follow up action	Yes	Available	5	OK
7	HOD actions based on Faculty Feedback	Yes	Available	5	OK
8	NTCC - Result upload	Yes	MOOCS Done	5	OK
9	Lab Result upload	Yes	Yes	5	OK
10	Date Sheet :- Notification	Yes	Yes	5	OK
11	Result Pass & Fail % analysis	Yes	Yes	5	Pay more attention to weaker students

Rakesh
27/04/23Suj
27/04/23.

Date:

Part - B: Faculty Readiness, Training and CRC Activities

S. No.	Item	Status (Y/N/NA)	Status of Documentary Records (Hard Copy / Soft copy/ Not Available/ Incomplete)	Self - Assessment (On 5 point scale)	Remarks
1	Vacant Positions + Course Allocation + Work Load	Yes	Available	5	OK
2	Core: Visiting faculty Ratio	NA	No VF	NA	OK
3	Course File + PPTs	Yes	Available	5	OK
4	Session Plan	Yes	Available	5	OK
5	Case Studies	NA	NO	NA	OK
6	Labs Equipment List	Yes	Available	5	OK
7	Labs Equipment Damage Register	Yes	Available	5	OK
8	Consumable Usage Register	Yes	Available	5	OK
9	Quality and Quantity of Training	Yes	Available	5	OK
10	Student Evaluation for Industry Readiness	Yes	Available	5	OK
11	Activities for Elite students	Yes	Available	5	OK
12	Participation of students in various competitions	Yes	Available	5	OK
13	SIP/Dissertation/Summer Training Reports	Yes	Available	5	OK
14	Industrial Visits Reports	Yes	Available	5	Sign and online MOU with industry for effective students training
15	Guest Lecture Outcome Reports	Yes	Available	5	Increase guest lectures to reduce gap b/w industry & Academia
16	Innovation Activities	NO	Available	5	OK
17	IPR Creation (Journals, Newsletters, Patents)	Yes	Available	4	OK
18	Non-Teaching Contribution by Faculty	Yes	Available	5	OK
19	FDP conduct and Outcome report	Yes	Available	5	Department should increase research and FDP programs

Review
27/04/23

Sain
27/04/23

Head of Department

Signature of HOD
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida

Part - C: Students Servicing & Welfare

S. No.	Item	Status (Y/N/ NA)	Status of Documentary Records (Hard Copy / Soft copy/ Not Available/ Incomplete)	Self - Assessment (On 5 point scale)	Remarks
1	Dossier (Students file)	Yes	As per college policy	5	OK
2	Communication to parents	Yes	Call details-counselor	5	OK
3	PTM Report & Parents Attendance register	Yes	Call details-counselor	5	Counselor should arrange PTM for weak students
4	Action on Fortnightly Short Attendance Students (<75%)	Yes	Denatined list prepared	5	OK
5	Display on Notice Board - Short Attendance List (Fortnightly)	Yes	Yes	5	OK
6	Display on Notice Board - Debarred List	Yes	Yes	5	OK
7	Display on Notice Board - Detained List	Yes	Yes	5	OK
9	Fee Notice	Yes	Counselor-Circulated	5	OK
10	Fee Default cases	Yes	Counselor-Prepared	5	OK
11	AV Devices	Yes	OK	5	OK
12	Class Infra status	Yes	OK	5	OK
13	OD request forms + approvals	Yes	No provision for studfents	5	OK
14	Student counselling Session Report register	Yes	NIL	5	OK
15	Students Grievance file	Yes	Yes	5	OK
16	Cultural Activities	Yes	Yes	5	OK
17	Mentorship Scheme	Yes	By counselor	5	OK
18	Club Activities	Yes	Done	5	OK
19	CR Meetings	Yes	Done	5	OK

Rajesh
27/04/23

Sanya
27/04/23

Head of Department
Electronics & Communication Engineering
Signature of HOD
L.T.S. Engineering College Greater Noida

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

INTERNAL CIRCULAR

Date:09/05/2023

All faculty members are requested to attend a meeting on dated 12/05/2023 at 4:00 pm in department CAD Lab.

Agenda:

1. Action to be taken as per the recommendation of IQAC (Ref: ITS/IQAC-05 dated: 27/04/2023).



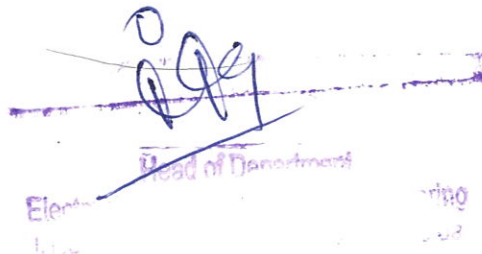
Mr. AGHA A. HUSAIN

(DAGC Coördinator)

Kind information

CC:

1. HOD (ECE)
2. Director office



Head of Department

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A meeting was held in department ECE CAD Lab (Room No. 423), the details of the meeting are as following:

Time and Date of Meeting:	12/04/2023, 04:00 PM
Place of meeting:	Room No. 423 (ECE Cad Lab)
Chaired by:	Dr. Monika Jain, HOD-ECE
Attendees:	All ECE Faculties
MOM prepared by:	Mr. Agha A Husain, DAGC Coordinator

Agenda:

1. Action to be taken as per the recommendation of Dr. Sanjay Yadav (HOD-ME) along with Dr. Rakesh Garg (IQAC-Head) (Ref: dated 26/07/2022).

The meeting was started by Dr. Monika Jain, HOD-ECE and chairman DAGC with a formal welcome of all faculty members. The following are the minutes of the meeting.

2. The meeting was started by Dr. Monika Jain, HOD-ECE with discussion about the points raised by the IQAC audit report. Mr. Agha A. Husain, DAGC Coordinator is requested to discuss the point-by-point issues raised with the concerned committees.

3. The salient features outlined in the IQAC report are listed in the table below:

S. No.	Highlighted Points	Responsibility
1.	Motivate the students to under-go at least one MOOCs Course in an Academic Year	Mr. Prabhakar Sharma
2.	Increase the Pass percentage of students, by paying more attention to weaker Students.	All faculties
3.	Increase the number of guest lecture conducted, so as reduce the industry-academia gap.	Mr. Navneet Kumar
4.	Increase the no. of Research activity and FDP in the Department.	Dr. Setu Garg
5.	Sign Active MoU's with Industry for effective Student Training & Development. (NO MOU) EVEN	Dr. Monika Jain (HOD)
6.	PTM to be arranged periodically.	All class counsellors.

EXTRA FILE
P16/104
4A/45/49
EXTRA FILE
109
5B/70/7
5B/73
113
(WA)

[Signature]
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida


4. HOD ECE instructed all the faculties to take effective measures to reduce the gap identified during IQAC academic audit.

5. HOD ECE advised all the faculty members to focus on research and FDP work.

6. HOD ECE also advised DAGC coordinator to include the major points in the DAGC Meeting and take corrective measures.

The meeting ended with vote of thanks by H.O.D (ECE)

*List of all attendees is attached










Mr. Agha A. Husain
DAGC Coordinator


Dr. Monika Jain
HOD-ECE

Electronics & Com
I.T.S. Engineering College Greater Noida

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

LIST OF FACULTY MEMBERS PRESENT

1. Dr. Monika Jain (HOD) 
2. Dr. Setu Garg (DAGC Member) 
3. Mr. Agha A. Husain (DAGC Coordinator) 
4. Mr. Navneet Kumar (DAGC Member) 
5. Mr. Prabhakar Sharma 
6. Ms. Manju Singh 
7. Mr. Shahid Khan 
8. Ms. Pragati Tripathi 


Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 18/05/2023

Action Taken Report (ATR)

To
The Director, ITS Engineering College
Chairman IQAC

Dear Sir,

This is in reference to your instruction, IQAC (Ref: ITS/IQAC-05 dated: 27/04/2023) issued in the meeting to me on 09.05.2023 (Ref: ITS/NOTICE/IQAC-5/2022-23) regarding the brief actions taken by the faculty members assigned with different tasks.

Action 1: Motivate the students to Under-go at least one MOOCs Course in an Academic Year.

Mr. Prabhakar Sharma, the MOOCs coordinator, was instructed to monitor the upcoming MOOCs courses, finalize them, and provide the list to students. This will allow students to enroll in courses based on their interests.

Action 2: Increase the Pass percentage of students, by paying more attention to weaker Students.

The faculty was urged to provide additional classes to the students who were struggling during library periods or during the free lectures that were scheduled. The faculty members were also directed to collect solved question papers from students who were absent during the sessional examination.

Action 3: Increase the number of guest lecture conducted, so as reduce the industry-academia gap.

Mr. Navneet Kumar was recommended to consult with specialists in the field of Digital Signal Processing Technology, which is being taught in the 6th semester. He was encouraged to invite these professionals to give a guest lecture and to provide them with the timetable for the event.

Action 4: Increase the no. of Research activity and FDP in the Department.

Dr. Setu Garg was requested to provide an update on the current state of research activities as well as a plan for the remaining semester.



Electronics & Communication
I.T.S. Engineering College Greater Noida


Action 5: Sign Active MoU's with Industry for effective Student Training & Development.

The department has considered on prioritizing industrial collaboration with academic institutions for the purpose of signing functional MOUs. Dr. Monika Jain has personally decided to maintain the records.

Action 6: PTM to be arranged periodically.

All class counsellors should hold regular parent-teacher meeting specially for weak students and maintain their detailed minutes.


Mr. Agha A. Husain
DAGC Coordinator


Dr. Monika Jain
HOD-ECE
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Greater Noida


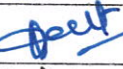


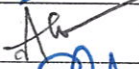

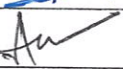
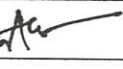
Lab functionality Report

(Undertaking from Faculty-In-Charge Regarding Lab Functionality)

Department: ECE

This is to certify that:

1. Lab is fully equipped with the Instruments/Accessories to conduct experiments as per the university curriculum.
2. All the Equipments/Accessories installed in the lab are fully functional.
3. Experimental setups have been tested for their optimum performance (Performance check and experiment sample reading/calibration done wherever it was required).
4. List of Experiments, Lab Functionality Report Register, Lab Equipment Damage Register, Consumable Usage Register and list of Capital equipment's and Consumables are available in the lab and are being duly updated from time to time.
5. Furniture, Notice-board/ Display-board, electrical fixtures and devices are available as required and are in working condition.
6. Instructions to the students and special precautions (if any) are appropriately displayed in the labs.

S.No.	Name of Laboratory (Room. No./ Subject/ Subject Code)	Name of Faculty In-Charge	Signature	Remarks
1.	401/Analog Circuits LAB/KEC-452	Mr. Shahid Khan		
2.	423/Signal and System LAB/KEC-453	Mr. Navneet K		
3.	443/Communication Engg LAB/KEC-451	Dr. Setu Garg		
4.	443/Digital Comm. LAB/KEC-651	Ms. Manju Singh		
5.	423/Control LAB/KEC-652	Mr. Agha A. Husain		
6.	423/CAD LAB/KEC-653	Mr. Roubhakar Sharma		
7.	401/Basic Electronics LAB/BEC-251	Mr. Agha A. Husain		
8.	436/Project LAB-II/KEC-851	Mr. Agha A. Husain		
9.				
10.				
11.				
12.				
13.				
14.				
15.				

Date: 26/4/2023

Signature of HOD
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Gurgaon, Haryana

Academic Audit

Odd Semester

2022-23

I.T.S Engineering College, Greater Noida

IQAC Mid-Semester Academic Audit

(Even Semester, 2022-23)

Department:ECE.....

Head of Department: ...Dr. Monika Jain.....

Part -A : Academic & Examination

S. No.	Item	Status (Y/N/ NA)	Status of Documentary Records (Hard Copy / Soft copy/ Not Available/ Incomplete)	Self - Assessment (On 5 point scale)	Remarks by the Auditor
1	Non Teaching Credit Course (NTCC) + COE + Moocs <i>Value Added</i>	Yes	Available	5	Promote students for credit Courses
2	GSSC :- Fee + Registration <i>Agar</i>	NA	-	-	OK
3	Manual Attendance Register	Yes	Available	5	OK
4	Time Table Tracking + Weekly academic progress Report	Yes	Available	5	OK
5	Internal Assessment Schedule	Yes	Available	5	OK
6	Faculty Feedback and follow up action	Yes	Available	5	OK
7	HOI actions based on Faculty Feedback	Yes	Available	5	OK
8	NTCC - Result upload	Yes	MOOCS Done	5	OK
9	Lab Result upload	Yes	Yes	5	OK
10	Date Sheet :- Notification	Yes	Yes	5	OK
11	Result Pass & Fail % analysis	Yes	Yes	5	OK

Rakesh
Agar
 26/10/22

Signature of HOD
 26/10/22

Date:

Part - B: Faculty Readiness, Training and CRC Activities

S. No.	Item	Status (Y/N/NA)	Status of Documentary Records (Hard Copy / Soft copy/ Not Available/ Incomplete)	Self - Assessment (On 5 point scale)	Remarks by the Auditor
1	Vacant Positions + Course Allocation + Work Load	Yes	Available	5	OK
2	Core: Visiting faculty Ratio	NA	No VF	NA	OK
3	Course File + PPTs	Yes	Available	5	OK
4	Session Plan	Yes	Available	5	OK
5	Case Studies	NA	NO	NA	OK
6	Labs Equipment List	Yes	Available	5	OK
7	Labs Equipment Damage Register	Yes	Available	5	OK
8	Consumable Usage Register	Yes	Available	5	OK
9	Quality and Quantity of Training	Yes	Available	5	OK
10	Student Evaluation for Industry Readiness	Yes	Available	5	More industrial visits may be conducted in the core field
11	Activities for Elite students	Yes	Available	5	Motivate students for appearing in GATE examination/ higher studies
12	Participation of students in various competitions	Yes	Available	5	OK
13	SIP/Dissertation/Summer Training Reports	Yes	Available	5	Increase hands on training
14	Industrial Visits Reports	Yes	Available	5	Increase functional MOUs with core industry
15	Guest Lecture Outcome Reports	Yes	Available	5	OK
16	Innovation Activities	NO	Available	5	Increase Innovations activities
17	IPR Creation (Journals, Newsletters, Patents)	Yes	Available	4	Increase IPR creation
18	Non-Teaching Contribution by Faculty	Yes	Available	5	OK
19	FDP conduct and Outcome report	Yes	Available	5	focus more on Seminar/Conf.

Date:

Anu Rulweth
28/10/22 15 28/10/22

[Signature]
Head of Department
Electronics
I.T.S. Engg.

Part - C: Students Servicing & Welfare

S. No.	Item	Status (Y/N/ NA)	Status of Documentary Records (Hard Copy / Soft copy/ Not Available/ Incomplete)	Self - Assessment (On 5 point scale)	Remarks by the Auditor
1	Dossier (Students file)	Yes	As per college policy	5	OK
2	Communication to parents	Yes	Call details-counselor	5	OK
3	PTM Report & Parents Attendance register	Yes	Call details-counselor	5	OK
4	Action on Fortnightly Short Attendance Students (<75%)	Yes	Denatined list prepared	5	OK
5	Display on Notice Board - Short Attendance List (Fortnightly)	Yes	Yes	5	OK
6	Display on Notice Board - Debarred List	Yes	Yes	5	OK
7	Display on Notice Board - Detained List	Yes	Yes	5	OK
9	Fee Notice	Yes	Counselor-Circulated	5	OK
10	Fee Default cases	Yes	Counselor-Prepared	5	OK
11	AV Devices	Yes	OK	5	OK
12	Class Infra status	Yes	OK	5/4	OK
13	OD request forms + approvals <i>Through HRMS posted</i>	Yes	No provision for studfents	5	OK Through HRMS
14	Student counselling Session Report register	Yes	NIL	5	OK
15	Students Grievance file	Yes	Yes	5	OK Institute level
16	Cultural Activities	Yes	Yes	5	Motivate students to participate in cultural activities at Univ. level
17	Mentorship Scheme <i>/counselor</i>	Yes	By counselor	5	OK
18	Club Activities	Yes	Done	5	Motivate students to participate in sports activities at Univ. level
19	CR Meetings	Yes	Done	5	OK

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

INTERNAL CIRCULAR

Date: 03/11/2022

All faculty members are requested to attend a meeting on dated 07/11/2022 at 4:15 pm in department CAD Lab.

Agenda:

1. Action to be taken as per the recommendation of IQAC (Ref: ITS/IQAC-04 dated: 26/10/2022).


Mr. AGHA A. HUSAIN

(DAGC Coordinator)

Kind information

CC:

1. HOD (ECE)
2. Director office


Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Greater Noida

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A meeting was held in department ECE CAD Lab (Room No. 423), the details of the meeting are as following:

Time and Date of Meeting:	7/11/2022, 04:15 PM
Place of meeting:	Room No. 423 (ECE Cad Lab)
Chaired by:	Dr. Monika Jain, HOD-ECE
Attendees:	All ECE Faculties
MOM prepared by:	Mr. Agha A Husain, DAGC Coordinator

Agenda:

1. Action to be taken as per the recommendation of Dr. Ashish Kumar (HOD-CSE) along with Dr. Rakesh Garg (IQAC-Head) (Ref: dated 26/07/2022).

The meeting was started by Dr. Monika Jain, HOD-ECE and chairman DAGC with a formal welcome of all faculty members. The following are the minutes of the meeting.

2. The meeting was started by Dr. Monika Jain, HOD-ECE with discussion about the points raised by the IQAC audit report. Mr. Agha A. Husain, DAGC Coordinator is requested to discuss the point-by-point issues raised with the concerned committees.

3. The salient features outlined in the IQAC report are listed in the table below:

S. No.	Highlighted Points	Responsibility
1.	Industrial visits must be conducted in the core field to get more exposure.	Mr. Prabhakar Sharma
2.	Promote students for advance learning (GATE, etc.)	Mr. Navneet Kumar (NA)
3.	Promote students for MOOCs courses (preferably NPTEL)	All Faculties
4.	Motivate numbers of students for higher studies	Mr. Prabhakar Sharma (NA)
5.	Increase functional MoUs with some good industries	Dr. Monika Jain (HOD) & Dr. Setu Garg (Associate Professor)
6.	Increase hands on training.	All Faculties
7.	Increase Innovations Activities and further IPR creation	All faculties

• 2 INT/18

• 4C/59

• P16 Extra

104

• 4C/59

• P56/73

• 2 INT/28

• 55/69

8.	Increase consultancy work and generate funds	All faculties	RFB
9.	Focus on conference / seminar organizing	All Faculties	87/88/89
10.	Improve sports and culture activities participation	Mr. Agha A. Husain (Sports), Ms. Manju Singh (Cultural)	Event RFB 109 EF


4. HOD ECE instructed all the faculty-incharge to make the plan to fulfill the gaps identified by the IQAC audit committee.


5. HOD ECE advised all the faculty members to focus on research and consultancy work

6. HOD ECE advised DAGC coordinator to include the major points in the DAGC meeting and make corrective action plan to bridge the gap.








The meeting ended with vote of thanks by H.O.D (ECE)


*List of all attendees is attached


Mr. Agha A. Husain
DAGC Coordinator


Dr. Monika Jain
HOD-ECE
Head, Department
Electronics & Communication Engineering
I.T.S. Engineering College - Greater Noida

LIST OF ECE FACULTY PRESENT:

1. Dr. Monika Jain (HOD) 
2. Mr. Agha A. Husain (DAGC Coordinator) 
3. Dr. Setu Garg (DAGC Member) 
4. Mr. Navneet Kumar (DAGC Member) 
5. Mr. Prabhakar Sharma
6. Mr. Shahid Khan 
7. Ms. Manju Singh 
8. Ms. Pragati Trpathi 


Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Greater Noida

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 10/11/2022

Action Taken Report (ATR)

To
The Director, ITS Engineering College
Chairman IQAC

Dear Sir,

This is in reference to your instruction, IQAC (Ref: ITS/IQAC-04 dated: 26/10/2022) issued in the meeting to me on 07.11.2022 (Ref: ITS/NOTICE/IQAC-4/2022-23) regarding the brief actions taken by the faculty members assigned with different tasks.

Action 1: Industrial visits must be conducted in the core field to get more exposure.

The students will tour companies in the vital fields of electronics and communication, as arranged by the department. Mr. Prabhakar Sharma has been requested to provide an update on the progress of the plan for the upcoming semester.

Action 2: Promote students for advance learning (GATE, etc.).


The department has already provided GATE classes to our students, taught by our in-house faculty members. Mr. Navneet Kumar additionally requested the collection of the Admit /Score card for students who have enrolled in GATE classes.

Action 3: Promote students for MOOCs courses (preferably NPTEL).

Several faculties have already registered for MOOC courses such as NPTEL and Coursera. All faculties have been urged to encourage students to participate in at least one MOOC course per semester.

Action 4: Motivate numbers of students for higher studies.

Mr. Prabhakar Sharma has been assigned the responsibility of maintaining the records pertaining to higher studies. Further all faculties are requested to motivate their students to pursue further education.


Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida

Action 5: Increase functional MoUs with some good industries.

The department has deliberated on prioritizing industrial engagement with academic institutions through a Memorandum of Understanding (MoU). Dr. Monika Jain (HOD) and Dr. Setu Garg have assumed the responsibility for this initiative and will provide updates on the progress of the plan for the forthcoming semester.

Action 6: Increase hands on training.

The department has already conducted hands-on training at the Centre of Excellence (NI & e-Yantra lab). Ms. Pragati Tripathi has been requested to conduct more hands-on training sessions for the students.

Action 7: Increase Innovations Activities and further IPR creation.

The department has been advised to put more efforts on innovation activities through IPR.

Action 8: Increase consultancy work and generate funds.


The IQAC team engages in discussions with the faculty members regarding the current state of the department's research projects and consultancy activities. They recommended prioritizing funded projects and consultancy.

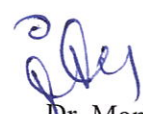
Action 9: Focus on conference / seminar organizing.

The members of DAGC have requested to organize an international conference or seminar in the future session.

Action 10: Improve sports and culture activities participation.

Mr. Agha A. Husain and Ms. Manju Singh recommended organising sports activities and cultural activities, respectively, for the students in the department. The IQAC team has recommended that all faculty members encourage students to actively engage in sports and cultural activities.


Mr. Agha A. Husain
DAGC Coordinator


Dr. Monika Jain
HOD-ECE
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida



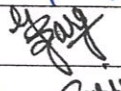





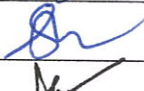
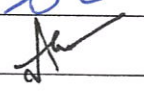
Lab functionality Report

(Undertaking from Faculty-In-Charge Regarding Lab Functionality)

Department:.....ECE.....

This is to certify that:

1. Lab is fully equipped with the Instruments/Accessories to conduct experiments as per the university curriculum
2. All the Equipments/Accessories installed in the lab are fully functional.
3. Experimental setups have been tested for their optimum performance (Performance check and experiment sample reading/calibration done wherever it was required).
4. List of Experiments, Lab Functionality Report Register, Lab Equipment Damage Register, Consumable Usage Register and list of Capital equipment's and Consumables are available in the lab and are being duly updated from time to time.
5. Furniture, Notice-board/ Display-board, electrical fixtures and devices are available as required and are in working condition.
6. Instructions to the students and special precautions (if any) are appropriately displayed in the labs.

S.No.	Name of Laboratory (Room. No./ Subject/ Subject Code)	Name of Faculty In-Charge	Signature	Remarks
1.	408 /KEC-352 /DSD	Manju Singh		OK
2.	441 /KEC-553 /MPMC	Manju Singh		OK
3.	401 /KEC-55 /IC LAB	Dr. Setu Goory		OK
4.	401 /KEC-351 /ED LAB	Dr. Gaurima Chandel		OK
5.	423 /KEC-553 /DSP LAB	Navneet Choudhary		OK
6.	407 /KEC-751D /MUR LAB	Navneet Choudhary		OK
7.	Project-I /KEC-753	Prabhakar Sharma		OK
8.	Mini project /410 /KEC-354	Mr. Shahid Khan		OK
9.	Mini project /410 /KEC-554	Mr. Shahid Khan		OK
10.	401 /Basic Electronics LAB /BEC-151	Mr. Agha A. Husain		
11.				
12.				
13.				
14.				
15.				

Date: 26/10/2023

Signature of HOD
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Gurgaon, Haryana

Outcome Document

2022-23

2022-23
student
MOOCs

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

MOOCs/NPTEL ETC. CERTIFICATE LIST

SESSION 2022-23

S.NO	NAME OF STUDENTS	COURSE	TOPIC
1.	Utkarsh Srivastava	COURSERA	Python for Data Science, AI & Development
2.	Saumya	COURSERA	AI for Everyone
3.	Ajay Prasad	Great Learning	Basics of ML
4.	AishwaryaSenger	Great Learning	C Programing in Hindi
5.	Adil Hussain	Udemy	Complete Responsive Web Development:4 courses in 1
6.	Priyesh rai	Udemy	Decision Trees, Random Forests, Bagging & Xboost: R Studio
7.	Ajay Prasad	Great Learning	Front End Development-HTML
8.	AishwaryaSenger	Great Learning	HTML in Hindi
9.	Pragati Rai	Internshala Training	Programming with C and C++



Jul 30, 2022

Utkarsh Srivastava

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

**COURSE
CERTIFICATE**



Joseph Santarcangelo
Senior Data Scientist
IBM

Director
ITS Engineering College
Greater Noida

Verify at:
<https://coursera.org/verify/KFCDK6JJXK6Q>

Coursera has confirmed the identity of this individual and their
participation in the course.



COURSE CERTIFICATE

Nov 2, 2022

Saumya

has successfully completed

AI For Everyone

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



A handwritten signature in blue ink, appearing to read "Saumya".

A handwritten signature in blue ink, appearing to read "L. Gargan".

Director
ITS Engineering College
Greater Noida

A handwritten signature in blue ink, appearing to read "SA".

A handwritten signature in blue ink, appearing to read "SA".

Verify at:
<https://coursera.org/verify/7YXCMUMMK3RP>

Coursera has confirmed the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION

Presented to

Ajay Prasad

For successfully completing a free online course
Basics of Machine Learning

6 months of course 2 November 2022

Provided by

Great Learning Academy

(On November 2022)

Ajay
Director
ITS Engineering College
Greater Noida

A handwritten signature in black ink.

A handwritten signature in black ink.

To verify this certificate visit verify.mygreatlearning.com/GPVITTVX



CERTIFICATE OF COMPLETION

Presented to

Aishwarya Sengar

For successfully completing a free online course


C Programming in Hindi

6 months of course 1 November 2022

Provided by

Great Learning Academy

(On November 2022)


Director
ITS Engineering College
Greater Noida





To verify this certificate visit verify.myreallearning.com CHSPSBY



Certificate no: UC-Ba37d69a-7b30-4144-8111-4ee03162974
Certificate url: udemy.com/UC-Ba37d69a-7b30-4144-8111-4ee03162974
Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete Responsive Web Development: 4 courses in 1

Instructors **Creative Online School**

Md Adil Hussain

Date **Aug. 22, 2022**
Length **6 total hours**


Director
ITS Engineering College
Greater Noida







Certificate id: UC-2b4b1cc1-bc49-4eb4-994f-7708e76454ed
Certificate url: udemy.com/UC-2b4b1cc1-bc49-4eb4-994f-7708e76454ed
Reference Number: 0004

CERTIFICATE OF COMPLETION

Decision Trees, Random Forests, Bagging & XGBoost: R Studio

Instructors **Start-Tech Academy**

Priyesh Rai

Date **Sept. 28, 2022**

Length **6 total hours**


Director
ITS Engineering College
Greater Noida



CERTIFICATE OF COMPLETION

Presented to

Ajay Prasad

For successfully completing a free online course


Front End Development - HTML

6 months of course 3 November 2022

Provided by

Great Learning Academy

(On November 2022)


Director
ITS Engineering College
Greater Noida





To verify this certificate visit verify.mvngreatlearning.com/YXRUJWPK



CERTIFICATE OF COMPLETION

Presented to


Aishwarya Sengar

For successfully completing a free online course
HTML in Hindi
6 months of course 3 November 2022

Provided by

Great Learning Academy

(On November 2022)


Director
ITS Engineering College
Greater Noida






To verify this certificate visit verify.mygreatlearning.com EDWONHRAAN

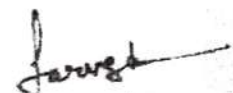
Certificate of Training

Pragati Rai

has successfully completed an 8-week online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming, and Building Cricket Game Application modules.

We wish Pragati all the best for future endeavours.


Director
ITS Engineering College
Greater Noida


Sarvesh Agarwal
FOUNDER & CEO, INTERNSHALA





To

Dear Utkarsh Srivastava

235K/3 Narayanpuram karelabagh Prayagraj 211016

Mob.No -9453010488

Email Id-utkarshsrivastava9432@gmail.com

Dear Utkarsh,

This has reference to your interaction for exploring opportunity join the company; we are pleased position of **Graduate Engineer Trainee**, this offer is based on your profile, relevant work successful interactions held earlier on the subject.

1. Your initial place of posting will be at **Corporate Office- Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301**. However, Management reserves the right to transfer you any where in India.
2. Your compensation package will be CTC of INR 3,00,000 per annum and you need to sign 2 years' Service agreement with the company.
3. You will be on probation for a period of **Three** months from the date of your joining the services of company. You will be confirmed into regular appointment of the company only after successful completion of probation.
4. In case of unsuccessful completion of first **Three** months' probation period owing to performance reasons or otherwise, the probation period may be extended by suitable time- period as decided by management up to a maximum period of **Three** months. This shall be binding to the new employee.
5. Notwithstanding the fact that Company has working of 5 days week besides closed, national and restricted holidays, you may be required to work extended hours and on holidays depending upon the business requirements and exigencies from time to time, without any extra remuneration / compensation.
6. While on probation period, if you decide to leave the services of the company, you may do so by giving **Three** months' notice or salary in lieu thereof. In case due to any reasons, the company decides to terminate your services during the period of probation, it can do so with **one** months' notice or salary in lieu thereof.
7. You will be legally bound to any Bond mutually agreed and applicable to you, which dictates the terms over and above this offer letter.
8. You are required to report to at **Corporate Office Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301** location on or before 20th March 2023 for the purpose of familiarization, induction briefing and training.

Kindly confirm your acceptance of the above by sending duly signed duplicate copy of this letter. You may do so by sending an e-mail also. Wishing you long and successful career with us.

Yours Sincerely,

For and behalf of

Integer Telecom Services (India) Private Limited

03/01/23

Amar Uppalapati

UTKARSH SRIVASTAVA

03/02/23



Annexure A

Integer Telecom Services (India) Private Limited		
Name: Utkarsh Srivastava		
Department: Wireless		
Designation: Graduate Engineer Trainee		
Particulars	PA- Amount in Rs.	Per Month
Total CTC	3,00,000	
Less: Bonus		
Fixed	3,00,000	
Breakup	Per Annum	Per Month
Basic Salary	90,000	7,500
House Rent Allowance	36,000	3,000
Travel Allowance	25,000	2,083
Medical Allowance	25,000	2,083
Leave Travel Allowance	-	-
Children Education & Hostel Allowance	9,600	800
Telephone & Internet Expenses	12,000	1,000
Food Allowance	6,000	500
Car & Driver Maintenance	-	-
Other Allowances	96,400	8,033
Gross Salary	3,00,000	25,000
Less:		
Gratuity	4,329	361
Provident Fund	22,500	1,875
ESI Contribution	-	-
Medical Insurance	5,940	495
Take Home Salary	2,67,231	22,269

Note – The Net in hand Salary is subject to applicable Income and Professional Tax Deductions.



To

Dear Pragati Rai

Sri Krishna nagar colony, station road, Buxar

Mob.No - '8102039475

Email Id- pragatirai460@gmail.com

Dear Pragati,

This has reference to your interaction for exploring opportunity join the company; we are pleased to offer you the position of **Graduate Engineer Trainee**, this offer is based on your profile, relevant work experience and successful interactions held earlier on the subject.

1. Your initial place of posting will be at **Corporate Office- Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301**. However, Management reserves the right to transfer you any where in India.
2. Your compensation package will be CTC of INR 3,00,000 per annum and you need to sign 2 years' Service agreement with the company.
3. You will be on probation for a period of **Three** months from the date of your joining the services of company. You will be confirmed into regular appointment of the company only after successful completion of probation.
4. In case of unsuccessful completion of first **Three** months' probation period owing to performance reasons or otherwise, the probation period may be extended by suitable time-period as decided by management up to a maximum period of **Three** months. This shall be binding to the new employee.
5. Notwithstanding the fact that Company has working of 5 days week besides closed, national and restricted holidays, you may be required to work extended hours and on holidays depending upon the business requirements and exigencies from time to time, without any extra remuneration / compensation.
6. While on probation period, if you decide to leave the services of the company, you may do so by giving **Three** months' notice or salary in lieu thereof. In case due to any reasons, the company decides to terminate your services during the period of probation, it can do so with **one** months' notice or salary in lieu thereof.
7. You will be legally bound to any Bond mutually agreed and applicable to you, which dictates the terms over and above this offer letter.
8. You are required to report to at **Corporate Office Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301** location on or before 20th March 2023 for the purpose of familiarization, induction briefing and training.

Kindly confirm your acceptance of the above by sending duly signed duplicate copy of this letter. You may do so by sending an e-mail also. Wishing you long and successful career with us.

Yours Sincerely,

For and behalf of

Integer Telecom Services (India) Private Limited

03/01/23

Amar Uppalapati



Annexure A

Integer Telecom Services (India) Private Limited		
Name: Pragati Rai		
Department: Wireless		
Designation: Graduate Engineer Trainee		
Particulars	PA - Amount in Rs.	Per Month
Total CTC	3,00,000	
Less: Bonus		
Fixed	3,00,000	
Breakup	Per Annum	Per Month
Basic Salary	90,000	7,500
House Rent Allowance	36,000	3,000
Travel Allowance	25,000	2,083
Medical Allowance	25,000	2,083
Leave Travel Allowance	-	-
Children Education & Hostel Allowance	9,600	800
Telephone & Internet Expenses	12,000	1,000
Food Allowance	6,000	500
Car & Driver Maintenance	-	-
Other Allowances	96,400	8,033
Gross Salary	3,00,000	25,000
Less:		
Gratuity	4,329	361
Provident Fund	22,500	1,875
ESI Contribution	-	-
Medical Insurance	5,940	495
Take Home Salary	2,67,231	22,269

Note – The Net in hand Salary is subject to applicable Income and Professional Tax Deductions.

Fwd: Selections in SAZIO ELECTRONICS.

SUNIL KUMAR <crc3.engg@its.edu.in>

To: ITS Placement <crc_itsecgn@its.edu.in>, CRC Head <crchead.engg@its.edu.in>

Cc: Director Engg <dir.engg@its.edu.in>

Thu, Jun 8, 2023 at 5:48 PM

----- Forwarded Message -----

From: hr<hr@sazioindia.com>

To: "crc3.engg@its.edu.in" <crc3.engg@its.edu.in>

Sent: Thursday, June 8, 2023 at 04:13:36 PM GMT+5:30

Subject: Selections in SAZIO ELECTRONICS

Hi Sunil,

Greetings from Sazio electronics.

I am very sorry for the delay in sharing the selection list due to the merger of our organization.

Please find below the names:

1. kshama Shakti
2. Pragati Rai
3. Dhananjay Yadav
4. Priyanshu Gupta
5. Sudheer Mishra
6. Sachin Kr. Singh

The following Students are selected for our sister Branch:

7. Abhishek Kumar
8. Munish Singh
9. Ainul Hasan
10. Mayank Sengar
11. Sidhi Singh
12. Md. Akram
13. Alok Kumar
14. Praduman Kumar
15. Sahil Ansari.

Please share the expected month in which they will get their marksheet as our clients require clearance from the university.

Also let me know if any candidates have issue in Location ..

Thanks,
Suman Sharma
HR Manager
Sazio Electronics

ITS Engineering College
46, Knowledge park-III, Greater Noida- 201310
Ph: 0120- 2331000, 2331001

Connect with us:-





I.T.S ENGINEERING COLLEGE
GREATER NOIDA
(A NAAC Accredited Engineering College)

2022-23
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT
RESULT ANALYSIS IV SEMESTER
EVEN SEMESTER

S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																		No. of CP	SUBJECT CODE (CARRY OVER)	Total	Total	Grand Total	Percent	SGPA	2nd year TOTAL	2nd year %	Status of Result
			KAS402 (MATHS)		KVE401 (UHV)		KEC401 (CE)		KEC402 (AC)		KEC403 (S&S)		KEC451 (CS LAB)		KEC452 (AC LAB)		KEC453 (S&S LAB)		KNC402 (PYTHON)											
			Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (25)	Ext (25)	Int (25)	Ext (25)	Int (25)	Ext (25)	Int (25)	Ext (50)										
1	2102220310001	Aadarsh	42	46	42	59	38	38	39	56	38	41	23	23	23	21	24	20	24	23	0	NA	269	304	573	63.67	6.81	1273.00	68.81	PASS
2	2102220310002	Abhay Sharma	49	30	43	54	47	44	49	58	49	26	24	23	23	22	24	22	21	29	1	KEC403	308	279	587	65.22	6.10	1328.00	71.78	PWG
3	2102220310005	Aditya Rana	37	22	34	52	35	40	36	39	38	14	18	17	17	17	19	18	24	2	KAS402,KEC403	232	220	452	50.22	4.36	948.00	51.24	PCP	
4	2102220310006	Aditya Shankar	39	16	44	59	41	55	36	32	43	22	23	21	20	20	21	21	21	27	2	KAS402,KEC403	267	246	513	57.00	6.41	1087.00	58.76	PASS
5	2102220310007	Akmal Hussain	42	55	40	55	35	54	36	46	43	51	20	20	21	21	20	19	22	21	0	NA	257	321	578	64.22	6.90	1276.00	68.97	PASS
6	2102220310008	Alok Kumar Singh	44	51	40	45	39	37	39	45	40	39	20	21	21	20	21	21	20	25	0	NA	264	279	543	60.33	6.62	1161.00	62.76	PASS
7	2102220310009	Ashwin Yadav	37	22	42	30	38	52	33	18	38	34	23	22	20	19	22	21	16	11	2	KAS402,KEC402	253	218	471	52.33	3.95	1046.00	56.54	PCP
8	2102220310010	Avinash A B Roy	32	30	31	40	35	53	34	38	36	49	20	21	20	19	21	20	19	38	0	NA	229	270	499	55.44	5.67	1052.00	56.86	PASS
9	2102220310011	Bhumika Pal	43	41	42	62	49	65	39	56	46	46	23	21	22	20	21	23	20	20	0	NA	285	334	619	68.78	7.24	1325.00	71.62	PASS
10	2102220310012	Devraj Singh	30	36	35	40	36	32	36	40	33	31	18	21	19	19	18	18	17	5	0	NA	225	237	462	51.33	5.38	985.00	53.24	PASS
11	2102220310013	Gautam Negi	38	50	34	40	35	37	37	45	31	58	18	20	19	19	20	20	20	32	0	NA	232	289	521	57.89	6.05	1106.00	59.78	PASS
12	2102220310014	Harshit Raj	34	49	35	61	35	50	35	40	33	31	21	20	21	18	20	21	17	10	0	NA	234	290	524	58.22	6.14	1145.00	61.89	PASS
13	2102220310016	Md. Gulab Nabi	32	4	33	45	32	13	30	11	30	8	17	21	16	17	21	20	17	3	4	KAS402,KEC401,KEC402,KEC403	211	139	350	38.89	2.00	806.00	43.57	PCP
14	2102220310018	Md Tausif Raja	30	35	36	48	30	31	30	14	31	24	17	18	16	17	18	20	15	37	2	KEC402,KEC403	208	207	415	46.11	3.29	986.00	53.30	PCP
15	2102220310021	Rakesh Kumar	42	47	37	42	33	54	35	32	41	22	21	22	20	19	22	22	21	28	1	KEC403	251	260	511	56.78	4.86	1113.00	60.16	PWG
16	2102220310022	Riya Chaudhary	47	39	36	46	46	65	44	41	46	44	24	21	22	21	24	23	25	38	0	NA	289	300	589	65.44	7.00	1218.00	65.84	PASS
17	2102220310023	Sahwag Raj	30	20	30	56	32	37	30	31	32	13	18	17	16	17	20	23	16	7	2	KAS402,KEC403	208	214	422	46.89	3.43	910.00	49.19	PCP
18	2102220310024	Sahzaad Bhatti	36	5	31	48	35	44	36	37	35	16	22	21	20	19	21	23	17	6	2	KAS402,KEC403	236	213	449	49.89	3.90	1001.00	54.11	PCP
19	2102220310026	Shushant	36	35	34	35	32	19	32	31	32	19	20	21	17	17	21	23	17	17	2	KEC401,KEC403	224	200	424	47.11	3.62	941	50.86	PCP
20	2102220310027	Siddharth Kumar	35	52	36	51	35	66	36	48	39	38	19	21	19	20	21	23	21	29	0	NA	240	319	559	62.11	6.52	1197	64.70	PASS
21	2102220310028	Sneha	34	30	38	50	35	38	34	31	36	36	22	21	20	19	21	23	17	17	0	NA	240	248	488	54.22	5.29	1007	54.43	PASS
22	2102220310029	Sonu Kumar	30	15	33	52	33	48	31	31	34	18	19	20	18	19	20	23	16	22	2	KAS402,KEC403	218	226	444	49.33	3.67	977	52.81	PCP
23	2102220310030	Urvesh Saifi	37	56	37	57	34	54	37	38	41	55	23	24	21	23	21	23	20	15	0	NA	251	330	581	64.56	7	1225	66.22	PASS
24	2202220319001	Abhijeet	30	3	36	46	35	33	37	31	38	31	21	21	20	20	22	23	17	10	1	KAS402	239	208	447	49.67	5.23	959	51.84	PCP
25	2202220319002	Rahul	41	55	40	64	40	50	42	59	42	65	20	21	20	19	22	23	20	29	0	NA	267	356	623	69.22	7.43	1284	69.41	PASS

			KAS402 (MATHS)		KVE401 (UHV)		KEC401 (CE)		KEC402 (AC)		KEC403 (S&S)		KEC451 (CS LAB)		KEC452 (AC LAB)		KEC453 (S&S LAB)		KNC402 (PYTHON)	
			Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (25)	Ext (25)	Int (25)	Ext (25)	Int (25)	Ext (25)	Int (25)	Ext (50)
	Average Marks		37.08	33.76	36.76	49.48	36.6	44.36	36.12	37.92	37.8	33.24	20.56	20.76	19.64	19.28	20.92	21.48	18.96	20.92
	Percentage Range	≥80	8	0	8	0	5	0	3	0	9	0	17	22	16	10	22	22	12	0
		70-80	8	0	9	0	13	0	14	0	8	0	6	1	4	10	2	3	2	3
		70-60	9	0	8	3	7	3	8	0	8	1	2	2	5	5	1	0	11	1
		60-50	0	6	0	10	0	8	0	4	0	3	0	0	0	0	0	0	0	6
		50-40	0	4	0	10	0	4	0	7	0	4	0	0	0	0	0	0	0	5
		40-30	0	7	0	2	0	8	0	11	0	7	0	0	0	0	0	0	0	3
	No. of Fail Students		0	8	0	0	0	2	0	3	0	10	0	0	0	0	0	0	0	7
	Pass %		100	68	100	100	100	92	100	88	100	60	100	100	100	100	100	100	100	72
	Grand Total Pass %		64%																	

Grand Total Percentage Range	No. of Students
≥80	0
75-80	0
70-75	0
65-70	4
60-65	5
<60	16

Paper Code	faculty name
KAS402	MR. Prashant Kumar
KVE401	Mr. Prabhakar Sharma
KEC 401	Dr. Setu Garg
KEC 402	Mr. Shahid Khan
KEC 403	Mr. Navneet Kumar
KNC402	MR. Prashant Kumar

IV SEMESTER																		
S. No.	Subject Name	Subject Code	Faculty Name	Section	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass%	Average Marks	Pass%	Average Marks	Pass%	Average Marks
					TARGET, 2023-24	LAST 3 YEARS	TARGET, 2022-23	2022-23	2021-22	2020-21	2019-20							
1	Maths IV	KAS402	MR. Prashant Kumar	NA	80	35	92.42	54.46	80	35	68	33.76	77.27	34.73	100.00	71.13	100.00	57.51
2	Universal Human Values	KVE401	Mr. Prabhakar Sharma		100	45	98.48	59.07	95	45	100.00	49.48	95.45	48.36	100.00	71.08	100.00	57.78
3	Communication Engg.	KEC 401	Dr. Setu Garg		75	35	87.88	46.80	75	35	92.00	44.36	63.64	31.95	100.00	52.25	100.00	56.20
4	Analog circuits	KEC 402	Mr. Shahid Khan		95	35	98.48	59.06	95	35	88.00	37.92	95.45	41.91	100.00	78.21	100.00	57.07
5	Signal and Systems	KEC 403	Mr. Navneet Kumar		85	45	95.45	50.68	85	45	60.00	33.24	86.36	44.82	100.00	50.46	100.00	56.76
6	Python programming	KNC402	MR. Prashant Kumar		95	30	72.73	17.95	95	30	72.00	20.92	72.73	17.95	NA	NA	NA	NA
											64%		50		100		100	

2022-23

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

RESULT COMPARISON

EVEN (IV) SEMESTER

Toppers list

Slow learner list

S.No	Roll No	Student Name	Percent
			%
1	2202220319002	Rahul	69.22
2	2102220310011	Bhumika Pal	68.78
3	2102220310022	Riya Chaudhary	65.44
4	2102220310030	Urvesh Saifi	64.56
5	2102220310007	Akmal Hussain	64.22

S.No	Roll No	Student Name	Percent
			%
1	2102220310016	Md. Gulab Nabi	38.89
2	2102220310018	Md Tausif Raja	46.11
3	2102220310023	Sahwag Raj	46.89
4	2102220310026	Shushant	47.11
5	2102220310029	Sonu Kumar	49.33

Over all 2nd year topper and slow learner


Toppers list

Slow learner list

S.No	Roll No	Student Name	Percent
			%
1	2102220310002	Abhay Sharma	71.78
2	2102220310011	Bhumika Pal	71.62
3	2202220319002	Rahul	69.41
4	2102220310007	Akmal Hussain	68.97
5	2102220310001	Aadarsh	68.81

(PWG)

S.No	Roll No	Student Name	Percent
			%
1	2102220310023	Sahwag Raj	49.19
2	2102220310026	Shushant	50.86
3	2102220310005	Aditya Rana	51.24
4	2102220310016	Md. Gulab Nabi	51.51
5	2202220319001	Abhijeet	51.84

<div><div>I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)</div></div>			2022-23 ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT RESULT ANALYSIS VI SEMESTER																											
S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																		No. of CP	SUBJECT CODE (CARRY OVER)	Total Internal (325)	Total External (575)	Grand Total 900	Percent %	SGPA	Status of Result PASS/PCP/INC COMPLETE/UF M	TOTAL MARKS (3RD YEAR) (1850)	3RD YEAR %
			KEC601 (DC)		KEC602 (CS)		KEC603 (AWP)		KEC603 (DCN)		KOE062 (ES)		KEC651 (DCLAB)		KEC652 (CS LAB)		KEC653B (CAD LAB)		KNC 602 (ITCS)											
			Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (25)	Extl (25)	Int (25)	Extl (25)	Int (25)	Extl (25)	Int (25)	Extl (50)										
1	2002220310001	Abhinav Kumar Kanth	30	32	30	59	30	18	30	56	38	57	16	19	16	16	15	15	15	24	1	KEC603	205	272	477	53.00	4.81	PCP	983	53.14
2	2002220310002	Abhishek Yadav	38	34	38	55	38	14	39	66	44	51	21	23	20	23	21	17	18	25	1	KEC603	259	283	542	60.22	7.45	PCP	1204	65.08
3	2002220310003	Aman Pratap Singh	40	32	41	52	40	37	36	53	38	51	21	21	20	22	22	20	15	21	0	NA	258	288	546	60.67	6.23	PASS	1113	60.16
4	2002220310004	Ambika	39	52	40	69	41	30	44	55	45	67	22	24	21	20	22	23	20	28	0	NA	274	340	614	68.22	7.33	PASS	1167	63.08
5	2002220310005	Ayush Raj	34	36	34	30	34	16	30	50	40	34	21	19	20	18	20	17	15	20	1	KEC603	233	220	453	50.33	6.86	PCP	910	49.19
6	2002220310006	Divya Verma	45	55	47	55	49	59	43	66	48	77	25	21	24	24	24	24	21	33			305	381	686	76.22	8.05	PASS	1446	78.16
7	2002220310007	Harshit Mishra	30	32	34	15	31	10	31	51	39	49	15	19	15	16	15	15	15	17	2	KEC602,KEC603	210	207	417	46.33	3.48	FAIL	738	39.89
8	2002220310008	Kanchan Gupta	48	58	50	81	48	69	47	62	50	73	23	24	23	20	21	21	25	28	0	NA	310	408	718	79.78	8.52	PASS	1365	73.78
9	2002220310009	Kashish Solan	39	52	38	67	30	30	38	50	44	60	23	19	21	18	22	21	15	34	0	NA	255	317	572	63.56	6.71	PASS	1181	63.84
10	2002220310010	Kavita Yadav	38	34	42	48	40	30	38	50	44	52	22	20	22	19	21	22	17	29	0	NA	267	275	542	60.22	6.38	PASS	1014	54.81
11	2002220310011	Komal Nagar	38	45	42	49	40	52	41	50	45	54	22	24	20	18	21	22	16	25	0	NA	269	314	583	64.78	7.10	PASS	1235	66.76
12	2002220310012	Lokesh Bisht	45	45	45	40	43	45	37	50	42	61	24	22	23	21	24	21	18	28	0	NA	283	305	588	65.33	8.02	PASS	1302	70.38
13	2002220310014	Prashant Kumar	38	35	41	30	38	48	40	46	40	57	21	22	21	20	20	19	15	23	0	NA	259	277	536	59.56	6.14	PASS	1117	60.38
14	2002220310016	Rahul Raj	31	43	33	47	33	14	35	52	39	56	22	19	21	17	23	20	15	24	1	KEC603	237	268	505	56.11	5.19	PCP	987	53.35
15	2002220310017	Raju Kumar	37	32	41	38	39	18	34	41	44	52	22	22	22	21	21	18	18	28	1	KEC-603	260	242	502	55.78	5.19	PCP	905	48.92
16	2002220310020	Suman Kumar	37	54	40	73	38	35	30	21	40	64	21	23	23	22	20	19	15	27	1	KEC063	249	311	560	62.22	6.10	PWG	1140	61.62
17	2002220310021	Umesh Kumar	35	30	33	45	36	1	30	40	38	55	21	20	22	21	22	18	15	32	1	KEC603	237	230	467	51.89	4.90	PCP	1008	54.49
18	2002220310022	Vikram Kumar Jha	48	60	46	58	50	67	48	51	48	55	25	23	24	24	23	21	22	30	0	NA	312	359	671	74.56	7.76	PASS	1390	75.14
19	2102220319001	Navdeep Thakur	34	33	30	9	30	30	36	37	38	33	22	19	21	19	21	22	15	27	1	KEC-602	232	202	434	48.22	4.24	PCP	945	51.08
20	2102220319002	Praveen	50	62	48	80	49	49	49	50	47	61	24	21	23	22	24	23	22	19	0	NA	314	368	682	75.78	8.14	PASS	1386	74.92
21	2102220319003	Prashant Kumar	42	58	50	19	46	36	45	53	49	73	24	22	24	23	24	22	24	21	1	KEC-602	304	306	610	67.78	6.19	PCP	1234	66.70
22	1902220310001	AAMIR AZAZ (readmitted)	30	11	30	41	30	0	30	36	30	46	15	19	15	16	15	13	15	19	2	KEC-601, KEC603	195	182	377	41.89	3.33	PCP	774	41.84
23	1902220310011	DEEPAK MANDAL (readmitted)																				0	0	0	0.00		result not declared		0.00	
24	1902220310047	VIVEK KUMAR (readmitted)	39	30	42	36	43	14	39	39	42	48	23	20	22	17	23	21	18	19	1	KEC-603	273	225	498	55.33	5.98	PCP	935	50.54

		KEC601 (DC)		KEC602 (CS)		KEC603 (AWP)		KEC603 (DCN)		KEC602 (ES)		KEC651 (DCLAB)		KEC652(CS LAB)		KEC653B (CADLAB)		KNC 602 (ITCS)	
Average Marks		38.48	41.52	39.78	47.65	38.96	31.39	37.83	48.91	42.26	55.91	21.52	21.09	21.00	19.87	21.04	19.74	17.57	25.26
Percentage Range	≥80	7	0	14	2	11	0	8	0	16	0	18	14	18	15	18	8	11	1
	80-70	10	0	2	1	5	0	8	0	6	3	6	10	6	4	6	9	7	4
	70-60	6	2	7	2	7	2	7	3	1	5	2	2	2	7	2	9	7	1
	60-50	0	6	0	5	0	2	0	13	0	10	0	0	0	0	0	0	1	7
	50-40	0	3	0	6	0	3	0	3	0	3	0	0	0	0	0	0	0	6
	40-30	0	11	0	4	0	7	0	3	0	2	0	0	0	0	0	0	0	7
No. of Fail Students		0	1	0	3	0	9	0	1	0	0	0	0	0	0	0	0	0	0
Pass %		100.00	95.65	100.00	86.96	100.00	60.87	100.00	95.65	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Overall Clear Pass Percentage % = (no. of pass students without carry/23)x 100= 52.17%

Grand Total	No. of Students	Paper Code	faculty name
Percentage Range			
≥80	0	KEC601	Ms. Manju Singh
75-80	3	KEC602	Dr. Rajiv Ranjan
70-75	1	KEC603	Mr. Navneet Kumar
65-70	3	KEC063	Mr. Prabhakar Sharma
60-65	6	KEC062	Dr. Monika Jain
<60	10		

EX-students Result

S.N o	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																				No. of CP	SUBJECT CODE (CARRY OVER)	Total	Total	Grand Total	Percen t		Status of Result	TOTAL MARKS (3RD YEAR) (1850)	3RD YEAR %
			KEC601 (DC)		KEC602		KEC603		KEC063		KOE064		KEC651		KEC652(CS)		KEC653B		KNC 602													
			Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (25)	Extl (25)	Int (25)	Extl (25)	Int (25)	Extl (25)	Int (50)	Extl (100)			Internal (325)	External(575)	900	%	SGPA	PASS/PCP/ INCOMPL ETE/UFM		
1	2002220319001	ANKIT SINGH	35	41	32	17	31	14	33	21	35	30	17	23	17	16	17	19	18	24	7	KEC501,KEC502,KEC503,KEC053,KEC602,KEC603,KEC063	217	181	398	44.22	2.86	FAIL	782	46.50		
2	2002220319002	JITENDRA RAWAT(EX)	35	15	32	12	31	14	33	30	35	33	17	20	17	16	17	19	17	20	5	KEC503,KEC053,KEC601,KEC602,KEC603	217	159	376	41.78	2.38	PCP	816	48.52		
3	1902220310014	GAUTAM KUMAR(EX)	33	13	31	35	32	5	31	34	34	9	16	19	16	16	17	17	16	21	6	KEC501,KEC502,KEC503,KEC601,KEC603,KOE064	210	148	358	39.78	2.38	FAIL	759	45.13		

6th SEMESTER																	
S. No.	Subject Name	Subject Code	Faculty Name	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks
				TARGET, 2023-24		LAST 3 YEARS AVERAGE		TARGET, 2022-23		2022-23		2021-22		2020-21		2019-20	
1	Digital Communication	KEC 601	Ms. Manju Singh	90.00	40.00	95.56	50.80	90.00	40.00	95.65	41.52	86.67	42.47	100.00	67.93	100.00	42.00
2	Control System	KEC 602	Dr. Rajiv Ranjan	90.00	40.00	92.59	50.48	90.00	40.00	86.96	47.65	77.78	38.67	100.00	70.76	100.00	42.00
3	Antenna and Wave Propagation	KEC 603	Mr. Navneet Kumar	90.00	40.00	86.67	50.70	90.00	40.00	60.87	31.39	73.33	33.62	100.00	67.78	NA	NA
4	Data Communication Networks	KEC 063	Mr. Prabhakar Sharma	90.00	40.00	97.78	56.96	90.00	40.00	95.65	48.91	93.33	44.69	100.00	90.84	100.00	35.35
5	Embedded System	KOE 062	Dr. Monika Jain	90.00	40.00	100	41	90.00	40.00	100.00	55.91	NA	NA	NA	NA	100	41
Overall Clear Pass Percentage %										52.17		66.66		100		100	

2022-23

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT
RESULT ANALYSIS VI SEMESTER

List of 6th Semester Toppers

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	2002220310008	Kanchan Gupta	79.78
2	2002220310006	Divya Verma	76.22
3	2102220319002	Praveen	75.78
4	2002220310022	Vikram Kumar Jha	74.56
5	2002220310004	Ambika	68.22

List of 6th Semester Slow Learner

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	1902220310001	AAMIR AZAZ (readmitted)	41.89
2	2002220310007	Harshit Mishra	46.33
3	2102220319001	Navdeep Thakur	48.22
4	2002220310005	Ayush Raj	50.33
5	2002220310021	Umesh Kumar	51.89

List of 3rd year Toppers


S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	2002220310006	Divya Verma	78.16
2	2002220310022	Vikram Kumar Jha	75.14
3	2102220319002	Praveen	74.92
4	2002220310008	Kanchan Gupta	73.78
5	2002220310012	Lokesh Bisht	70.38

List of 3rd year Slow Learner

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	2002220310007	Harshit Mishra	39.89
2	1902220310001	AAMIR AZAZ (readmitted)	41.84
3	2002220310017	Raju Kumar	48.92
4	2002220310005	Ayush Raj	49.19
5	1902220310047	VIVEK KUMAR (readmitted)	50.54

S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE								No. of CP	SUBJECT CODE (CARRY OVER)	Total	Total	Grand Total	Percent	SGPA	Status of Result	Status of Result	Total (7th+8th)	CGPA	%	DIV
			KHU801 (RDAP)		KOE083 (ED)		KOE094 (DSMM)		KEC851 (PROJECT)				Internal (425)	External (425)	850	%	10	8th sem	PASS/PCP/INCOMPLETE/UFM	1700		CGPA* 10	
			Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (100)	External (300)													
1	1902220310002	ADEEB KHAN	35	46	36	30	36	56	75	238	0		182	370	552	64.94	6.83	PASS	PASS	1068	7.2	72.00	I-DIV
2	1902220310003	AINUL HASAN	38	53	39	42	49	68	89	258	0		215	421	636	74.82	8.00	PASS	PASS	1243	8.00	80.00	I-DIV WITH DISTINCTION
3	1902220310004	AISHWARYA SENGAR	36	53	35	59	35	63	70	235	0		176	410	586	68.94	7.33	PASS	PWG	1121	6.66	66.60	NOT AWARDED
4	1902220310005	AJAY PRASAD	36	51	35	65	37	57	71	240	0		179	413	592	69.65	7.33	PASS	PCP	1083	7.07	70.70	NOT AWARDED
5	1902220310006	ANUSHREE BHUI	37	45	37	30	38	45	77	245	0		189	365	554	65.18	7.17	PASS	PASS	1047	7.27	72.70	I-DIV
6	1902220310007	AVINASH SINGH	38	45	38	62	40	55	74	235	0		190	397	587	69.06	7.33	PASS	PASS	1114	7.08	70.80	I-DIV
7	1902220310008	AVIRAL VARSHNEY	35	38	37	41	39	37	65	225	0		176	341	517	60.82	6.83	PASS	PCP	956	5.23	52.30	NOT AWARDED
8	1902220310009	AYUSH PATEL	38	53	36	59	40	52	79	250	0		193	414	607	71.41	8.00	PASS	PASS	1136	6.62	66.20	NOT AWARDED
9	1902220310010	BALRAJ SINGH	35	41	36	51	36	42	70	225	0		177	359	536	63.06	7.00	PASS	PWG	985	5.39	53.90	NOT AWARDED
10	1902220310012	DEEPAK SHARMA	40	36	38	35	39	40	71	232	0		188	343	531	62.47	6.83	PASS	PASS	1042	6.64	66.40	I-DIV
11	1902220310013	DHRUV GUPTA	37	35	38	51	40	50	76	248	0		191	384	575	67.65	7.50	PASS	PASS	1059	5.95	59.50	NOT AWARDED
12	1902220310015	GOVIND KUMAR JHA	36	42	37	54	39	42	79	245	0		191	383	574	67.53	7.67	PASS	PCP	1108	5.82	58.20	NOT AWARDED
13	1902220310016	KSHAMA SHAKTI	36	40	38	47	38	37	77	252	0		189	376	565	66.47	7.50	PASS	PASS	1107	6.40	64.00	NOT AWARDED
14	1902220310017	KSHITIJ UPMANYU	38	56	38	77	44	46	75	242	0		195	421	616	72.47	7.67	PASS	PASS	1130	7.14	71.40	I-DIV
15	1902220310018	MADAN MOHAN KUMAR	38	60	39	60	37	51	77	255	0		191	426	617	72.59	7.83	PASS	PASS	1181	7.58	75.80	I-DIV WITH DISTINCTION
16	1902220310019	MD ADIL HUSSAIN	37	49	39	66	41	50	81	260	0		198	425	623	73.29	8.00	PASS	PASS	1234	7.56	75.60	I-DIV WITH DISTINCTION
17	1902220310020	MOHD MUDASSIR	36	64	38	74	44	53	79	248	0		197	439	636	74.82	8.17	PASS	PASS	1175	6.76	67.60	NOT AWARDED
18	1902220310021	MD ARKAM	36	50	38	51	38	39	75	248	0		187	388	575	67.65	7.50	PASS	PWG	1081	6.56	65.60	NOT AWARDED
19	1902220310022	MUHAMMAD SAKIB	36	37	36	51	40	37	77	244	0		189	369	558	65.65	7.33	PASS	PWG	1035	6.47	64.70	II-DIV
20	1902220310023	NAVEEN KUMAR GUPTA	36	50	37	63	40	39	75	237	0		188	389	577	67.88	7.17	PASS	PASS	1126	7.17	71.70	I-DIV
21	1902220310025	PIYUSH BHARDWAJ	38	40	38	69	39	50	76	245	0		191	404	595	70.00	7.83	PASS	PASS	1106	6.44	64.40	NOT AWARDED
22	1902220310026	PLAKSHI TOMAR	38	67	43	85	47	46	75	260	0		203	458	661	77.76	8.50	PASS	PASS	1330	7.97	79.70	I-DIV WITH DISTINCTION
23	1902220310027	PRAGATI RAI	49	46	49	66	49	68	79	258	0		226	438	664	78.12	8.33	PASS	PASS	1345	7.26	72.60	NOT AWARDED
24	1902220310029	PRIYESH RAI	35	34	36	14	36	ABS	50	ABS	0	KOE083,KOE094,KEC851	157	48	205	24.12	0.83	PCP	FAIL	602	4.61	46.10	NOT AWARDED

25	1902220310030	RAVI KUMAR SHAH	36	48	37	65	45	54	75	248	0		193	415	608	71.53	7.83	PASS	PASS	1244	7.49	74.90	I-DIV
26	1902220310031	ROSHAN KUMAR	36	50	37	49	43	56	79	258	0		195	413	608	71.53	7.67	PASS	PASS	1199	7.34	73.40	I-DIV
27	1902220310032	SACHIN	36	65	40	84	36	63	77	240	0		189	452	641	75.41	7.83	PASS	PASS	1259	7.49	74.90	I-DIV
28	1902220310033	SACHIN KUMAR SINGH	37	46	38	61	43	57	75	235	0		193	399	592	69.65	7.33	PASS	PASS	1206	6.85	68.50	I-DIV
29	1902220310034	SAUMYA	38	52	41	63	46	34	82	245	0		207	394	601	70.71	7.83	PASS	PASS	1189	7.58	75.80	I-DIV
30	1902220310035	SAURAV BHARTI	30	32	30	32	30	39	50	ABS	0	KEC851	140	103	243	28.59	2.17	PCP	PCP	669	3.71	37.10	NOT AWARDED
31	1902220310036	SHAGUN BENIWAL	36	46	41	50	43	37	75	265	0		195	398	593	69.76	7.67	PASS	PASS	1143	6.27	62.70	NOT AWARDED
32	1902220310037	SHASHI KANT	36	35	37	41	40	35	73	233	0		186	344	530	62.35	6.83	PASS	PASS	1059	6.88	68.80	NOT AWARDED
33	1902220310038	SHASHWAT PANDEY	38	46	39	50	41	37	90	270	0		208	403	611	71.88	8.00	PASS	PWG	1160	7.22	72.20	I-DIV
34	1902220310039	SHIVAM RAJPOOT	36	58	41	63	47	57	75	242	0		199	420	619	72.82	7.50	PASS	PASS	1208	7.30	73.00	I-DIV
35	1902220310040	SIDDHI SINGH	36	45	38	64	37	31	70	230	0		181	370	551	64.82	7.00	PASS	PASS	1160	7.12	71.20	NOT AWARDED
36	1902220310041	SONAL SOURAV	37	55	38	64	37	50	83	265	0		195	434	629	74.00	7.83	PASS	PASS	1212	7.04	70.40	I-DIV
37	1902220310044	SUNIL KUMAR PATEL	36	37	37	50	38	30	75	238	0		186	355	541	63.65	6.67	PASS	PASS	1089	6.81	68.10	I-DIV
38	1902220310045	SUYASH SHUKLA	38	60	40	65	44	61	70	245	0		192	431	623	73.29	7.83	PASS	PASS	1234	7.17	71.70	I-DIV
39	1902220310046	UTKARSH SRIVASTAVA	38	50	41	47	40	50	90	268	0		209	415	624	73.41	7.67	PASS	PASS	1266	7.51	75.10	I-DIV
40	2002220319003	RIYAZ AHMED BHAT	36	50	40	68	44	51	79	245	0		199	414	613	72.12	8.00	PASS	PASS	1174	6.62	66.20	I-DIV

 I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)		2022-23 ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT RESULT ANALYSIS EVEN SEMESTER 8th SEMESTER							
		MARKS OBTAINED: SUBJECT CODE							
		KHU801 (RDAP)		KOE083 (ED)		KOE094 (DSMM)		KEC851 (PROJECT)	
		Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)
Average Marks		36.85	47.65	38.15	55.45	40.38	46.63	75.25	233.80
Percentage Range	≥80	2	0	9	2	22	0	6	27
	80-70	37	0	30	2	17	0	31	11
	70-60	1	5	1	15	1	5	1	0
	60-50	0	13	0	10	0	16	2	0
	50-40	0	14	0	6	0	6	0	0
	40-30	0	8	0	4	0	12	0	0
No. of Fail Students		0	0	0	1	0	0	0	0
Pass %		100.00	100.00	100.00	97.50	100.00	100.00	100.00	100.00
Grand Total Pass %		95.00							
	Grand Total Percentage Range	No. of Students				Paper Code	faculty name		
	≥80	0				KHU801	Dr. Rajeev Ranjan		
	75-80	3				KOE083	Ms. Pragti Tripathi		
	70-75	16				KOE094	Dr. Setu Garg		
	65-70	12							
	60-65	7							
	<60	2							

7th SEMESTER																
S. No.	Subject Name	Subject Code	Faculty Name	Section	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass%	Average Marks	Pass%	Average Marks
					TARGET, 2023-24		LAST 3 YEARS AVERAGE		TARGET, 2022-23		2022-23		2021-22		2020-21	
1	RURAL DEVELOPMENT: ADMINISTRATION AND PLANNING	KHU801	Dr. Rajeev Ranjan		100.00	50	100.00	54.46	100.00	50	100.00	36.85	100.00	54.46	N/A	N/A
2	ENTREPRENEURSHIP DEVELOPMENT	KOE083	Ms. Pragti Tripathi		100.00	50	94.44	46.59	100.00	50	97.50	55.45	94.44	46.59	N/A	N/A
3	DIGITAL AND SOCIAL MEDIA MARKETING	KOE094	Dr. Setu Garg		100.00	50	100.00	53.72	100.00	50	100.00	46.63	100.00	53.72	N/A	N/A
											95		94.44			

2022-23

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT
RESULT ANALYSIS 8TH SEMESTER

LIST OF TOP STUDENTS

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	1902220310027	PRAGATI RAI	78.12
2	1902220310026	PLAKSHI TOMAR	77.76
3	1902220310032	SACHIN	75.41
4	1902220310003	AINUL HASAN	74.82
5	1902220310020	MOHD MUDASSIR	74.82
6	1902220310041	SONAL SOURAV	74.00
7	1902220310046	UTKARSH SRIVASTAVA	73.41
8	1902220310019	MD ADIL HUSSAIN	73.29
9	1902220310045	SUYASH SHUKLA	73.29
10	1902220310039	SHIVAM RAJPOOT	72.82

LIST OF WEAK STUDENTS

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	1902220310029	PRIYESH RAI	24.12
2	1902220310035	SAURAV BHARTI	28.59
3	1902220310008	AVIRAL VARSHNEY	60.82
4	1902220310037	SHASHI KANT	62.35
5	1902220310012	DEEPAK SHARMA	62.47
6	1902220310010	BALRAJ SINGH	63.06
7	1902220310044	SUNIL KUMAR PATEL	63.65
8	1902220310040	SIDDHI SINGH	64.82
9	1902220310002	ADEEB KHAN	64.94
10	1902220310006	ANUSHREE BHUI	65.18

S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																				No. of CP	SUBJECT CODE (CARRY OVER)	Total	Total	Grand Total	Percent	SGPA	Status of Result
			KOE035		KAS301		KEC301		KEC302		KEC303		KEC351		KEC352		KEC353		KEC 354	KNC301										
			Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (50)	Ext (100)	Int (25)	Ext (25)	Int (25)	Ext (25)	Int (25)	Ext (25)	Int(1 50)	Int (25)	Ext (50)	Internal(425)			External(575)	950	%	10	PASS/PCP/INCOMPLETE/UF M	
1	2102220310001	Aadarsh	42	73	44	58	49	60	40	55	42	59	22	21	22	22	21	21	49	24	26	0	NA	331	369	700	73.68	7.77	PASS	
2	2102220310002	Abhay Sharma	49	69	49	53	47	51	49	70	49	69	23	22	24	24	24	23	46	24	40	0	NA	360	381	741	78.00	8.08	PASS	
3	2102220310005	Aditya Rana	38	45	39	35	39	50	32	14	31	16	19	18	19	20	19	20	42	19	24	2	KEC-302,KEC-303	278	218	496	52.21	4.36	PCP	
4	2102220310006	Aditya Shankar	34	50	47	48	39	30	38	45	35	37	20	20	22	21	19	21	48	23	22	0	NA	302	272	574	60.42	6.41	PASS	
5	2102220310007	Akmal Hussain	42	67	41	49	42	73	43	65	45	61	21	20	21	21	22	22	43	21	35	0	NA	320	378	698	73.47	8.05	PASS	
6	2102220310008	Alok Kumar Singh	36	30	30	70	37	49	36	72	37	53	21	21	20	21	22	22	41	17	24	0	NA	280	338	618	65.05	6.82	PASS	
7	2102220310009	Ashwin Yadav	40	30	41	42	38	40	39	53	40	38	20	20	23	21	21	22	47	21	20	0	NA	309	266	575	60.53	6.59	PASS	
8	2102220310010	Avinash A B Roy	34	41	34	45	37	49	34	42	33	43	19	17	18	20	20	19	48	19	25	0	NA	277	276	553	58.21	6.45	PASS	
9	2102220310011	Bhumika Pal	43	74	49	60	47	68	44	62	42	44	22	20	23	23	22	21	42	19	32	0	NA	334	372	706	74.32	7.95	PASS	
10	2102220310012	Devraj Singh	33	38	34	30	42	35	43	30	36	37	18	18	21	22	18	19	49	17	16	0	NA	294	229	523	55.05	5.73	PASS	
11	2102220310013	Gautam Negi	43	51	35	69	30	45	38	51	30	47	15	17	15	22	15	19	43	16	19	0	NA	264	321	585	61.58	6.64	PASS	
12	2102220310014	Harshit Raj	42	56	43	74	42	50	40	40	38	31	19	20	20	20	21	20	45	19	21	0	NA	310	311	621	65.37	7.05	PASS	
13	2102220310016	Md. Gulab Nabi	30	2	37	51	32	37	31	30	30	21	19	17	19	19	19	19	39	16	20	2	KOE-035,KEC-303	256	196	452	47.58	3.91	PCP	
14	2102220310018	Md Tausif Raja	31	41	35	58	35	52	31	73	32	49	15	16	15	19	15	16	38	15	29	0	NA	247	324	571	60.11	6.36	PASS	
15	2102220310021	Rakesh Kumar	41	53	42	58	40	50	33	38	35	48	19	19	20	22	19	20	45	17	29	0	NA	294	308	602	63.37	6.82	PASS	
16	2102220310022	Riya Chaudhary	42	32	44	64	46	55	36	62	39	42	21	20	21	21	22	20	42	22	27	0	NA	313	316	629	66.21	7.00	PASS	
17	2102220310023	Sahwag Raj	34	49	35	36	33	30	31	40	33	32	15	16	15	18	15	16	44	16	37	0	NA	255	237	492	51.79	5.32	PASS	
18	2102220310024	Sahzaad Bhatti	35	40	39	50	32	32	31	53	35	47	19	19	19	21	19	19	45	17	32	0	NA	274	281	555	58.42	6.14	PASS	
19	2102220310026	Shushant	40	40	37	48	33	24	37	31	35	31	20	20	20	20	19	19	46	17	16	1	KEC-301	287	233	520	54.74	5	PCP	
20	2102220310027	Siddharth Kumar	34	56	35	54	36	47	35	80	38	64	19	19	18	20	18	19	48	18	24	0	NA	281	359	640	67.37	7.14	PASS	
21	2102220310028	Sneha	37	42	32	42	37	34	33	32	33	41	20	18	21	21	20	18	41	22	23	0	NA	274	248	522	54.95	5.64	PASS	
22	2102220310029	Sonu Kumar	34	33	40	50	39	38	30	54	33	47	15	16	15	19	15	16	40	15	25	0	NA	261	273	534	56.21	6.05	PASS	
23	2102220310030	Urvesh Saifi	38	60	43	48	40	58	38	55	40	47	22	21	22	21	21	22	49	17	28	0	NA	313	332	645	67.89	7.27	PASS	
24	2202220319001	Abhijeet	37	37	36	52	33	40	34	41	31	20	19	18	20	20	18	18	38	17	20	1	KEC-303	266	246	512	53.89	5.23	PCP	
25	2202220319002	Rahul	40	59	40	73	40	55	40	59	35	52	20	19	22	22	19	20	47	18	26	0	NA	303	359	662	69.68	7.32	PASS	

		BASIC DATA STRUCTURE & ALGORITHMS		TECHNICAL COMMUNICATION		ELECTRONIC DEVICES		DIGITAL SYSTEM DESIGN		NETWORK ANALYSIS AND SYNTHESIS		ED Lab		DSD Lab		NAS Lab		Mini Project	CSS	
		KOE035		KAS301		KEC301		KEC302		KEC303		KEC351		KEC352		KEC353		KEC354	KNC301	
Percentage Range	Average Marks	Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (25)	External (25)	Internal (25)	External (25)	Internal (25)	External (25)	Internal (50)	External	Internal
		KOE035		KAS301		KEC301		KEC302		KEC303		KEC351		KEC352		KEC353		KEC354	KNC301	
		37.96	46.72	39.24	52.68	38.60	46.08	36.64	49.88	36.28	43.04	19.28	18.88	19.80	20.80	19.32	19.64	44.20	18.64	25.60
		11	0	12	0	10	0	7	1	6	0	12	11	16	21	11	13	22	7	1
Percentage Range	≥80	11	0	12	0	10	0	7	1	6	0	12	11	16	21	11	13	22	7	1
	70-80	6	2	9	3	9	1	8	3	10	0	9	8	5	4	10	9	3	6	2
	70-60	8	3	4	3	6	2	10	3	9	3	4	6	4	0	4	3	0	12	2
	60-50	0	6	0	9	0	8	0	7	0	3	0	0	0	0	0	0	0	0	8
	50-40	0	7	0	7	0	6	0	5	0	10	0	0	0	0	0	0	0	0	9
	40-30	0	6	0	3	0	7	0	5	0	6	0	0	0	0	0	0	0	0	3
No. of Fail Students		0	1	0	0	0	1	0	1	0	3	0	0	0	0	0	0	0	0	0
Pass %		100.00	96.00	100.00	100.00	100.00	96.00	100.00	96.00	100.00	88.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Grand Total Pass %		84																		

Grand Total Percentage Range	No. of Students
≥80	0
75-80	0
70-75	2
65-70	5
60-65	5
<60	10

Paper Code	faculty name
KOE 035	MR. Aditya Dayal Tyagi
KAS 301	Dr. Garima rajput
KEC 301	Mr. Shahid Khan
KEC 302	Manju Singh
KEC 303	Mr. Agha Asim Hussain

IIIRD SEMESTER																			
S. No.	Subject Name	Subject Code	Faculty Name	Section	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass%	Average Marks	Pass%	Average Marks	
					TARGET, 2023-24		LAST 3 YEARS		TARGET, 2022-23		2022-23		2021-22		2020-21		2019-20		
1	BASIC DATA STRUCTURE & ALGORITHMS	KOE 035	Mr. Aditya Dayal Tyagi	NA	90	50	90.91	48.00	90	40	96.00	46.72	90.91	48.00	NA	NA	NA	NA	
2	TECHNICAL COMMUNICATION	KAS 301	Dr. Garima Rajput	NA	100	55	96.46	49.09	95	45	100.00	52.68	95.45	51.05	95.74	48.11	98.18	48.11	
3	ELECTRONIC DEVICES	KEC 301	Mr. Shahid Khan	NA	90	50	87.16	43.23	90	40	96.00	46.08	90.91	48.32	85.11	39.96	85.45	41.42	
4	DIGITAL SYSTEM DESIGN	KEC 302	Manju Singh	NA	90	50	77.35	41.23	85	40	96.00	49.88	86.36	47.27	76.60	35.85	69.09	40.56	
5	NETWORK ANALYSIS AND SYNTHESIS	KEC 303	Mr. Agha Asim Hussain	NA	90	50	63.39	33.38	85	40	88.00	43.04	72.73	36.00	57.45	29.26	60.00	34.87	
Overall Pass Percentage %											84		68.18		46.8		43.26		

Toppers list

S.No	Roll No	Student Name	Percent
			%
1	2102220310002	Abhay Sharma	78.00
2	2102220310011	Bhumika Pal	74.32
3	2102220310001	Aadarsh	73.68
4	2102220310007	Akmal Hussain	73.47
4	2202220319002	Rahul	69.68
5	2102220310030	Urvesh Saifi	67.89
6	2102220310027	Siddharth Kumar	67.37
7	2102220310022	Riya Chaudhary	66.21
8	2102220310014	Harshit Raj	65.37
9	2102220310008	Alok Kumar Singh	65.05


2022-23
ELECTRONICS & COMMUNICATION ENGINEERING
DEPARTMENT

RESULT COMPARISON

ODD SEMESTER

Slow learner list

S.No	Roll No	Student Name	Percent
			%
1	2102220310016	Md. Gulab Nabi	47.58
2	2102220310023	Sahwag Raj	51.79
3	2102220310005	Aditya Rana	52.21
4	2202220319001	Abhijeet	53.89
4	2102220310026	Shushant	54.74
5	2102220310028	Sneha	54.95
6	2102220310012	Devraj Singh	55.05
7	2102220310029	Sonu Kumar	56.21
8	2102220310010	Avinash A B Roy	58.21
9	2102220310024	Sahzaad Bhatti	58.42

<div><div>I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)</div></div>			2022-23 ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT RESULT ANALYSIS V SEMESTER																										
S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																			No. of CP	SUBJECT CODE (CARRY OVER)	Total Internal (375)	Total External (575)	Grand Total 950	Percent %	SGPA	Status of Result PASS/PCP/INC COMPLETE/UFM
			KEC501 (IC)		KEC502 (MPMC)		KEC503 (DSP)		KEC053 (VLSI)		KEC057 (EIM)		KEC551 (ICLAB)		KEC552(MPMC LAB)		KEC553 (DSPLAB)		KEC554 MINI PROJE CT	KNC 501 (CIIE)									
			Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (25)	Extl (25)	Int (25)	Extl (25)	Int (25)	Extl (25)	Internal (50)	Int (50)	Extl (100)								
1	2002220310001	Abhinav Kumar Kanth	31	30	31	49	30	24	30	51	32	55	18	18	18	17	18	16	38	15	28	1	KEC503	246	260	506	53.26	4.86	PCP
2	2002220310002	Abhishek Yadav	45	51	41	41	44	66	48	56	41	51	24	20	24	22	23	20	45	25	40	0		335	327	662	69.68	7.45	PASS
3	2002220310003	Aman Pratap Singh	43	40	37	33	44	56	35	36	37	30	24	18	24	21	24	20	45	18	17	0		313	254	567	59.68	6.23	PASS
4	2002220310004	Ambika	37	15	37	30	41	34	40	55	45	40	24	20	24	22	24	16	49	24	38	1	KEC501	321	232	553	58.21	5.32	PCP
5	2002220310005	Ayush Raj	34	30	32	17	31	38	33	39	32	25	19	18	19	20	19	17	34	18	28	2	KEC502, KEC057	253	204	457	48.11	3.73	PCP
6	2002220310006	Divya Verma	48	56	43	55	50	75	50	73	43	68	25	23	25	23	25	23	49	23	36	0		358	396	754	79.37	8.32	PASS
7	2002220310007	Harshit Mishra	31	14	31	13	31	1	32	30	33	15	19	20	19	15	19	19	39	17	15	4	KEC501, KEC502, KEC503, KEC057	254	127	381	40.11	1.95	PCP
8	2002220310008	Kanchan Gupta	44	40	39	57	45	78	42	39	40	54	21	21	21	20	24	19	43	22	35	0		319	328	647	68.11	7.41	PASS
9	2002220310009	Kashish Solan	42	51	32	49	46	63	34	42	37	48	22	21	22	19	22	18	41	19	25	0		298	311	609	64.11	7.09	PASS
10	2002220310010	Kavita Yadav	31	41	30	36	31	37	32	36	33	30	18	16	18	16	19	16	32	16	25	0		244	228	472	49.68	5.09	PASS
11	2002220310011	Komal Nagar	44	53	37	65	41	72	39	49	41	41	24	18	24	22	24	18	40	18	15	0		314	338	652	68.63	7.32	PASS
12	2002220310012	Lokesh Bisht	44	65	45	72	42	75	38	52	41	58	24	23	24	24	23	18	46	21	23	0		327	387	714	75.16	8.05	PASS
13	2002220310014	Prashant Kumar	38	40	37	50	39	56	41	39	37	36	22	20	22	24	22	19	39	20	23	0		297	284	581	61.16	6.59	PASS
14	2002220310016	Rahul Rai	36	17	34	30	34	37	33	17	35	39	23	18	22	18	22	23	44	18	24	2	KEC501	283	199	482	50.74	4.00	PCP
15	2002220310017	Raju Kumar	31	30	30	8	30	22	31	30	30	30	15	15	15	17	15	18	30	15	23	2	KEC502	227	170	397	41.79	3.09	PCP
16	2002220310020	Suman Kumar	39	30	37	32	39	56	33	49	35	60	23	18	23	21	22	22	41	23	25	0		292	288	580	61.05	6.50	PASS
17	2002220310021	Umesh Kumar	34	50	34	36	32	31	33	48	33	48	22	18	22	20	22	18	40	19	32	0		272	269	541	56.95	6.00	PASS
18	2002220310022	Vikram Kumar Jha	48	60	48	44	48	72	48	58	40	66	24	23	24	22	24	23	47	25	36	0		351	368	719	75.68	8.36	PASS
19	2102220319001	Navdeep Thakur	37	30	33	35	36	30	41	30	36	40	22	18	22	18	22	17	44	21	17	0		293	218	511	53.79	5.45	PASS
20	2102220319002	Praveen	45	50	50	55	48	69	44	52	50	57	24	23	25	21	24	21	46	24	29	0		356	348	704	74.11	8.05	PASS
21	2102220319003	Prashant Kumar	50	40	39	31	46	50	45	34	48	58	25	23	24	22	24	20	45	25	26	0		346	278	624	65.68	7.14	PASS
22	1902220310001	AAMIR AZAZ	30	9	30	30	30	16	30	32	32	26	15	18	15	18	16	15	35	16	15	3	KEC501	233	164	397	41.79	2.59	PCP
23	1902220310011	DEEPAK MANDAL																					0	0	0	0.00		NOT	
24	1902220310047	VIVEK KUMAR	34	17	34	22	32	35	35	17	35	15	22	21	22	20	22	19	35	19	20	4	KEC501	271	166	437	46.00	2.32	PCP

EX-students Result

S.N o	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																				No. of CP	SUBJECT CODE (CARRY OVER)	Total	Total	Grand Total	Percen t		Status of Result
			KEC501 (IC)		KEC502		KEC503		KEC053		KEC058		KEC551		KEC552(MP)		KEC553		KECs	KNC 501										
			Int	Extl	Int	Extl	Int	Extl	Int	Extl	Int	Extl	Int	Extl	Int	Extl	Int	Extl		Int	Extl									
			Internal	External	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External		950	%	SGPA								
1	2002220319001	ANKIT SINGH	35	16	33	abs	34	20	33	7	32	31	18	20	18	15	19	15	38	17	17	4	KEC501,KEC502,	260	124	384	40.42	1.91	PCP	
2	2002220319002	JITENDRA	36	30	34	30	34	9	33	24	32	32	18	23	18	15	19	15	38	17	16	2	KEC503, KEC053	262	178	440	46.32	3.41	PCP	
3	1902220310014	GAUTAM	34	13	29	7	33	12	33	32	29	31	20	18	20	17	21	15	37	14	21	3	KEC501, KEC502,	256	145	401	42.21	2.55	PCP	

S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE																			
			KEC501 (IC)		KEC502 (MPMC)		KEC503 (DSP)		KEC053 (VLSI)		KEC057 (EIM)		KEC551 (ICLAB)		KEC552(MPMC LAB)		KEC553 (DSPLAB)		KEC554 MINI PROJECT	KNC 501 (CIE)		
			Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (50)	Extl (100)	Int (25)	Extl (25)	Int (25)	Extl (25)	Int (25)	Extl (25)	Internal (50)	Int (50)	Extl (100)	
			KEC501 (IC)		KEC502 (MPMC)		KEC503 (DSP)		KEC053 (VLSI)		KEC057 (EIM)		KEC551(ICLAB)		KEC552(MPMC LAB)		KEC553 (DSPLAB)		KEC554 MINI PROJECT	KNC 501		
Average Marks			38.96	37.35	36.57	38.70	38.70	47.52	37.70	41.91	37.65	43.04	21.70	19.61	21.65	20.09	21.70	18.91	41.17	20.04	25.87	
Percentage Range	≥80		10	0	5	0	11	0	9	0	9	0	20.91	18.83	20.87	19.35	20.91	18.22	39.52	19.39	24.65	
	80-70		5	0	7	1	3	5	4	1	7	0	20.81	18.81	20.77	19.26	20.86	18.17	39.36	19.18	24.04	
	70-60		8	2	11	1	9	3	10	0	7	3	20.68	18.84	20.63	19.19	20.72	18.09	39.12	19.24	24.37	
	60-50		0	6	0	4	0	4	0	6	0	6	20.54	18.79	20.49	19.07	20.59	18.19	38.70	19.03	23.76	
	50-40		0	5	0	4	0	0	0	4	0	5	20.61	18.83	20.56	19.04	20.66	18.23	38.92	19.08	23.61	
	40-30		0	5	0	9	0	7	0	10	0	5	20.42	18.65	20.37	18.87	20.47	18.03	38.47	18.91	23.07	
No. of Fail Students			0	5	0	4	0	4	0	2	0	4	20.49	18.60	20.43	19.04	20.54	17.99	38.47	19.00	23.45	
Pass %			100.00	81.48	100.00	85.19	100.00	85.19	100.00	92.59	100.00	85.19	20.46	18.49	20.41	18.99	20.39	17.95	38.27	18.86	22.93	
Grand Total Pass %			65.21																			

Grand Total	No. of Students
≥80	0
75-80	3
70-75	1
65-70	4
60-65	3
<60	16

Paper	faculty name
KEC501	Dr. Setu Garg
KEC502	Ms. Manju Singh
KEC503	Mr. Navneet Kumar
KEC053	Mr. Prabhakar Sharma
KEC057	Dr. Praveen Bhol

Vth SEMESTER																
S. No.	Subject Name	Subject Code	Faculty Name	Section	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks
					TARGET, 2023-24		LAST 3 YEARS AVERAGE		TARGET, 2022-23		2022-23		2021-22		2020-21	
1	INTEGRATED CIRCUITS	KEC 501	DR. SETU GARG	NA	90.00	40.00	90.99	38.60	90.00	45.00	81.48	37.35	97.78	47.67	85.19	38.11
2	Microprocessor & Microcontroller	KEC 502	MS. MANJU SINGH	NA	90.00	40.00	94.32	43.98	90.00	45.00	85.19	38.70	86.67	43.27	96.30	47.69
3	DIGITAL SIGNAL PROCESSING	KEC 503	MR. NAVNEET Kumar	NA	90.00	45.00	84.05	37.86	90.00	45.00	85.19	47.50	80.00	37.09	98.15	46.96
4	VLSI	KEC 053	Mr. Prabhakar Sharma	NA	90.00	45.00	88.89	41.64	90.00	45.00	92.59	41.91	88.89	41.64	NA	NA
5	Electronic Instrumentation & measurement	KEC 057	Dr. Praveen Bhola	NA	90.00	45.00	NA	NA	90.00	45.00	85.19	43.04	NA	NA	NA	NA
Overall Pass Percentage %											65.21		57.77		64.81	


ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT
RESULT ANALYSIS V SEMESTER

List of 3rd Year TOPPERS

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	2002220310006	Divya Verma	79.37
2	2002220310022	Vikram Kumar Jha	75.68
3	2002220310012	Lokesh Bisht	75.16
4	2102220319002	Praveen	74.11
5	2002220310002	Abhishek Yadav	69.68
6	2002220310011	Komal Nagar	68.63
7	2002220310008	Kanchan Gupta	68.11
8	2102220319003	Prashant Kumar	65.68
9	2002220310009	Kashish Solan	64.11
10	2002220310014	Prashant Kumar	61.16

List of 3rd Year WEEK STUDENTS

S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	2002220310007	Harshit Mishra	40.11
2	2002220319001	ANKIT SINGH	40.42
3	2002220310017	Raju Kumar	41.79
4	1902220310001	AAMIR AZAZ	41.79
5	1902220310014	GAUTAM	42.21
6	1902220310047	VIVAN	46.00
7	2002220319002	JITENDRA	46.32
8	2002220310005	PAWAT(EY)	48.11
9	2002220310016	Ayush Raj	50.74
10	2002220310001	Abhinav Kumar	53.26

<div>I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)</div>														<div>2022-23 ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT RESULT ANALYSIS EVEN SEMESTER 7th SEMESTER</div>									
S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE												No. of CP	SUBJECT CODE (CARRY OVER)	Total		Grand Total	Percent	SGPA	Status of Result	
			KHU702 (PME)		KEC074(MWR)		KEC076(WLMC)		KOE074 (RER)		KEC751D(Mwlab)		KEC752 (MP)	KEC753(P RO 1)			Internal (425)	External (425)					
			Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (25)	External (25)	Internal (50)	Internal (150)									
24	1902220310029	PRIYESH RAI	36	49	37	4	38	3	39	31	20	20	30	90	CP (2)	KEC074,KECO76	290	107	397	46.71	4.28	PCP	
30	1902220310035	SAURAV BHARTI	35	51	35	21	35	18	35	40	18	18	30	90	CP (2)	KEC074,KECO76	278	148	426	50.12	4.39	PCP	
7	1902220310008	AVIRAL VARSHNEY	37	31	40	18	41	37	39	30	22	18	36	90	CP (1)	KEC074	305	134	439	51.65	5.17	PCP	
9	1902220310010	BALRAJ SINGH	36	47	35	35	35	25	36	44	18	17	30	91	CP (1)	KEC076	281	168	449	52.82	5.22	PCP	
19	1902220310022	MUHAMMAD SAKIB	36	40	37	39	38	50	39	22	20	18	45	93	CP (1)	KOE074	308	169	477	56.12	5.56	PCP	
11	1902220310013	DHRUV GUPTA	37	45	40	32	39	32	39	35	23	22	31	109	CP (0)		318	166	484	56.94	6.22	PASS	
4	1902220310005	AJAY PRASAD	38	38	41	16	40	54	41	42	22	20	43	95	CP (1)	KEC074	320	170	490	57.65	5.72	PCP	
5	1902220310006	ANUSHREE BHUI	37	42	42	40	39	41	40	46	21	19	31	95	CP (0)		305	188	493	58.00	6.44	PASS	
18	1902220310021	MD ARKAM	36	42	38	20	40	34	41	50	22	19	31	133	CP (1)	KEC074	341	165	506	59.53	5.89	PCP	
10	1902220310012	DEEPAK SHARMA	37	58	38	30	40	36	42	34	22	21	41	112	CP (0)		332	179	511	60.12	6.78	PASS	
21	1902220310025	PIYUSH BHARDWAJ	40	54	37	48	41	40	39	41	20	21	35	95	CP (0)		307	204	511	60.12	6.67	PASS	
14	1902220310017	KSHITIJ UPMANYU	40	44	37	57	40	42	39	50	20	20	31	94	CP (0)		301	213	514	60.47	6.61	PASS	
1	1902220310002	ADEEB KHAN	36	47	42	39	37	31	39	43	21	21	31	129	CP (0)		335	181	516	60.71	6.72	PASS	
6	1902220310007	AVINASH SINGH	36	60	41	43	41	51	39	46	23	21	36	90	CP (0)		306	221	527	62.00	6.83	PASS	
8	1902220310009	AYUSH PATEL	36	62	37	37	38	52	41	48	20	18	31	109	CP (0)		312	217	529	62.24	6.78	PASS	
32	1902220310037	SHASHI KANT	40	44	42	49	38	38	40	56	20	21	31	110	CP (0)		321	208	529	62.24	7.00	PASS	
12	1902220310015	GOVIND KUMAR JHA	38	42	41	05	44	65	39	44	24	19	41	132	CP (1)	KEC074	359	175	534	62.82	6.33	PCP	
3	1902220310004	AISHWARYA SENGAR	37	75	41	27	41	37	39	66	24	19	38	91	CP (1)	KEC074	311	224	535	62.94	6.17	PCP	
17	1902220310020	MOHD MUDASSIR	37	60	38	48	37	48	40	50	20	19	30	112	CP (0)		314	225	539	63.41	6.94	PASS	
13	1902220310016	KSHAMA SHAKTI	39	37	40	40	43	51	41	43	23	21	35	129	CP (0)		350	192	542	63.76	7.11	PASS	
37	1902220310044	SUNIL KUMAR PATEL	38	50	43	36	40	37	40	54	20	20	42	128	CP (0)		351	197	548	64.47	7.17	PASS	
20	1902220310023	NAVEEN KUMAR GUPTA	39	40	38	39	44	51	39	49	22	22	37	129	CP (0)		348	201	549	64.59	7.11	PASS	
33	1902220310038	SHASHWAT PANDEY	40	23	38	34	44	53	41	42	22	22	45	145	CP (1)	KHU702	375	174	549	64.59	6.28	PCP	
31	1902220310036	SHAGUN BENIWAL	37	34	38	45	40	37	46	57	22	22	42	130	CP (0)		355	195	550	64.71	7.00	PASS	
40	2002220319003	RIYAZ AHMED BHAT	36	44	44	43	40	50	43	44	22	20	41	134	CP (0)		360	201	561	66.00	7.17	PASS	
15	1902220310018	MADAN MOHAN KUMAR	40	63	38	30	44	44	43	46	22	22	37	135	CP (0)		359	205	564	66.35	7.17	PASS	
36	1902220310041	SONAL SOURAV	37	63	41	48	40	37	40	54	22	21	45	135	CP (0)		360	223	583	68.59	7.61	PASS	
29	1902220310034	SAUMYA	42	47	44	38	49	34	48	59	24	23	44	136	CP (0)		387	201	588	69.18	7.61	PASS	
34	1902220310039	SHIVAM RAJPOOT	45	33	40	57	48	60	43	60	23	20	45	115	CP (0)		359	230	589	69.29	7.50	PASS	
26	1902220310031	ROSHAN KUMAR	40	50	48	44	38	50	42	66	20	21	40	132	CP (0)		360	231	591	69.53	7.67	PASS	
2	1902220310003	AINUL HASAN	37	69	41	47	40	48	46	52	22	20	47	138	CP (0)		371	236	607	71.41	7.78	PASS	
35	1902220310040	SIDDHI SINGH	38	65	41	52	41	60	42	67	23	21	37	122	CP (0)		344	265	609	71.65	7.78	PASS	
16	1902220310019	MD ADIL HUSSAIN	36	58	48	46	43	55	37	68	20	20	47	133	CP (0)		364	247	611	71.88	7.89	PASS	
38	1902220310045	SUYASH SHUKLA	42	65	50	41	41	58	43	68	20	21	40	122	CP (0)		358	253	611	71.88	8.00	PASS	
28	1902220310033	SACHIN KUMAR SINGH	43	59	40	38	47	59	42	63	23	22	46	132	CP (0)		373	241	614	72.24	7.94	PASS	
27	1902220310032	SACHIN	43	59	36	67	47	60	40	47	19	21	45	134	CP (0)		364	254	618	72.71	7.72	PASS	
25	1902220310030	RAVI KUMAR SHAH	40	75	43	67	38	68	47	55	22	19	31	131	CP (0)		352	284	636	74.82	8.06	PASS	
39	1902220310046	UTKARSH SRIVASTAVA	39	62	42	47	44	61	46	67	23	23	48	140	CP (0)		382	260	642	75.53	8.17	PASS	
22	1902220310026	PLAKSHI TOMAR	37	74	42	68	43	67	40	76	24	24	43	131	CP (0)		360	309	669	78.71	8.39	PASS	
23	1902220310027	PRAGATI RAI	50	72	50	63	47	65	50	62	24	23	42	133	CP (0)		396	285	681	80.12	8.56	PASS	



I.T.S ENGINEERING COLLEGE
GREATER NOIDA
(A NAAC Accredited Engineering College)

The Education Group
 Ghaziabad • Greater Noida
 (Field : 10996)

2022-23

ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT
RESULT ANALYSIS EVEN SEMESTER
7th SEMESTER

S.No	Roll No	Student Name	MARKS OBTAINED: SUBJECT CODE												No. of CP	SUBJECT CODE (CARRY OVER)	Total	Total	Grand Total	Percent	SGPA	Status of Result
			KHU702 (PME)		KEC074(MWR)		KEC076(WLMC)		KOE074 (RER)		KEC751D(Mwlab)		KEC752 (MP)	KEC753(P RO 1)			Internal (425)	External (425)	850	%	10	PASS/PCP/INCOMPLETE/UFM
			Internal (50)	External(100)	Internal (50)	External (100)	Internal (50)	External (100)	Internal (50)	External(100)	Internal (25)	External (25)	Internal (50)	Internal (150)								

			KHU702 (PME)		KEC074(MWR)		KEC076(WLMC)		KOE074 (RER)		KEC751D(Mwlab)		KEC752 (MP)	KEC753(P RO 1)
Average Marks			38.58	51.83	40.60	39.95	41.08	45.98	41.13	50.43	21.55	20.48	38.28	118.10
Percentage Range	≥80		13	0	25	0	28	0	26	0	37	29	40	23
	80-70		27	4	15	0	12	0	14	1	3	10	0	6
	70-60		0	9	0	4	0	8	0	9	0	1	0	11
	60-50		0	8	0	3	0	12	0	10	0	0	0	0
	50-40		0	13	0	14	0	6	0	15	0	0	0	0
	40-30		0	5	0	12	0	11	0	4	0	0	0	0
No. of Fail Students			0	1	0	7	0	3	0	1	0	0	0	0
Pass %			100.00	97.50	100.00	82.50	100.00	92.50	100.00	97.50	100.00	100.00	100.00	100.00
Grand Total Pass %			75.00											

Grand Total Percentage Range	No. of Students
≥80	1
75-80	2
70-75	7
65-70	6
60-65	15
<60	9

Paper Code	faculty name
KHU702	Dr. Rajeev Rannjan
KEC074	Mr. Navneet
KEC076	Mr. Prabhakar Sharma
KOE074	Dr. Monika Jain

III RD SEMESTER																
S. No.	Subject Name	Subject Code	Faculty Name	Section	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass %	Average Marks	Pass%	Average Marks	Pass%	Average Marks
					TARGET, 2023-24		LAST 3 YEARS AVERAGE		TARGET, 2022-23		2022-23		2021-22		2020-21	
1	PROJECT MANAGEMENT & ENTREPRENEURSHIP	KHU702	Dr. Rajeev Ranjan	NA	100.00	45.00	100.00	52.26	100.00	45.00	97.50	51.83	100.00	52.26	NA	NA
2	MICROWAVE AND RADAR ENGINEERING	KEC074	Mr. Navneet Kumar	NA	100.00	45.00	90.74	39.80	100.00	45.00	82.50	39.95	90.74	39.80	NA	NA
3	WIRELESS AND MOBILE COMMUNICATION	KEC076	Mr. Prabhakar Sharma	NA	100.00	45.00	98.10	44.25	100.00	45.00	92.50	45.98	98.15	53.06	97.96	41.55
4	RENEWABLE ENERGY RESOURCES	KOE074	Dr. Monika Jain	NA	100.00	45.00	98.78	50.28	100.00	45.00	97.50	50.43	98.15	50.87	100.00	57.73
											75		88.88		83.63	

LIST OF TOP STUDENTS			
S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	1902220310027	PRAGATI RAI	80.12
2	1902220310026	PLAKSHI TOMAR	78.71
3	1902220310046	UTKARSH SRIVASTAVA	75.53
4	1902220310030	RAVI KUMAR SHAH	74.82
5	1902220310032	SACHIN	72.71
6	1902220310033	SACHIN KUMAR SINGH	72.24
7	1902220310019	MD ADIL HUSSAIN	71.88
8	1902220310045	SUYASH SHUKLA	71.88
9	1902220310040	SIDDHI SINGH	71.65
10	1902220310003	AINUL HASAN	71.41
LIST OF WEAK STUDENTS			
S.NO.	ROLL NUMBER	STUDENT'S NAME	%
1	1902220310029	PRIYESH RAI	46.71
2	1902220310035	SAURAV BHARTI	50.12
3	1902220310008	AVIRAL VARSHNEY	51.65
4	1902220310010	BALRAJ SINGH	52.82
5	1902220310022	MUHAMMAD SAKIB	56.12
6	1902220310005	AJAY PRASAD	57.65
7	1902220310021	MD ARKAM	59.53
8	1902220310015	GOVIND KUMAR JHA	62.82
9	1902220310004	AISHWARYA SENGAR	62.94
10	1902220310038	SHASHWAT PANDEY	64.59

Department of Electronics and Communication Engineering

Name of Event: e-yantra Symposium 2023 at IIT Bombay

Date of Event: April 5th & 6th, 2023 (Wednesday, Thursday)

Organized by: Center of Excellence, e-Yantra of Electronics and Communication Engineering Department, I.T.S Engineering College, Greater Noida.

Event Coordinator: Dr. Parveen Bhola AP, EEE Department, Ms. Pragati Tripathi AP ECE

Objective: To explore innovative ideas/approach to embedded systems, robotics and automation.

Report: A team of four students (Avinash, Divya, Nikunj, & Piyush) and one Faculty member Dr. Parveen Bhola represented Center of Excellence, e-Yantra of Electronics & Communication Engineering Department, ITS Engineering College Greater Noida in a National level event "e-yantra Symposium-2023" at IIT Bombay held on 5th & 6th April 12, 2023. The purpose of the event was to bring together researchers, educators, industry experts, and students from different parts of the country to explore innovative approaches to embedded systems, design thinking, robotics, and automation.

On day one, i.e. 5th April 12, 2023 (Wednesday) registration for the participants was done followed by the breakfast. The session begins with the panel discussion on New Education Policy 2020 with experts from the industry and education. After the lunch, the top 10 selected ideas from the e-yantra lab competition were displayed. The faculty of CSE Department from IIT Bombay presented their research work. The session was concluded with storytelling and standup comedy.

On 2nd day i.e. 6th April 12, 2023 (Thursday), session begins with panel discussion on start up. After the panel discussion, Mr. Sudhanshu (The man behind Vandhe Bharat) delivered an expert talk on Train 18. After the lunch, Mr. Vivek delivered another expert talk on Entrepreneurship. The prizes were distributed to the winners after the high tea. The function was concluded by a vote of thank by Prof. Kavi Arya, coordinator of e-yantra IIT Bombay.

Program Outcome:

- Students get the exposure to the new ideas/approaches of e-yantra lab competitions
- Students gets the opportunity for networking and exchanging ideas with peers and experts from various fields.
- Students visited the IIT Bombay campus.

No. of Faculty Attended: 1

No. of Student Attended: 4

Coordinator

Dr. Parveen Bhola

(AP- EEE Department)

SUPPORTING PICS











Social Media Links for e-yantra symposium 2023

Facebook: <https://www.facebook.com/560321492802193/posts/611332634367745>

Instagram: <https://www.instagram.com/p/Cq5PKRwsCih/>

Twitter: <https://twitter.com/ITSEnggggn/status/1645998652937355264>

LinkedIn: <https://www.linkedin.com/feed/update/urn:li:share:7051517531513118720>

Google

Business: <https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgICR24j00gE>

Name of Event: Seminar on “Career Opportunities after B.Tech”

Date of Event: May 05, 2023 (Friday)

Organized by: Department of Electronics and Communication Engineering & Department of Electrical & Electronics Engineering, I.T.S Engineering College, Greater Noida.

Department of Electronics and Communication Engineering

Event Coordinator: Dr. Parveen Bhola Assistant Professor, EEE Department

Objective: To aware the students about the various opportunities after B.Tech and motivate them for higher Education and Government Sector Exam and PSU Exam.

Report: ECE and EEE Department jointly organized a seminar on “Career Opportunities after B.Tech”. The guest of the event was Mr. Arjun Chhabra, Sr. Faculty of ACE Academy. Mr. Arjun has the vast experience of teaching the GATE/PSE/PSU exam. Dr. Monika Jain (HOD ECE & EEE) welcomed the guest by presenting the bouquet to him. Mr. Arjun Chhabra delivered lecture on “**Career Opportunities after B.Tech**”. The lecture was mainly focused on preparation for various PSU exam, State Public Sector and GATE exam. Students enjoyed the session and interacted with speaker.

Program Outcome:

- Importance of GATE Examination in Engineering.
- Students motivated for the higher study course like M.Tech/MBA.
- How to prepare for the GATE/PSE/PSU Examination.

No. of Faculty Attended: 02

No. of Student Attended: [34 (1st year section-D) + 36 (CSE 2nd Year section B) +12(3rd Year ECE) + 02 (3rd Year EEE) = 84

Event Coordinator

Dr. Parveen Bhola

(AP- EEE Department)

Brief Profile of Speaker



**Faculty Member at ACE | Motivational Speaker |
5 times GATE Qualified | M.Tech in Structural
Engineering (DTU) | 6+ Yrs. of GATE/ESE/PSU Teaching
Experience**

Mr. Arjun Chhabra is an esteemed faculty member at ACE Engineering Academy and a motivational speaker with a flair for teaching and interacting with students pan India. He has qualified GATE 5 times and holds 6+ years of GATE/ESE/PSU teaching experience. Mr. Chhabra has completed M.tech. In Structural Engineering from the prestigious institution DTU. Mr. Arjun Chhabra strongly believes that in order to crack any exam its not only the subject knowledge that is significant rather a positive and motivated mindset has a equal role to play. Thus, he is often seen interacting and motivating his students in their academic pursuits and that has helped him garner love and respect from students pan India.

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Department of Electronics and Communication Engineering





Department of Electronics and Communication Engineering

Social Media Link

<https://www.facebook.com/560321492802193/posts/626177482883260>

<https://www.linkedin.com/feed/update/urn:li:share:7060224946207174656>

<https://www.instagram.com/p/Cr3G1glscNg/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgIDRp9XFvAE>

List of Students attended the session on "Carrier opportunity after B.Tech" on 04/05/2023

Department of CSE

ASH

**CSE-Second Year 4th
Semester-Section-B**

1st Year Section D 2022-23

<u>Sr.No</u>	<u>Name</u>	<u>Sr No</u>	<u>SAMAYAN PREET</u>
<u>1</u>	<u>Dhuruv Kumar</u>	<u>1</u>	<u>SANDEEP SINGH</u>
<u>2</u>	<u>Divyanshu Singh</u>	<u>2</u>	<u>Sanidhya Shukla (Re-Admitted)</u>
<u>3</u>	<u>Gagan Sahu</u>	<u>3</u>	<u>SATYAM KUMAR</u>
<u>4</u>	<u>GUNGUN SALUJA</u>	<u>4</u>	<u>SATYAM UPADHYAY</u>
<u>5</u>	<u>Harjeet Singh</u>	<u>5</u>	<u>SAURABH CHOUDHARY</u>

Department of Electronics and Communication Engineering

<u>6</u>	<u>HARSH BHARDWAJ</u>	<u>6</u>	<u>SHAMSHAD AHMAD</u>
<u>7</u>	<u>Harsh Kumar Patel</u>	<u>7</u>	<u>SHANKAR</u>
<u>8</u>	<u>Harsh Pandey</u>	<u>8</u>	<u>SHANKAR JHA</u>
<u>9</u>	<u>Harsh Rajput</u>	<u>9</u>	<u>SHANKAR KUMAR RAUT</u>
<u>10</u>	<u>Harshit Kumar Dwivedi</u>	<u>10</u>	<u>SHASHWAT RANA</u>
<u>11</u>	<u>Harshvardhan Pathak</u>	<u>11</u>	<u>SHIVANSH BHARDWAJ</u>
<u>12</u>	<u>Himanshi Bhardwaj</u>	<u>12</u>	<u>SHIVANSH RAI</u>
<u>13</u>	<u>Hiresh Kumar</u>	<u>13</u>	<u>SHREYANSH GUPTA</u>
<u>14</u>	<u>Isha Deol</u>	<u>14</u>	<u>SHREYANSHU SRIVASTAVA</u>
<u>15</u>	<u>Ishika Saxena</u>	<u>15</u>	<u>SHREYASH DEVESH SRIVASTAVA</u>
<u>16</u>	<u>Kalpana Kushwaha</u>	<u>16</u>	<u>SHUBHAM KUMAR</u>
<u>17</u>	<u>Kamal Singh</u>	<u>17</u>	<u>SHUBHANSHU MISHRA</u>
<u>18</u>	<u>Karan Kumar</u>	<u>18</u>	<u>SIDDHANT KUMAR SINGH</u>
<u>19</u>	<u>KARTIKEY KESHARI</u>	<u>19</u>	<u>SIDDHARTHA YADAV</u>
<u>20</u>	<u>Kartikey Shakya</u>	<u>20</u>	<u>SINGH ABHINAV JITENDRA</u>
<u>21</u>	<u>KISHAN TRIPATHI</u>	<u>21</u>	<u>SONALI KUMARI</u>
<u>22</u>	<u>Krish Verma</u>	<u>22</u>	<u>SUNNY PAL</u>
<u>23</u>	<u>Krishna Km Ojha</u>	<u>23</u>	<u>SURAJ</u>
<u>24</u>	<u>Kunwar Bhagar Singh</u>	<u>24</u>	<u>SURAJ KUMAR</u>
<u>25</u>	<u>Kushagra Gangwar</u>	<u>25</u>	<u>SURBHI CHOUDHARY</u>
<u>26</u>	<u>Lakshya Pratap Singh</u>	<u>26</u>	<u>SUSHANT SINGH</u>

Department of Electronics and Communication Engineering

<u>27</u>	<u>Lokesh Sharma</u>	<u>27</u>	<u>SWATI JHA</u>
<u>28</u>	<u>Manasvi Lalit</u>	<u>28</u>	<u>SWETA AGRAWAL</u>
<u>29</u>	<u>Manish Kumar Raj</u>	<u>29</u>	<u>SYED MOHIBULLAH</u>
<u>30</u>	<u>Manish Verma</u>	<u>30</u>	<u>TANMAY TARUN</u> <u>CHOUDHARY</u>
<u>31</u>	<u>Manjeet Mishra</u>	<u>31</u>	<u>TUSHAR SHARMA</u>
<u>32</u>	<u>MAYANK YADAV</u>	<u>32</u>	<u>UTTKARSH RAI</u>
<u>33</u>	<u>Md Adil Imran</u>	<u>33</u>	<u>VAIBHAV GANGWAR</u>
<u>34</u>	<u>MD. SERAJ ANWAR</u>	<u>34</u>	<u>VASU GUPTA</u>
<u>35</u>	<u>MOH. FAIZAN</u>	<u>35</u>	<u>VASU SOLANKI</u>
<u>36</u>	<u>MOHD SAAD</u>	<u>36</u>	<u>VEDANT RAJ SHARMA</u>
<u>37</u>	<u>Mohd Uvesh</u>	<u>37</u>	<u>VIKAS KUMAR</u>
<u>38</u>	<u>MRITUNJAY RAI</u>	<u>38</u>	<u>VIKASH KUMAR</u>
<u>39</u>	<u>Mukul Negi</u>	<u>39</u>	<u>VIKASH KUMAR</u>
<u>40</u>	<u>Navya Srivastava</u>	<u>40</u>	<u>VIKASH KUMAR</u>

Name of Event: Two days workshop on Firebird V Robot

Date of Event: 9th&10thFeb 2023

Organized by:Ms. Pragati Tripathi,COE e-Yantra

Event Coordinator: Dr. Setu Garg

Objective:2 daysworkshop on Firebird V Robot research platform to introduce Atmega 2560 and Firebird V Robot.

Report:The Department of Electronics and Communication Engineering of ITS Engineering College,Gr. Noida, organizeda 2-dayworkshop on Firebird V Robot and its research platform.Ms. Pragati Tripathi conducted the workshop. In the workshop,Ms. Pragati explained the basics of embedded systems, followed by introduction to Firebird V Robot and its research platform. She alsoexplained the coding methodologies atAtmega 2560 along with its interfacing.

The detailed curriculum includes following:

Day 1:

1. Introduction to Embedded Systems
2. Introduction of Firebird V and Atmega 2560
3. Input output interfacing: Buzzer control using Atmega 2560
4. Input output interfacing: Control of DC motors(Motion control on Firebird V)
5. Input output interfacing: Pulse Width Modulation (Velocity control on Firebird V)
6. Input output interfacing: LCD Interfacing on Firebird V

Day 2:

1. Using ADC on Firebird V
2. Sensors switching on Firebird V
3. White/black line Follower using Firebird V

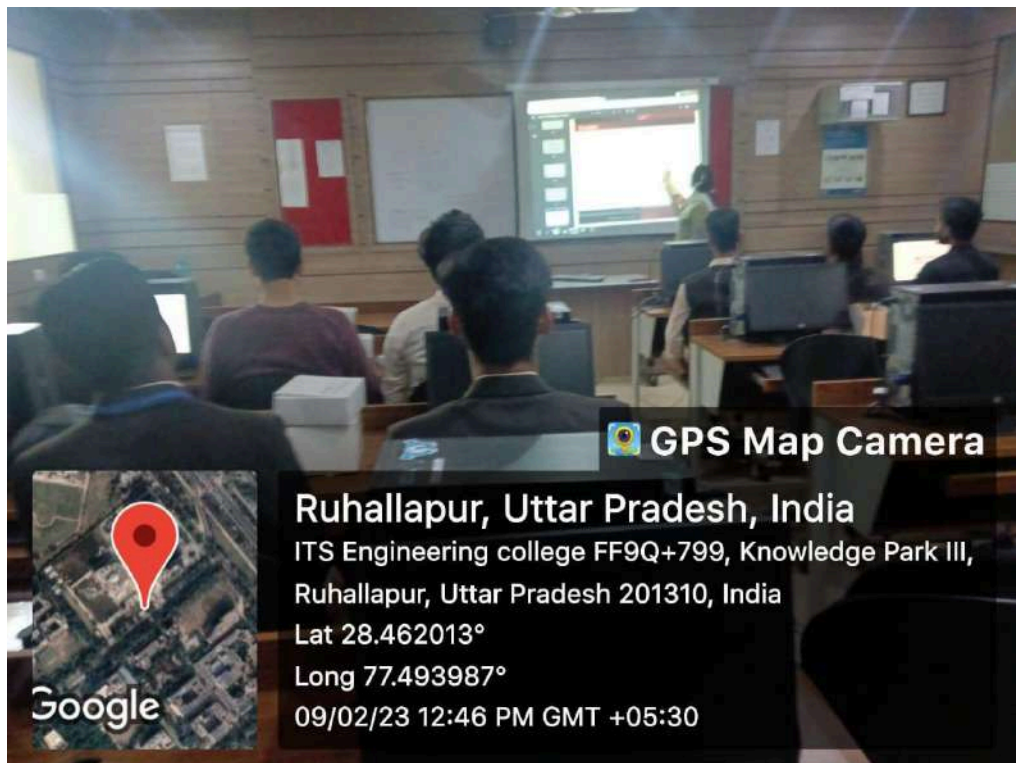
Outcomes:

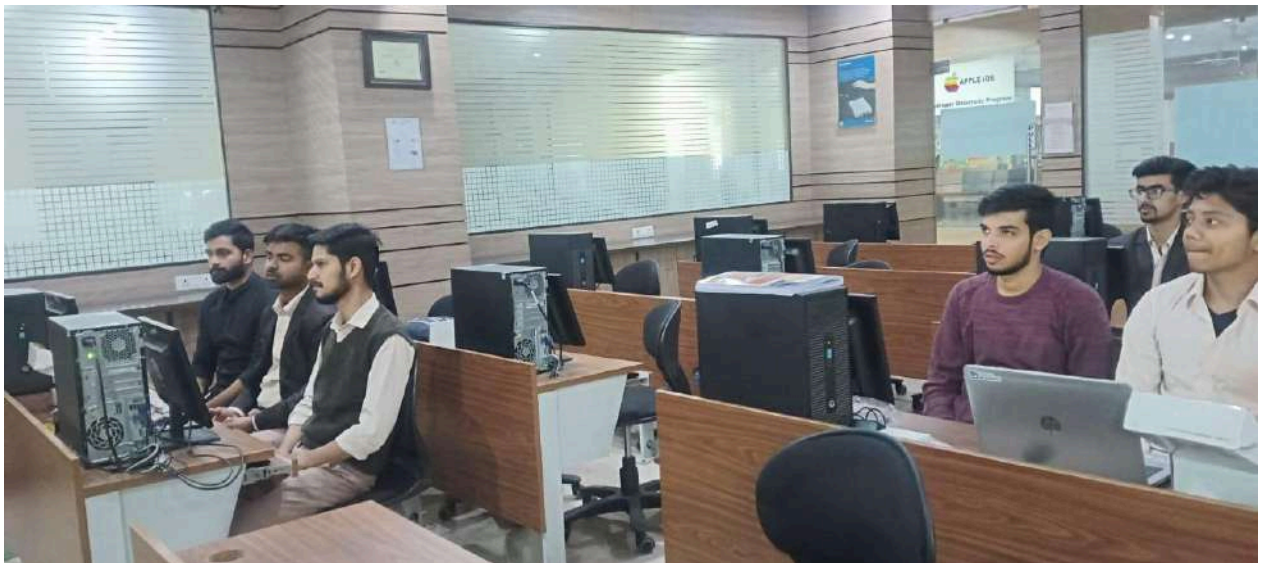
- Learned about basics of embedded systems.
- Got familiarize with Firebird V research platform.
- Got an idea about Embedded C programming
- Able to interfacing different I/O Devices with Atmega 2560
- Able to interface different sensors with Atmega 2560

No. of Students attended: 20 (2nd Year ECE)

1. Avinash AB Roy
2. Dev Raj Singh
3. Bhumika
4. Adarsh
5. Ashwin
6. Aditya Shankar
7. Shivam Kumar Yadav
8. Rahul
9. Sushant
10. Siddhartha Kumar
11. Md. Taushif
12. Sahzaad Bhatti
13. Aditya Rana
14. Harshit Raj
15. Md. Gulab Nabi
16. Akmal Hussain
17. Gautam Negi
18. Sahwag
19. Abhijeet
20. Alok Kumar Singh









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(GOVERNMENT OF INDIA)



IEEE
Student Branch UP
ITS SCRI



**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
ITS ENGINEERING COLLEGE**

GREATER NOIDA
organizes

HANDS-ON WORKSHOP

on

***“Introduction to Firebird - V Robot and
its Interfacing”***



SPEAKER

MS. PRAGATI TRIPATHI (ASST. PROFESSOR)

**Coordinator: Dr. Setu Garg
(Assoc. Professor)**



**THURSDAY - FRIDAY
9th & 10th Feb 2023**



/itsenggggn

www.itsengg.edu.in

SMP LINKS

<https://www.facebook.com/560321492802193/posts/570589821775360>

<https://twitter.com/ITSEnggggn/status/1623534121942421506>

<https://www.linkedin.com/feed/update/urn:li:share:7029298689684717568>

<https://www.linkedin.com/feed/update/urn:li:share:7029298693191180289>

<https://www.instagram.com/p/CobXM4ku4W-/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgIChtLRVA>

Name of Event: 1 Day Hands on Workshop: “Python Programming & Data Analytics”

Date of Event: April 12, 2023

Organized by: e-Yantra Innovation Centre Department of ECE

Event Coordinator: Ms. Pragati Tripathi (Assistant Professor- Department of Electronics & Communication Engineering)

Speaker: Ms. Avneet Kaur, Senior Corporate Expert, Cetpa Infotech Pvt. Ltd.

Objective: The workshop was organized with the objective of promoting the awareness and skills among students about Python Programming and its applications in Data Analytics.

Report:

This was the one day workshop on python and data analytics organized by Department of Electronics & Communication Engineering on 12th April for all the B.tech IInd and IIIrd Year students ECE, ME and CE. To explore the power and simplicity of python & data science. This workshop was appreciated by all the students as they were able to add another programming language in their technical skill set. The expert Ms. Avneet Kaur is the team member of organization, has given the mix of theory and practical knowledge of python & data analytics. Dr. Monika Jain, Head of Department inaugurated the workshop, also motivated the students with his speech and explained that these kinds of workshops are beneficial for their upcoming placements and technical knowledge. The workshop was started with absolute basics as many of the attendees were new to programming. In the beginning, speaker explained to them the difference between a compiled and interpreted language. He began with the concept of print statements and how it was used to output to the console. The participants used the print () statement in Python to print sentences, concatenate strings and perform basic calculations. While concatenating and printing various things students noticed that they were not able to concatenate a sentence and a number (unless the number was in quotes). And hence various basic data types like Integer (int, numerical value without a decimal point), Floating Point (float, fractional numbers), String (str, sentences) were introduced. The two new data types for those who did a bit of programming were Boolean and None. Boolean (bool) can hold only one of two possible values: True and False. The last type was None which is a special type indicating nulls. Along the way, he also introduced the participants to the concept of variables. Many of those who had experience with C++/Java remarked how easy it was to declare a variable in Python (without specifying its data type) and change its data type fluidly. The reason is that Python doesn't actually “hold” any data but is merely pointers to data objects. He then moved on to the basic assignment and arithmetic operations in programming. Many of them were new to the modulo (%), the floor division (/), and the power (**) operators. He then gave them a simple problem to solve for some practice using the things they learned. Comparison operators were then taught along with conditional statements, its syntax, working and how the or, and operators were used in it. Next, he moved on to looping statements. While being taught for loop, they were also introduced to the range () function in Python along with its start, stop and step parameters, which work exactly the same way in string slicing, also explained at the time. In the end, participants were given a few questions to solve, going

from beginning to intermediate and they were encouraged to ask any doubts since he was nearing the end of the session. In this way the whole session was concluded.

Outcomes: The outcome of the workshop was to make students aware about the following concepts: Introduction to python and students were taught that python is simple programming language compared to other programming languages and the following topics were covered.

- What is python?
- Applications of python (web applications, web frameworks, GUI based desktop applications etc.)
- Data types in python with programs.
- Loops & conditions in python with programs.
- Introduction to Python
- Python features and applications
- Functions, recursion
- File handling
- OOPs concepts
- Modules and Packages
- Libraries used for Data Science.
- Introduction to data analytics
- Applications of data analytics
- Connectivity of machine learning & artificial intelligence with data science
- Use of data science in real time applications
- M-2 and P&S are the base subjects to understand Data science.

Program Outline: The workshop was organized with the objective of promoting the awareness and skills among students about Python Programming and its applications in Data Analytics.

No. of Students attended: 72

Faculty attended: 05

Timing: 1.30 pm - 4.00 pm

Banner:

Department of Electronics & Communication Engineering
I.T.S ENGINEERING COLLEGE, GREATER NOIDA
(NBA & NAAC Accredited)

Organizes

Hands on Workshop :
Python and Data Analytics



Ms. Avneet Kaur
Senior Corporate Expert
Cetpa Infotech Pvt. Ltd.

DEPT. OF ELECTRONICS AND COMMUNICATION ENGG

ITS ENGINEERING COLLEGE (GR. NOIDA)

Organising Workshop
on
PYTHON AND DATA ANALYTICS

in Collaboration with
CETPA Infotech Pvt. Ltd.



SPEAKER

Ms. Avneet Kaur
Senior Corporate Expert

 **12th April 2023**



List of Participants:

- | | |
|------------------------|----------------------|
| 1. Abhinav Kumar Kanth | 42. Aadarsh |
| 2. Abhishek Yadav | 43. Abhay Sharma |
| 3. Aman Pratap Singh | 44. Abhimanyu Kumar |
| 4. Ambika | 45. Abhishek Kumar |
| 5. Ayush Raj | 46. Aditya Rana |
| 6. Divya Verma | 47. Aditya Shankar |
| 7. Harshit Mishra | 48. Akmal Hussain |
| 8. Kanchan Gupta | 49. Alok Kumar Singh |
| 9. Kashish Solan | 50. Ashwin Yadav |
| 10. Kavita Yadav | 51. Avinash B Roy |
| 11. Komal Nagar | 52. Bhumika Pal |
| 12. Lokesh Bisht | 53. Devraj Singh |
| 13. Prashant Kumar | 54. Gautam Negi |
| 14. Rahul Raj | 55. Harshit Raj |
| 15. Raju Kumar | 56. Kapil |

16. Sanjeev Kumar
17. Suman Kumar
18. Umesh Kumar
19. Vikram Kumar
20. Parveen
21. Prashant
22. Navdeep Thakur
23. Deepak Mandal
24. Vivek Kumar
25. Rahul Yadav
26. Abhay Chauhan
27. Piyush Kumar
28. Sonu Kumar
29. Aditya
30. Mann Kumar
31. Aditya Kumar Yadav
32. Prabhat Kumar Mishra
33. Ankit Kumar
34. Harsh
35. Aniket Srivastava
36. Abhishek Patel
37. Aditya
38. Vishnu Kumar
39. Krish Saini
40. Saket Kumar
41. Vikas Manraj

57. Md Gulab Nabi
58. Imam
59. Md Tausif Raja
60. Nikhil Raj
61. Rakesh Kumar
62. Riya Chaudhary
63. Sahwag Raj
64. Sahzaad Bhatti
65. Shivam Kumar Yadav
66. Abhishek Sharma
67. Adarsh Kumar Mishra
68. Deepanjan
69. Shlab Kumar
70. Abdul Hasib
71. Suraj Kumar
72. Md. Aamir Raza

Workshop Pictures:



















Social Media Links:

<https://www.facebook.com/560321492802193/posts/611306384370370>

<https://twitter.com/ITSEngggn/status/1645736813884243970>

<https://www.linkedin.com/feed/update/urn:li:share:7051500383038226432>

<https://www.instagram.com/p/Cq5HXKWt9E/>

https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKElCAglCRm_XVSw

Coordinator
(Ms. Pragati Tripathi)

Work Report

Name of the Event: Two Days Hands on Workshop on “Industrial to Robotics” by e-Yantra IIT Bombay.

Date of the Event: 16th & 17th June 2023.

Hosted by: e-Yantra (COE), ITS Engineering College

Speaker: **Mr. Kalind Karia & Mr. Jaison Jose**, Senior Project Engineer, e-Yantra, IIT Bombay

Venue of the event: Naidu Hall & ITB Lab

Coordinator of the Event: Ms. Pragati Tripathi, Assistant Professor & Coordinator e-Yantra Lab

Participants: Faculty members from different engineering colleges

No. of Participants-

- Faculty Members: 20
- Students: 13

Objectives of the Workshop:

- Impart theoretical and programming knowledge to faculty members through workshops
- Provide hands on training to teachers through regional e-Yantra Robotics Teacher Competition
- Help colleges set up their own Robotics labs.

TARGET AUDIENCE

The workshop was aimed at those who want to understand the working of embedded system and robotics.

· The workshop was started with introduction to various components of a typical robot which are basic building block of any robot, It contains both electronics as well as mechanical parts. So students got familiar with basic building block of any robot.

Report:

e-Yantra is a project initiated by IIT-Bombay sponsored by the Ministry of Human Resource Development under National Mission in Education through Information and Communication Technology. The mission of e-yantra project is to enable students and staff of Technical Institutions to take India's economy to a greater height by 2025 with the help of technological innovations. Our Management of I.T.S. Engineering College has the mission to grow a rich eco-system of ideas and applications; it encourages faculty members and students' research activities in Robotics, Automation and Embedded system platform. Our Management is very keen in establishing many research labs in our campus and funded 5 Lakhs to establish Robotics and embedded systems lab in our college and aims to create the next generation of embedded system engineers with a practical outlook to provide practical solutions to real world problems. Our faculty members have attended two days' workshop and got trained through Faceto-face training in embedded systems and Micro-controller programming related to Robotics. Our Team Leader and members are also involved actively in the Task Based Training comprising of a total of six different tasks which is an endeavor to train teachers in Embedded Systems and Robotics through hands-on experiments which is given by IIT Bombay on Firebird V robot. Team members successfully completed all the six tasks. e-Yantra is a project to spread Embedded systems and Robotics education in colleges across India. The e-Yantra Lab Setup Initiative (eLSI) enables colleges to set up Robotics labs and teach Robotics and Embedded systems in an effective manner. E-Yantra Lab Setup Initiative (eLSI) is a holistic approach to. The aim of this workshop was to understand robotics and embedded system through Firebird V Atmega 2560 based robot. This was intended to make a step forward in understanding, working of electro-mechanical parts of robotics and how to integrate them to make a complete system.

The Department of Electronics & Communication of I.T.S. Engineering College in association with e-Yantra Lab Setup Initiative (eLSI), IIT Bombay organized a Two-Day Workshop on **Introduction to Robotics** for the teaching faculty in greater Noida and other neighbouring states. The inaugural function was held on 16th June 2023 at the institute.

The inaugural began with lighting of the lamp by the dignitaries – Director Dr. Mayank Garg, Dr. Monika Jain, HOD Electronics Communication Department, Dr. Setu Garg, Associate Professor, Mr. Shahid Khan, Mr. Prabhakar Sharma, Mr. Agha Asim Hussain, Mr. Navneet Chaudhary, Ms. Pragati Tripathi, Assistant Professor and Coordinator of the event, Mr. Kalind Kariya and Mr. Jaison Jose, Senior Project Engineer, e-Yantra IIT Bombay.

Dr. Mayank Garg, Director Engineering welcomed everyone and, in her message, urged the participants to take maximum advantage and to get the doubts clarified and spread this knowledge to your respective institutes.

Dr. Monika Jain, H.O.D. ECE addressed all the participants and welcomed Prof. Kavi Arya Principal Investigator, e-Yantra, IIT Bombay. She also stated that this workshop provides a very good platform to take off in our career. There is guidance, freedom and an environment for teaching and learning. She has introduced two initiatives from IIT Bombay, one being Remote Centre for IITB and second is the e-Yantra Laboratory under e-Yantra Lab Setup Initiative (eLSI). The purpose of which is to further education in India by thinking beyond, practically and to think differently.

The Overview of e-Yantra was through a live web session by Prof. Kavi Arya, Principal Investigator, e-Yantra, IIT Bombay, Ms. Ruchi Sharma, Dr. Anshu, Mr. Kiran Solanki Senior Project Manager, Core Team, e-Yantra. He expressed gratitude to the management of I.T.S. Engineering College for hosting this workshop at their campus and for having faith in the e-Yantra project. He explained about the project in detail to all the participants. Also, he elaborated on the initiatives taken up by them to train teachers and set up labs in their respective colleges. According to her this project is attaining popularity by word of mouth rather than self-promotion. Dr. Mayank Garg and Dr. Monika Jain thanked the e-Yantra Resource Persons, Management, e-Yantra Core Team and all the participants for being a part of this workshop.

OUTLINE

Session I: DAY:1

- First session started with introduction of robotics and its components like sensors, actuators, Control unit, Intelligence, communication and power system. Each component separately taught and practical sessions done accordingly.
- After the end of this session, students and faculty members got to know about what are the sensors/actuators/Control Unit and how to program a control unit to interface them.
- Up to now they had performed individual interfacing of robot's components.

Session II: DAY:2

- In second session, students had started to integrate all the components to make complete system like a line follower robot.
- End of this session students and faculty members knew to make closed loop system, what are the components required and how to integrate them on embedded system. Each session had 4 hours.

Learning Outcome:

- Participants learnt about Robotics technology.

- Participants got exposure to industrial application of robotics.
- Participants understood how to make Robotics based Projects.
- Participants know about the e-yantra lab and their activities.
- Participants have got the depth knowledge of Firebird-V Robot and its applications.
- They have also learned AVR programming.

Conclusion: The workshop was very effective for the participants as they learnt about Robotics technology and understood how to make Robotics based Projects.

SM Links:

Day: 1 Post

<https://www.facebook.com/560321492802193/posts/652998493534492>

<https://www.linkedin.com/feed/update/urn:li:ugcPost:7075443856636354561>

<https://www.instagram.com/p/CtjPm2YyhHm/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgIDx56bGWw>

Day:2 Post

<https://www.facebook.com/560321492802193/posts/653595180141490>

<https://www.linkedin.com/feed/update/urn:li:ugcPost:7075808064599203840>

<https://www.instagram.com/p/Ctl1Ob8AIX0/>

Event Photos:



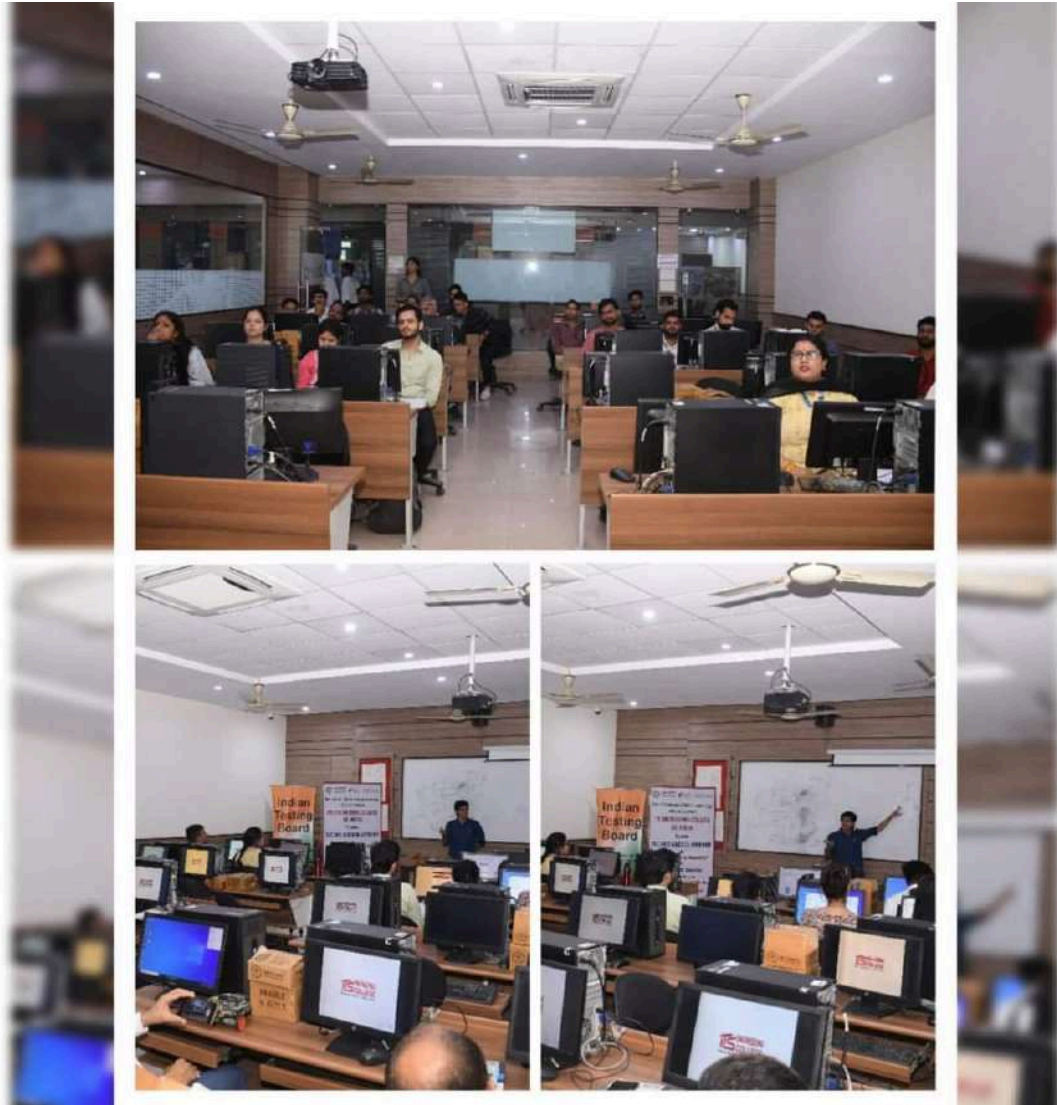


















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INSTITUTION'S
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(Ministry of Education, India)



IIT Bombay
e-Yantra
Engineering a better tomorrow

Dept. of Electronics & Communication Engg.
(NBA Accredited)

ITS ENGINEERING COLLEGE, GR. NOIDA

Organizes

TWO DAYS HANDS-ON WORKSHOP

on

“Introduction to Robotics”

by

e-Yantra, IIT Bombay

Resource Person: Experts from e-Yantra, IIT Bombay

Date: 16th & 17th JUNE 2023 (Friday & Saturday) Time: 9:00AM-6:00PM









ITS ENGINEERING COLLEGE
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Dept. of Electronics & Communication Engg.
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IEEE
Student Branch IIT'S ECEN



MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

NewGen IEDC
Innovation & Entrepreneurship Development Centre



Coordinator

Ms. Pragati Tripathi, Assistant Professor, ECE

Organizing Secretary

Dr. Setu Garg, Associate Professor, ECE

Mr. Shahid Khan, Assistant Professor, ECE

Organizing Committee

Mr. Navneet Kumar, Assistant Professor, ECE

Mr. Agha Asim Hussain, Assistant Professor, ECE

Mr. Prabhakar Sharma, Assistant Professor, ECE

Ms. Manju Singh, Assistant Professor, ECE

Mr. Upendra Agarwal, Assistant Professor, EEE

Dr. Rajiv Ranjan, Assistant Professor, EEE

Dr. Praveen Bhole, Assistant Professor, EEE

Student Members

Mr. Shagun Beniwal

Ms. Plakshi Tomar

Mr. Avinash AB Roy

Mr. Ashwin Yadav

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Chief Patrons



Shri Sohil Chadha
Hon. Vice-Chairman



Shri B.K. Arora
Hon. Secretary

Patron



Prof. (Dr.) Mayank Garg
Director I.T.S ENGINEERING COLLEGE

Convener



Prof. (Dr.) Monika Jain
HOD ECE, I.T.S ENGINEERING COLLEGE



Two Days
Hands on Workshop
on
“Introduction to Robotics”
by
e-Yantra, IIT Bombay

June 16 -17, 2023



Organized
by
COE e-Yantra

Department of Electronics & Communication Engineering
(NBA Accredited)

I.T.S ENGINEERING COLLEGE, GREATER NOIDA
(Affiliated to Dr. A.P.J Abdul Kalam Technical University,
Lucknow, UP)



ABOUT ITS

ITS Engineering College, Greater Noida (NAAC & NBA Accredited), affiliated to Dr. APJ ABTU, Lucknow. The College is committed for offering engineering education in congenial environment with state-of-art infrastructure. The college is consciously working for industry-academia connect, collaborative research & entrepreneurial initiative. ITS Engineering College is approved as Business Incubator under NewGEN IEDC, DST, Government of India and MSME, Government of India. With a mindset to skill building and inter-disciplinary collaborative learning multiple industrial Centre of Excellence have been established in the college including National Instruments, SMC, Rockwell Automation, Syscom Morpho, Apple iOS, eYantra, Android Apps, R Systems - Innovation Development Centre, SALT and Indian Testing Board. The college has been awarded National Education Excellence Award-2015 for excellent contribution in promoting excellent industry-academia interface by Honorable Chairman, AICTE. The college regularly organizes FDPs, Workshops, Conferences and Seminars, Guest Lectures to expose the faculty members and students with the recent technical trends by inviting eminent national and international personalities. The college has been awarded IC Top Star Ranking in 2020, 2021 and 2022. The college is also recognized in ARIMA ranking in Top Twenty-five institutions in 2020 and "Excellent Band" in 2021. MoE Innovation Cell has recognized our ITSEC IC as Mentor for Mentor-Mentee Program for harnessing innovation capacity building to other institutions too.

ABOUT DEPARTMENT

The Department of Electronics and Communication Engineering, under School of Engineering and Technology of I.T.S Engineering College was established in the year 2006 with an aim to produce globally competitive and socially sensitized engineering graduates along with a passion to bring out quality research in the frontier areas of Electronics and Communication Engineering. The Department offers four years Bachelor of Technology (B.Tech.) programme (comprising eight semesters) in Electronics & Communication Engineering, affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow (formerly UPTU) and has been accredited by NBA (National Board of Accreditation), New Delhi. All throughout its sparkling history of 17 years, the Department of ECE has been known for its exceptionally strong undergraduate programme. The Department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality education. To achieve educational excellence, the department focuses on project-based learning for which necessary hardware and softwares form an integral part of laboratories.

RESOURCE PERSONS

Experts:
e-Yantra, IIT Bombay



About the Workshop:

e-Yantra is a flagship project of MoE through the National Mission on Education through ICT (NMEICT) to spread Embedded systems and Robotics education in Engineering, Polytechnic, and Science colleges.

This workshop is conducted as a part of e-Yantra Lab Setup Initiative (eLSI).

eLSI is a holistic approach to

- Input theoretical and programming skilled based knowledge
- Provide hands-on experience to teachers and students through online training
- Help colleges set up their own robotics labs and innovation activities

Topics to be covered:

1. Introduction to Fire Bird V robot
2. Introduction to AVR Micro-controller and Programming environment
3. Single Motion Control using I/O ports
4. Robot velocity control using pulse width modulation
5. Introduction to LCD interfacing
6. Analog sensor interfacing using Analog to Digital conversion
*Interfacing with white line sensors
*Interfacing with Infrared range finder sensor
7. Interrupt programming
*Closed loop position control of robot using position encoders
8. Robot programming for white line following

TARGET PARTICIPANTS

* Faculty members / Research Scholars of university/engineering Polytechnic colleges of following disciplines:

- | | |
|-------|----------------|
| o ECE | o IT |
| o CSE | o EIE |
| o EEE | o ICE |
| o ME | o Mechatronics |

ADDRESS FOR CORRESPONDENCE

Electronics & Communication Engineering Department
ITS Engineering College
46, Knowledge Park III, Greater Noida,
Distt: Gautam Budh Nagar, Uttar Pradesh
PIN: 201308, India

Email: events.ece@its.edu.in
Mob. No.: +91 7376304601
Visit us at: www.itsengg.edu.in
www.facebook.com/ITSengg

EVENT REPORT

Name of Event: An Auto Expo Visit for students of B. Tech. 2nd ECE at India Expo Centre – Greater Noida (*Auto Expo-23, 13-18 January 2023*).

Date of Event: 17th January (Tuesday) 2023

Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.

Event Coordinator: Mr. Prabhakar Sharma, Assistant Professor, ECE Department.

Expo Visit Objective:

To provide an exposure and opportunities in Automobile especially Electric Vehicle. Students can know the various companies working in E-vehicles and electronics industries and scope for the electronics engineers in these companies.

Report: Students were reached Auto Expo-The Motor Show 2023 in India Expo Center –Greater Noida around 10:45 PM. I have already collected invitation pass from SIAM authorities(SIAM works towards supporting sustainable development of the Indian Automobile Industry with the vision that India emerges as the destination of choice in the world for design and manufacture of automobiles.). After Gate entry, we visit different halls of expo center decorated by Multiple multinational automobile companies like Maruti Suzuki, KIA motors, Toyoto motors, LEXUS, Hyundai, TATA Motors, ISUZU, MG, Greaves, JBM etc. with their latest single fuel, hybrid fuels and e-vehicles.

These companies visited auto expo with their latest upcoming automobile models. The main attraction of this auto expo is Hybrid and Electric Vehicles (bikes/Auto/Cars/Bus/Trucks etc) launched by Maruti Suzuki, TATA motors, KIA motors, Toyota, SWITCH, TORK motors, Ashok Leyland, Benelli, BYD,EBLU and more reputed companies. The visit is coordinated by Mr. Prabhakar Sharma (Assistant Professor-ECE). Department)."

Auto Expo is one of the world's premier auto shows. A signature event, that witness the best minds coming together on a single platform to showcases all that is best in the automotive world, in terms of products, technologies, concepts and trends. The Auto Expo has been laden with EV showcases this year. As many as 16 new four-wheeled EVs have been launched or displayed at the current edition of India's largest motor show! They came in the form of concepts, potential models for India and even some swanky-looking futuristic concepts

The center of attraction car models are Maruti eVX Concept, Tata Harrier EV, Tata Sierra EV, Tata Tiago EV Blitz, Hyundai Ioniq 5, Hyundai Ioniq 6, BYD Atto 3 Special Edition, Kia EV9 Concept, MG MIFA9, MG Marvel R, MG 4 & 5, Lexus LF-30 & LF-Z, Toyota bZ4X. After expo visit, we along with all students return back to college at around 3:00 PM.

Program Outcome:

Student's expose to

- Witness of the recent innovations and technological advancements in Automobile industry specially in Electric vehicles.
- Various multinational companies who are dealing in automobile and E-vehicles.
- Scope for the electronics engineers in these companies.
- Advancement in technology and scope for improvement through research and innovation.

Scope of Improvement: More visits in such type of motor shows and industries, so that our students can better understand the process of manufacturing and technology in automobile industry.

No. of Faculty Visited: 5

No. of Student attended: 18 (2nd Year)

HOD-ECE

Coordinator

Dr.Monika Jain

Mr. Prabhakar Sharma
(AP- ECE Department)

Social Media Links

<https://www.facebook.com/124969124271413/posts/5196707670430841/>

<https://twitter.com/ITSEngggn/status/1615937118400040960>

<https://www.linkedin.com/feed/update/urn:li:share:7021702803706253312>

<https://www.instagram.com/p/CnlZAfduHWv/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgID>

[BtueNhAE](#)

Confirmation Letter From SIAM-



Society of Indian Automobile Manufacturers
Core 4B, 5th Floor, India Habitat Centre
Lodi Road, New Delhi 110003
Phone: +91-11-47103010
Email: delhimotorshow@siam.in
Website: www.autoexpo.in

January 14, 2023

Mr. Prabhakar Sharma
Assistant Professor
ITS Engineering College
46, Knowledge park-III
Greater Noida- 201310

Dear Sir,

Visit of Students at Auto Expo-The Motor Show 2023 on Tuesday, Jan 17, 2023.

As per the request for allowing your institute's students to visit at Auto Expo – The Motor Show 2023 at Greater Noida. We wish to confirm the visit of your 25 students along with 4 faculty members at Auto Expo – The Motor Show on January 17, 2023. We would request the faculty members and students to carry their I-cards for identification.

Look forward to receiving your faculty members and students on January 17, 2023 at Gate No. 2 at 11:15 a.m. at the India Expo Mart in Greater Noida.

In case of any query please feel free to contact my Colleague Aditya Yadav at 9354324565.

With Kind regards,

Yours Sincerely,

A handwritten signature in black ink that reads 'Meenakshi K.'.

Meenakshi Kukreja

Director

SUPPORTING PICS









List Of Students

List of Students Visited Expo Centre, Greater Noida AUTO EXPO-2023			
S.NO	ROLL NO.	NAME OF STUDENT	YEAR
1	2102220310001	Aadarsh	2nd year
2	2102220310002	ABHAY SHARMA	2nd year
3	2102220310005	ADITYA RANA	2nd year
4	2102220310006	ADITYA SHANKAR	2nd year
5	2102220310007	Akmal Hussain	2nd year
6	2102220310008	ALOK KUMAR SINGH	2nd year
7	2102220310009	Ashwin Yadav	2nd year
8	2102220310010	Avinash A B Roy	2nd year
9	2102220310011	Bhumika Pal	2nd year
10	2102220310012	Devraj Singh	2nd year
11	2102220310013	GAUTAM NEGI	2nd year
12	2102220310014	Harshit Raj	2nd year
13	2102220310021	Rakesh Kumar	2nd year
14	2102220310022	Riya Chaudhary	2nd year
15	2102220310023	Sahwag Raj	2nd year
16	2102220310024	SAHZAAD BHATTI	2nd year
17	2102220310026	SHUSHANT	2nd year
18	2102220310027	Siddharth Kumar	2nd year

Faculty Visited-

1. Dr.Monika Jain- HOD
2. Mr. Prabhakar Sharma
3. Mr. Navneet Choudhary
4. Mr.Shahid Khan
5. Ms.Pragati Tripathi

Main Exhibitors



Work Report

Name of the Event- Seminar on “Unlocking New Possibilities using Technology” to celebrate National Technology Week

Date of the Event- 17 May 2023

Organized by- Institution’s Innovation Council, In association with Department of ECE & EEE, ITS Engineering College Greater Noida

Resource Persons: -

1. Mr. Arun Mishra
Founder & CEO
BizBrolly Solutions
2. Mr. Nitin Jain
Product Manager
Incursion Tech Pvt. Ltd.
3. Mr. Saurabh Nishad
Sr. Application Engineer
ST Microelectronics Pvt. Ltd

Venue of the Event- Raman Hall

No. of Participants-

- Students: 190
- Faculty: 11

Objective of the Event-

- To make awareness of importance for celebration of National Technology Day
- To motivate students to opt for startup as career option

Report-

Institution's Innovation Council (IIC) of ITS Engineering College in association with Department of ECE & EEE organized Seminar on “Unlocking New Possibilities using Technology” to celebrate National Technology Week on 17th May 2023, Wednesday. The event was started with welcome address by Prof. (Dr.) Monika Jain, HOD- ECE & EEE. The Chief Guest & Keynote Speaker Mr. Arun Mishra, CEO & Founder-Bizbrolly Solutions discussed about his technopreneur journey and experience of software product development across various platforms and organisations globally. He explained the key of forming technology teams and

how to deliver the innovative solutions of real life problems. Mr. Mishra also explained recent technologies as AI, ML, Robotics, Quantum computing, Block chain, Robotics etc.

The second resource person Mr. Nitin Jain, Product Manager, Incursion Tech Pvt. Ltd. described the Web development and methods for digital promotion. Mr. Jain discussed the different ways for commercialization of the product and investment readiness level of the product. Mr. Jain demonstrated the skill of digital marketing in hands on mode.

The third speaker Mr. Saurabh Nishad, Sr. Application Engineer, ST Microelectronics Pvt. Ltd explained the IoT and IIoT with suitable examples. Mr. Nishad demonstrated the home automation application with IoT technology. Mr. Saurabh also shared his knowledge and expertise of different projects he handled si far in ST Microelectronics.

Dr. Rajiv Ranjan, IIC Convener, ITSEC concluded the event and gave the vote of thanks.

Learning outcome: Attendees understood the importance of National Technology Day and got motivation for startup.

Conclusion:

The seminar was very fruitful to make participants understood how to unlock new possibilities using Technology.

SM Links:

Pre Event

<https://www.facebook.com/560321492802193/posts/632778035556538>

<https://www.linkedin.com/feed/update/urn:li:share:7064120584057626625>

<https://www.instagram.com/p/CsSyXZ-A247/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgICx-vefRg>

Post Event:

<https://www.facebook.com/560321492802193/posts/634526125381729>

<https://twitter.com/ITSEngggn/status/1659445428050624512>

<https://www.linkedin.com/feed/update/urn:li:share:7065209767635394561>

<https://www.instagram.com/p/Csag6WluRRT/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgICxwbOdBg>

Event Pictures:

ITS ENGINEERING COLLEGE
GREATER NOIDA • SINCE 2006

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

NewGen IEDC
INTEGRATED EDUCATIONAL DEVELOPMENT CENTRE

IEEE
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

INSTITUTION'S INNOVATION COUNCIL
I.T.S ENGINEERING COLLEGE, GREATER NOIDA
In association with
Department of ECE & EEE
organizes
Seminar on
“Unlocking New Possibilities Using Technology”
To Celebrate
National Technology Week

Mr. Arun Mishra
Founder & CEO
Bizbrolly Solutions

Mr. Nitin Jain
Product Manager
Incursion Tech Pvt. Ltd.

Mr. Saurabh Nishad
Sr. application Engineer,
ST microelectronics Pvt. Ltd.

WEDNESDAY
17 May 2023

www.itsengg.edu.in





Dr. Rajiv Ranjan
Assistant Professor, EEE Dept.
IIC Convener
(Event Coordinator)

19th May, 2023

Name of Event: A Farewell of ECE Department **“Despedida -2K23”**

Date of Event: May 18th, 2023 (Thursday)

Time: 12:30 AM - 5:30 PM

Organized by: 3rd Year Students -Electronics & Communication Engineering Department, ITS Engineering College, Greater Noida.

Coordinator: Ms. Manju Singh, Assistant Professor- ECE department, Mr. Prabhakar Sharma, Assistant Professor-ECE Department,

Report:

“Despedida -2K22” A Farewell of E.C.E Department

“Despedida-2K23”- Farewell program for batch 2019-23, engineering graduate of Electronics & Communication Engineering Department of I.T.S. Engineering College, Greater Noida. This event was organized by ECE-3rd year students to pay respect and best wishes to their seniors, under Envision Club on 18th May 2023.

The event was well organized in the Naidu hall and was inaugurated by Dr. Monika Jain, the HOD of the ECE department at 12:00 p.m. Despedida -2023 included various cultural events like singing, dancing, ramp walk and talent show etc. The faculty members along with the seniors were heartily welcomed by the anchors. The faculty coordinator of this program was Ms. Manju Singh & Mr. Prabhakar Sharma and students coordinators Divya, Kavita Yadav , Aman and whole ECE 3rd year students. At the end of the program Mr. & Ms. Farewell were selected on the basis of few parameters . Mr. Farewell- Suyash Shukla and Ms. Farewell – Ms. Plakshi Tomar

We are very thankful to Director Sir -Dr. Mayank Garg & HOD Mam Dr. Monika Jain for their 360 degree support and coordination and also thanks to IT and admin department for their support .

Objective :

- To Share the memories of all four year.
- To offering respect to colleagues and to express best wishes for them.

Target:

3rd year and 4th year students

Outcomes:

- To share the feelings and emotions among them and with faculties.

Scope of Improvement:

- Alumni meet and time to time interaction of alumni with current running batch students.

Student Present: 3rd Year and Final Year (18-3rd year +27 final year) = 45

Faculty & Staff Present: 08

HOD ECE

Dr.Monika Jain

Faculty Co-ordinator

Ms. Manju Singh

Mr. Prabhakar Sharma

URL link of Farewell 2023 post on social media

<https://www.facebook.com/560321492802193/posts/636953115139030>

<https://www.linkedin.com/feed/update/urn:li:share:7066334297598681088>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgICx5bikWQ>

List of Final Year students Attended Farewell

S. No	Roll No	Name of Student	Present/Absent
1	1902220310002	ADEEB KHAN	P
2	1902220310003	AINUL HASAN	P
3	1902220310004	AISHWARYA SENGAR	A
4	1902220310005	AJAY PRASAD	A
5	1902220310006	ANUSHREE BHUI	P
6	1902220310007	AVINASH SINGH	P
7	1902220310008	AVIRAL VARSHNEY	A
8	1902220310009	AYUSH PATEL	A
9	1902220310010	BALRAJ SINGH	A
10	1902220310012	DEEPAK SHARMA	A
11	1902220310013	DHRUV GUPTA	A
12	1902220310015	GOVIND KUMAR JHA	P
13	1902220310016	KSHAMA SHAKTI	P
14	1902220310017	KSHITIJ UPMANYU	P
15	1902220310018	MADAN MOHAN KUMAR	P
16	1902220310019	MD ADIL HUSSAIN	P
17	1902220310020	MOHD MUDASSIR	A
18	1902220310021	MD ARKAM	P
19	1902220310022	MUHAMMAD SAKIB	A
20	1902220310023	NAVEEN KUMAR GUPTA	P
21	1902220310025	PIYUSH BHARDWAJ	P

22	1902220310026	PLAKSHI TOMAR	P
23	1902220310027	PRAGATI RAI	P
24	1902220310029	PRIYESH RAI	A
25	1902220310030	RAVI KUMAR SHAH	P
26	1902220310031	ROSHAN KUMAR	P
27	1902220310032	SACHIN	P
28	1902220310033	SACHIN KUMAR SINGH	P
29	1902220310034	SAUMYA	P
30	1902220310035	SAURAV BHARTI	A
31	1902220310036	SHAGUN BENIWAL	P
32	1902220310037	SHASHI KANT	P
33	1902220310038	SHASHWAT PANDEY	P
34	1902220310039	SHIVAM RAJPOOT	A
35	1902220310040	SIDDHI SINGH	P
36	1902220310041	SONAL SOURAV	A
37	1902220310044	SUNIL KUMAR PATEL	P
38	1902220310045	SUYASH SHUKLA	P
39	1902220310046	UTKARSH SRIVASTAVA	P
40	Lateral	Riyaz A	P

Programs Pictures:















Name of Event: 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).

Date of Event: 20/02/23

Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.

Event Coordinator: Mr. Prabhakar Sharma, Assistant Professor, ECE-Department

Objective: To provide an exposure of various types of electrical devices like high voltage transformer, heavy motors, home appliances, CT, PT, coils, conductors, insulators, EV charging stations etc. Also explore students about the latest technologies used in electrical and allied electronics industries.

Report: ELECRAMA, the largest stand-alone showcase of the Indian Electrical and Allied Electronics Industry by IEEMA is slated to commence from February 18th to 22nd, 2023 at India Expo Mart, Greater Noida. The theme of ELECRAMA 2023 is “Re Imagine Energy – For Sustainable Future” and will be heavily based in showcasing innovation and future technologies in many areas including Storage, Green Hydrogen, Fuel Cells, AI, and IoT. This edition will also focus on sustainability through Energy Conservation, Carbon Net Zero, and Smart Consumption. Students visited India Expo Center –Greater Noida at around 11:00 AM. After online registration and batch collection from registration desk, we visited different stalls of multinational companies from Korea, China, Thailand, Japan, Germany, India etc who are dealing in electrical and electronics allied industries equipment's like PT, CT, high voltage transformers, coils, displays, smart metering, IOT devices, conductors and insulators, electric vehicle chargers, heavy motors, tools and many types of measuring devices. Students were very surprised to see the new innovations in electrical appliances, solar, EV- charging, motors, transformers etc.

The main Indian & multinational exhibitors –Secure, Siemens Ltd. Panasonic, Zera, BHEL, COSCO capacitors, *MECO electricals*, *KEI*, *Titan Automation*, *Ajanta Electricals*, *Genius*, *ABC transformer*, *arihant enterprise*, *C&C Electric limited*, *EMCO limited*, *IRCON*, *KEC International etc.*

Outcomes:

- Various multinational companies who are dealing in electrical equipment's like transformer, connectors, insulator, conductor, EV-charging & renewable energy equipment.
- Recent Advancement in smart and IOT base Metering Systems.
- Explore their knowledge about the latest technologies and find out the opportunities for placement.

Scope of Improvement:

- More Expo visits to be planned in future for latest technology exposure.

No. of Faculty attended: 7

No. of Student attended: 17

Coordinator

HOD

(Prabhakar Sharma)

(Dr. Monika Jain)

**List of Faculties**

1. Dr.Setu Garg-ECE
2. Mr. Prabhakar Sharma-ECE
3. Mr.Navneet Kumar-ECE
4. Mr. Shahid Khan-ECE
5. Mr. Parveen Bhole-ECE
6. Mr.Somesh Nath-CRC
7. Mr. Sunil Kumar-CRC

List of students

S.NO.	STUDENT NAME	Year
1	ABHISHEK YADAV	3 rd Yr
2	AMAN PRATAP SINGH	3 rd Yr
3	DIVYA VERMA	3 rd Yr
4	HARSHIT MISHRA	3 rd Yr
5	KANCHAN GUPTA	3 rd Yr
6	KASHISH SOLAN	3 rd Yr
7	PRASHANT KUMAR	3 rd Yr
8	RAHUL RAJ	3 rd Yr
9	RAJU KUMAR	3 rd Yr
10	SANJEEV KUMAR	3 rd Yr
11	SUMAN KUMAR	3 rd Yr
12	UMESH KUMAR	3 rd Yr
13	VIKRAM KUMAR JHA	3 rd Yr
14	Parveen	3 rd Yr
15	Ainul	4 th Yr
16	Sunil	4 th Yr
17	Utkarsh Srivastava	4 th Yr

Social Media Links:

1. <https://www.facebook.com/560321492802193/posts/580654714102204>
2. <https://twitter.com/ITSEngggn/status/1628359804707274758>
3. <https://www.linkedin.com/feed/update/urn:li:share:7034122900450217984>
4. https://www.instagram.com/p/Co9pBA6sv_-/
5. <https://local.google.com/place?id=11010943153743415673&use=posts&psid=CIHM0ogKEICAgIChq5zSuQE>

Pics of the Visit







DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EVENT REPORT

Name of Event – Technical Quiz Competition

Date of Event – 24th April, 2023

Organized by – Envision- the student activity club

Event Coordinators– Mrs. Manju Singh

Objective:

Quizzes are a lot of fun, but they can also be a terrific tool for self-improvement. The objective of technical quiz competition was:

- ☐ To improve the students' technical proficiency.
- ☐ To increase knowledge and competitive spirit

Report:

“Envision-the student activity club”, Department of Electronics and Communication Engineering of I.T.S Engineering College, Greater Noida organized one day Technical Quiz competition to improve the students technical proficiency on 24th April 2023 . This technical quiz competition included various subjects

This event was conducted offline mode. In the competition, more than 50 students of different branch and different year were registered and participated with great enthusiasm.

We wish them success in future Endeavour. The winners of the event were felicitated with certificates and attractive gifts. All participants were also felicitated with certificates.

The winner of the event: Ankit Mishra – ECE : 1st Year

Runner up of the event: Shreya Bhardwaj – CSE : 3rd Year

The event was successfully conducted. HOD-ECE, Dr. Monika Jain and other faculties congratulated the winners and also appreciated the efforts of all the participating students.

Program Outcomes:

It was very informative and knowledge enriching competition for the participants.

For social Media:

On 24th April, 2023, our students' activity club "Envision" Department of Electronics & Communication Engineering of I.T.S. Engineering College, organized one day Technical Quiz competition to improve the students' technical proficiency, to increase knowledge and competitive spirit. In the competition, more than 50 students of different branches and different years were registered and participated with great enthusiasm. The winners of the event were felicitated with certificates and attractive gifts. All participants were also felicitated with certificates.

The winner of the event : Ankit Mishra – ECE : 1st Year

Runner up of the event: Shreya Bhardwaj – CSE: 3rd Year

. HOD-ECE, Dr. Monika Jain and other faculties congratulated the winners and also appreciated the efforts of all the participating students.

DEPARTMENT OF ECE ENVISION CLUB

Organising **Technical Quiz Competition**

On
24TH APRIL 2023 MONDAY
2:30 P.M to 3:30 P.M

**JOIN US FOR A CHANCE TO PROVE YOUR TALENT AND EARN THE TITLE OF CHAMPION,
ALONG WITH EXCITING REWARDS**

~Contacts~

VIKRAM JHA
88007 39865

UTKARSH SRIVASTAVA
94530 10488









Department of Electronics & Communication Engineering

Training Report

Name of Event: Placement Training and Summer Internship Programs on “Aptitude & Reasoning Training”

Date of Event: 30th June to 11th July, 2023 (10 Days, 60 hours)

Organized by: CRC, Department of I.T.S Engineering College.

Department Coordinator: Manju Singh (Assistant Professor-ECE)

Trainers: Zeniths consultants.

Objective: These training programs to strengthen the placements of our B.Tech. 3rd year students going to final and this program will improve technical skills, give practical exposure, and prepare for the industry which is the essential parameters to crack any high paying jobs in present-day scenario.

Report:-

In this training program, Pre-Assessment Test was conducted before the start of the program. It helps students to identify their current level of understanding of various topics and also enables them to identify their weak areas. Analysis Report helps to understand the areas that students find difficult & to make necessary amendments in teaching strategies. In training the contents for

Quantitative Aptitude Number Systems as follows

- Percentages
- Simple & Compound Interest
- Profit Loss & Discount
- Ratio
- Proportion
- Time, Speed & Distance
- Time & Work
- Algebra
- Geometry
- Permutations & Combinations
- Probability.

Reasoning Series

- Coding Decoding
- Missing values in figure
- Blood Relations
- Cubes, Dice
- Directions, Counting in figure
- Arrangements, Ranking
- Puzzles, Games & Sports
- Set Theory, Syllogisms
- Verbal Ability Vocabular.

Post-Assessment Test is conducted after the completion of the training module. Tests based on actual pattern of various employability.

Course Outcomes

At the end of this training students will

- Grasping fundamental reasoning and quantitative aptitude concepts.
- Employing acquired knowledge to tackle company-specific reasoning and quantitative aptitude tests.
- Evaluating problems and employing logical reasoning to interpret and address diverse situations.
- Comprehending the fundamental principles of quantitative ability.
- Grasping the essential principle of logical reasoning.

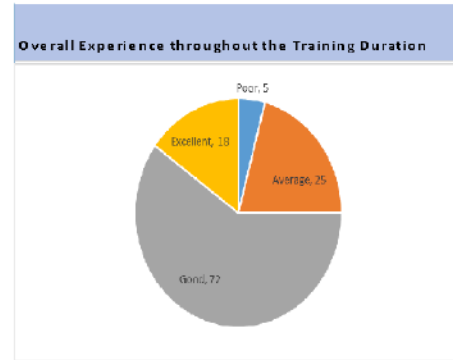




Summary feedback over all

Solutions Training Summary - 120		Student Feedback_1		03-
Question	Branch	Total	%	Total Student
Overall Experience throughout the Training Duration	Poor	5	4.17	120
	Average	25	20.83	
	Good	72	60.00	
	Excellent	18	15.00	
How would you rate Trainer's problem solving & teaching abilities?	Poor	2	1.67	
	Average	20	16.67	
	Good	73	60.83	
	Excellent	25	20.83	
Are you happy with you Decision to attend the training conducted by RCPL	No	21	17.50	
	Yes	99	82.50	
How would you rate the knowledge imparted during the Training?	Poor	4	3.33	
	Average	25	20.83	
	Good	67	55.83	
	Excellent	24	20.00	
How would you rate the effectiveness of delivery by the Trainer/Expert communication skills & presentation?	Poor	7	5.83	
	Average	21	17.50	
	Good	66	55.00	
	Excellent	26	21.67	

	Poor	Average	Good	Excellent
Q1	4.17	20.83	60	15
Q2	1.67	16.67	60.83	20.83
Q4	3.33	20.83	55.83	20
Q5	5.83	17.5	55	21.67
	15	75.83	231.66	77.5
Mean	3.8	19.0	57.9	19.4



Attendance

Zenith Training Attendance 30-06-2023							
Sr. No.	Branch	Section	Total Count	Morning Present Student	Evening Present Student	Morning Present %	Evening Present %
1	CSE	A	66	42	38	63.64	57.58
2		B	66	30	26	45.45	39.39
3		C	66	44	35	66.67	53.03
6	ECE	A	21	16	17	76.19	80.95
7	ME	A	9	4	4	44.44	44.44
8	CE	A	18	0	0	0.00	0.00
Total			246	136	120	55.28	48.78

Zenith Training Attendance 01-07-2023							
Sr. No.	Branch	Section	Total Count	Morning Present Student	Evening Present Student	Morning Present %	Evening Present %
1	CSE	A	66	45	42	68.18	63.64
2		B	66	24	24	36.36	36.36
3		C	66	39	33	59.09	50.00
6	ECE	A	21	16	16	76.19	76.19
7	ME	A	9	3	2	33.33	22.22
8	CE	A	18	0	0	0.00	0.00
Total			246	127	117	51.63	47.56

Zenith Training Attendance 03-07-2023							
Sr. No.	Branch	Section	Total Count	Morning Present Student	Evening Present Student	Morning Present %	Evening Present %
1	CSE	A	66	51	49	77.27	74.24
2		B	66	40	41	60.61	62.12
3		C	66	46	42	69.70	63.64
6	ECE	A	21	15	15	71.43	71.43
7	ME	A	9	6	6	66.67	66.67
8	CE	A	18	1	0	5.56	0.00
Total			246	159	153	64.63	62.20

Department of Electronics & Communication Engineering

Training Report

Name of Event: Placement Training and Summer Internship Programs on “Data Structure & Algorithm Using C”

Date of Event: 14th July to 31st July, 2023 (11 days, 60 Hours)

Organized by: CRC, Department of I.T.S Engineering College.

Department Coordinator: Manju Singh (Assistant Professor-ECE)

Trainers: Mr. Rajeev Kumar Gupta, Mr. Anoop Kumar Verma and Mr. Damodar Swami, RPCL (Ritusha Consultant Pvt. Ltd.) .

Objective: These training programs to strengthen the placements of our B.Tech. 3rd year students going to final and this program will improve technical skills, give practical exposure, and prepare for the industries which are the essential parameters to crack any high paying jobs in present-day scenario.

Content Delivered:

Data Structure & Algorithms using C (60 Hours)			
S. No.	Topic	Sub topic	Hours
1	Introduction to Data structures	What are Data structures	3 hours
		Need of Data structures	
		Types of Data structures	
		Characteristics of Data structures	
		time complexity and space complexity	
		Implementation of Data structures	
2	Data types in C	Data types and ADT	3 hours
		Storage class	
		Type Casting	
		Operators & types of operators	

3	Pointer & Dynamic Memory allocation in c	Declaration & Initialization of Pointer	3 hours
		Pointer Expression, Scale Factor	
		Constant Pointer, Generic Pointer	
		Pointer with Array, string, structure	
		Malloc, calloc, free function for dyanamic allocation	
4	Algorithims & Algo. Analysis	Algorithm, Pseudo Code, Flowchart, source code	6 hours
		Algorithm Analysis	
		Asymtotic Analysis	
		Asymtotic Notations (Big O, Omega, Theta)	
5	Array and Matrices	Arrays	6 hours
		One Dimension Array	
		Multi Dimension Array	
		Matrices operations	
6	Linked List	Building Linked List	12 hours
		Traversing Linked List	
		Inesertion, Deletion in Linked List	
		Searching & sorting in Linked List	
		Doubly Linked List	
		Circular Linked List	
7	Stacks	Representation of stacks	9 hours
		Static Representation	
		Dyanmic Representation	
		Uses of Stack	
8	Queues	Implementation of Queues	12 hours
		Circular Queues	
		DE Queue	
		Uses of Queue	
9	Trees	Introduction to trees	6 hours
		Binary Trees	
		Binary search trees	
		Traversing Binary Trees	
		AVL Trees	

Assessment Procedure of Training Programs

The assessment Procedure of training program is a combination of MCQ using Google Forms as well as execution of programs.

- Evaluation shall be done based on the performance in the ten Assessments.
- Tests with 50 Marks each.
- Ten tests shall be conducted.
- The duration of assessment shall be 50 minutes each.
- The pattern of question paper decided by the respective trainers.

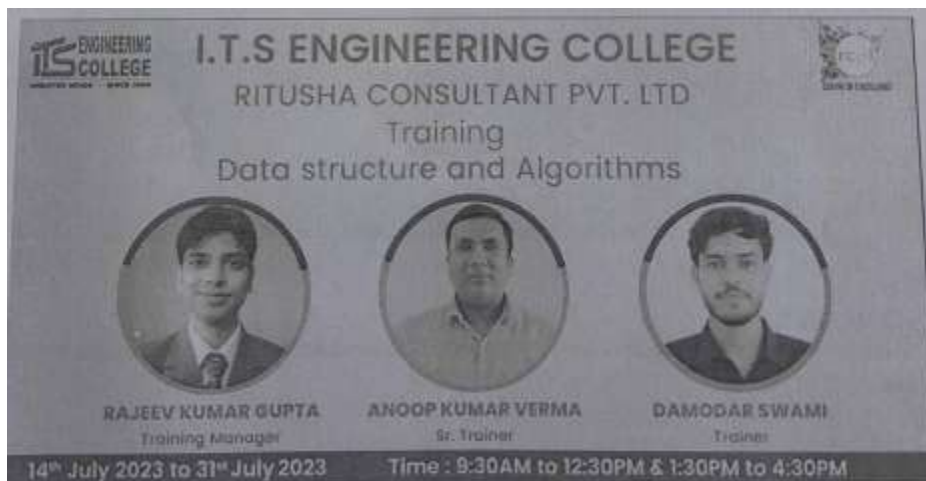
Passing Criteria

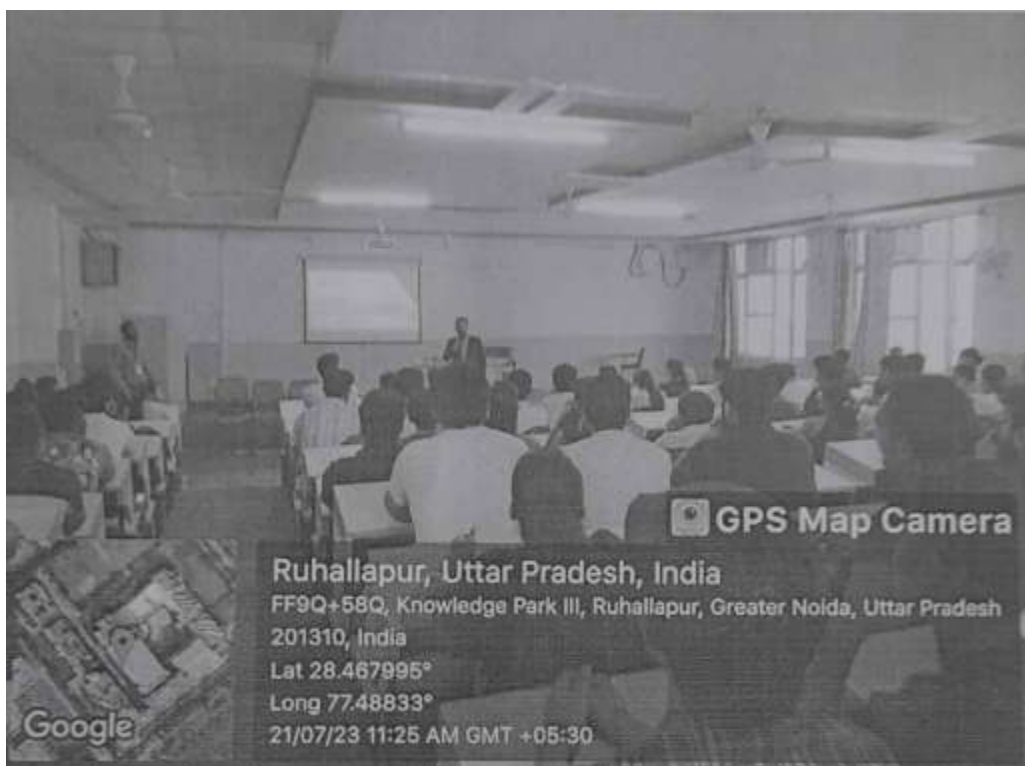
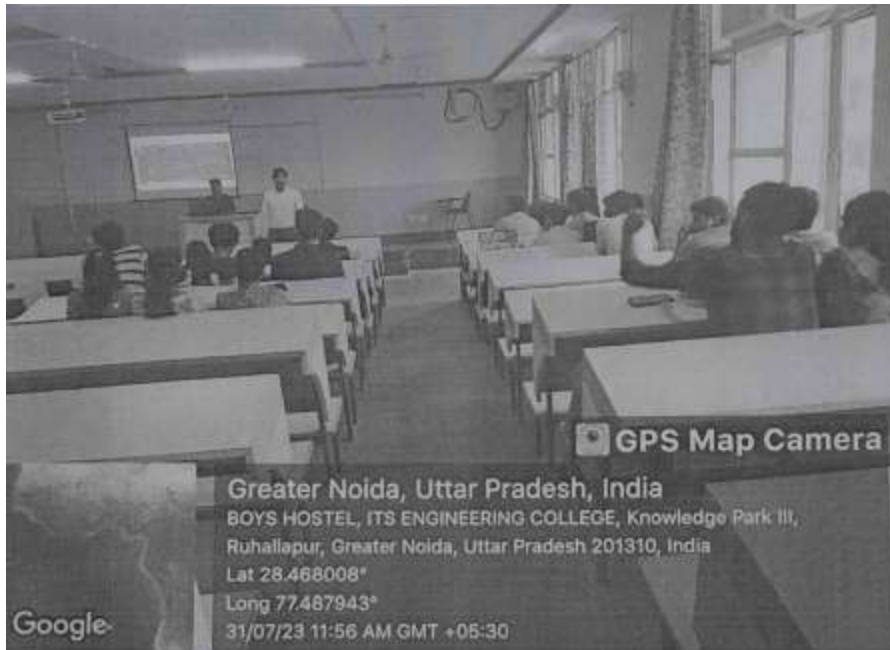
All students who have a 75% attendance, completed all the class assignments and participated in all the quizzes have qualified the Data Structure and training Programme.

Course Outcomes

At the end of this training students will

- Ready for interviews and coding challenges: Learning data structures helps students perform well in coding challenges, especially in context of software engineering.
- Data structures help students comprehend how data is organized, stored and accessed in computer memory.
- By learning about different data structures, students can analyze and compare their time and space complexities.
- Data structures provide a foundation for solving various programming challenges and real world problems.





Work Report

Name of the Event- Workshop on “Industrial Application of IoT”

Date of the Event- 19 April 2023

Organized by- Institution’s Innovation Council, ITS Engineering College Greater Noida in association with EEE & ECE Department.

Resource Person: - Dr. Arvind Kumar Pandey, Director, Buddha Institute of Technology, Gida, Gorakhpur

Venue of the Event- National Instruments Centre of Excellence

No. of Participants-

- Students: 44
- Faculty: 11

Objective of the Event- To provide hands on skill on Industrial IoT

Report-

Institution's Innovation Council (IIC) of ITS Engineering College in association with EEE & ECE Department organized on Workshop on “Industrial Application of IoT” on 19th April 2023, Wednesday. The event started with welcome address by Dr. Monika Jain, Professor & Head- ECE& EEE ITSEC Greater Noida. The Resource Person Dr. Arvind Kumar Pandey, Director, Buddha Institute of Technology, Gida, Gorakhpur first explained the basics of IoT and Robotics. He then discussed the building block and circuit diagram of IoT based industrial projects. He demonstrated modeling simulation and analysis of Electronics Components and Arduino based innovative projects which can provide solution to different societal problems. He also motivated students to enhance their hands on and project based learning skill to become employable.

Dr. Rajiv Ranjan, IIC Convener, ITSEC, concluded the event and gave the vote of thanks.

Learning outcome: Participants enhanced their skill in IoT.

Conclusion: The event was very fruitful to improve project based learning skill of the participants.

SM Links:

<https://www.facebook.com/560321492802193/posts/615631420604533>

<https://twitter.com/ITSEngggn/status/1648306601739300864>

<https://www.linkedin.com/feed/update/urn:li:share:7054072293072805888>

<https://www.instagram.com/p/CrLY7gBvZCL/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgIDR5P3mTg>

Event Pictures:





INSTITUTION'S INNOVATION COUNCIL
I.T.S ENGINEERING COLLEGE

GREATER NOIDA

in association with

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

organizing

WORKSHOP

ON

Industrial Application of IoT



GUEST

DR. ARVIND KUMAR PANDEY

Director,
Buddha Institute of Technology, Gida,
Gorakhpur, U.P.



WEDNESDAY
19th April 2023



2:00PM to 4:50PM



/itsenggggn

www.itsengg.edu.in

Dr. Rajiv Ranjan
Assistant Professor, EEE Dept.
IIC Convener
(Event Coordinator)

Name of Event: 1 Day Workshop on “Emerging Trends in Embedded System & IoT”

Date of Event: May 1, 2023

Organized by: e-Yantra Innovation Centre Department of ECE

Event Coordinator: Ms. Pragati Tripathi (Assistant Professor- Department of Electronics & Communication Engineering)

Speaker: Mr. Arun Kumar, Director - Phytech India Pvt Ltd., Mr. Kaushlendra Kumar - Managing Director - Phytech India Pvt. Ltd.

Objective: The workshop was organized with the objective of promoting the awareness and understanding of Embedded and IoT in students.

Report: The Department of Electronics & Communication has organized a workshop on "**Emerging Trends in Embedded System & IoT**". The session has started with the felicitation ceremony of speakers. The speaker of the event was Mr. Arun Kumar, Director - Phytech India Pvt Ltd., Mr. Kaushlendra Kumar - Managing Director - Phytech India Pvt. Ltd. The speakers talked about the concepts of IoT in different real time applications. He also showed the rugged board which is made in India. They also discussed about different communication protocols used in IOT for data transfer. They gave a brief introduction about cloud computing. They showed the various projects on IoT. The workshop was knowledgeable for the students as they have learnt the concept of IoT and cloud computing with their applications in the real world.

It's a global network infrastructure, linking physical and virtual objects using cloud computing, data capture, and network communications. It allows devices to communicate with each other, access information on the Internet, store and retrieve data, and interact with users, creating smart, pervasive and always-connected environments. The Internet of Things (IoT), sometimes referred to as the Internet of Objects, will change everything— including ourselves. This may seem like a bold statement, but consider the impact the Internet already has had on education, communication, business, science, government, and humanity. Clearly, the Internet is one of the most important and powerful creations in all of human history. Now consider that Internet of Things represents the next evolution of the Internet, taking a huge leap in its ability to gather, analyze, and distribute data that we can turn into information, knowledge, and, ultimately, wisdom. In this context, Internet of Things becomes immensely important.

Program Outline: In this Workshop, how machine to machine connectivity is rapidly growing everywhere was discussed. Also, the business benefits for connected devices and assets for remote location connectivity are instantly cleared.

No. of Students attended: 72

Faculty attended: 05

Timing: 1.30 pm - 3.00 pm

Banner:



ITS ENGINEERING COLLEGE
GREATER NOIDA SINCE 2006

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education, India)

IIT Bombay @yantra
Engineering a better tomorrow

IEEE
Student Branch UP-ITS ECGN

**Department of Electronics & Communication Engineering
I.T.S ENGINEERING COLLEGE, GREATER NOIDA
(NBA & NAAC Accredited)**

Organizes
Workshop
Emerging Trends in Embedded System & IOT



Mr. Arun Kumar Singh
Director
PHYTEC EMBEDDED PVT. LTD.

Monday, 01st May 2023

8x4 (1 pc)



ITS ENGINEERING COLLEGE
GREATER NOIDA

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education, India)

IEEE @yantra
Student Branch UP-ITS ECGN

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING
ITS ENGINEERING COLLEGE
GREATER NOIDA
organizes
WORKSHOP
on
“Emerging Trends in Embedded
System & IOT”**



SPEAKER
MR. ARUN KUMAR SINGH
Director,
PHYTEC EMBEDDED PVT. LTD.

MONDAY, 01- MAY-2023

RAMAN HALL, 1.30-3.00 PM

f i y t i n /itsengggn

www.itsengg.edu.in

List of Participants:

1. Abhinav Kumar Kanth
2. Abhishek Yadav
3. Aman Pratap Singh
4. Ambika
5. Ayush Raj
6. Divya Verma
7. Harshit Mishra
8. Kanchan Gupta
9. Kashish Solan
10. Kavita Yadav
11. Komal Nagar
12. Lokesh Bisht
13. Prashant Kumar
14. Rahul Raj
15. Raju Kumar
16. Sanjeev Kumar
17. Suman Kumar
18. Umesh Kumar
19. Vikram Kumar
20. Parveen
21. Prashant
22. Navdeep Thakur
23. Deepak Mandal
24. Vivek Kumar
25. Rahul Yadav
26. Abhay Chauhan
27. Piyush Kumar
28. Sonu Kumar
29. Aditya
30. Mann Kumar
31. Aditya Kumar Yadav
32. Prabhat Kumar Mishra
33. Ankit Kumar
34. Harsh
35. Aniket Srivastava
36. Abhishek Patel
37. Aditya
38. Vishnu Kumar
39. Krish Saini
40. Saket Kumar
41. Vikas Manraj
42. Aadarsh
43. Abhay Sharma
44. Abhimanyu Kumar
45. Abhishek Kumar
46. Aditya Rana
47. Aditya Shankar
48. Akmal Hussain
49. Alok Kumar Singh
50. Ashwin Yadav
51. Avinash B Roy
52. Bhumika Pal
53. Devraj Singh
54. Gautam Negi
55. Harshit Raj
56. Kapil
57. Md Gulab Nabi
58. Imam
59. Md Tausif Raja
60. Nikhil Raj
61. Rakesh Kumar
62. Riya Chaudhary
63. Sahwag Raj
64. Sahzaad Bhatti
65. Shivam Kumar Yadav
66. Abhishek Sharma
67. Adarsh Kumar Mishra
68. Deepanjan
69. Shlab Kumar
70. Abdul Hasib
71. Suraj Kumar
72. Md. Aamir Raza

Workshop Pictures:







PHYTEC IoT Products

SMART GRID

GPS Map Camera

Ruhallapur, Uttar Pradesh, India
FF9Q+58Q, Knowledge Park III, Ruhallapur, Uttar Pradesh
201310, India
Lat 28.46795°
Long 77.488342°
01/05/23 02:27 PM GMT +05:30

Google



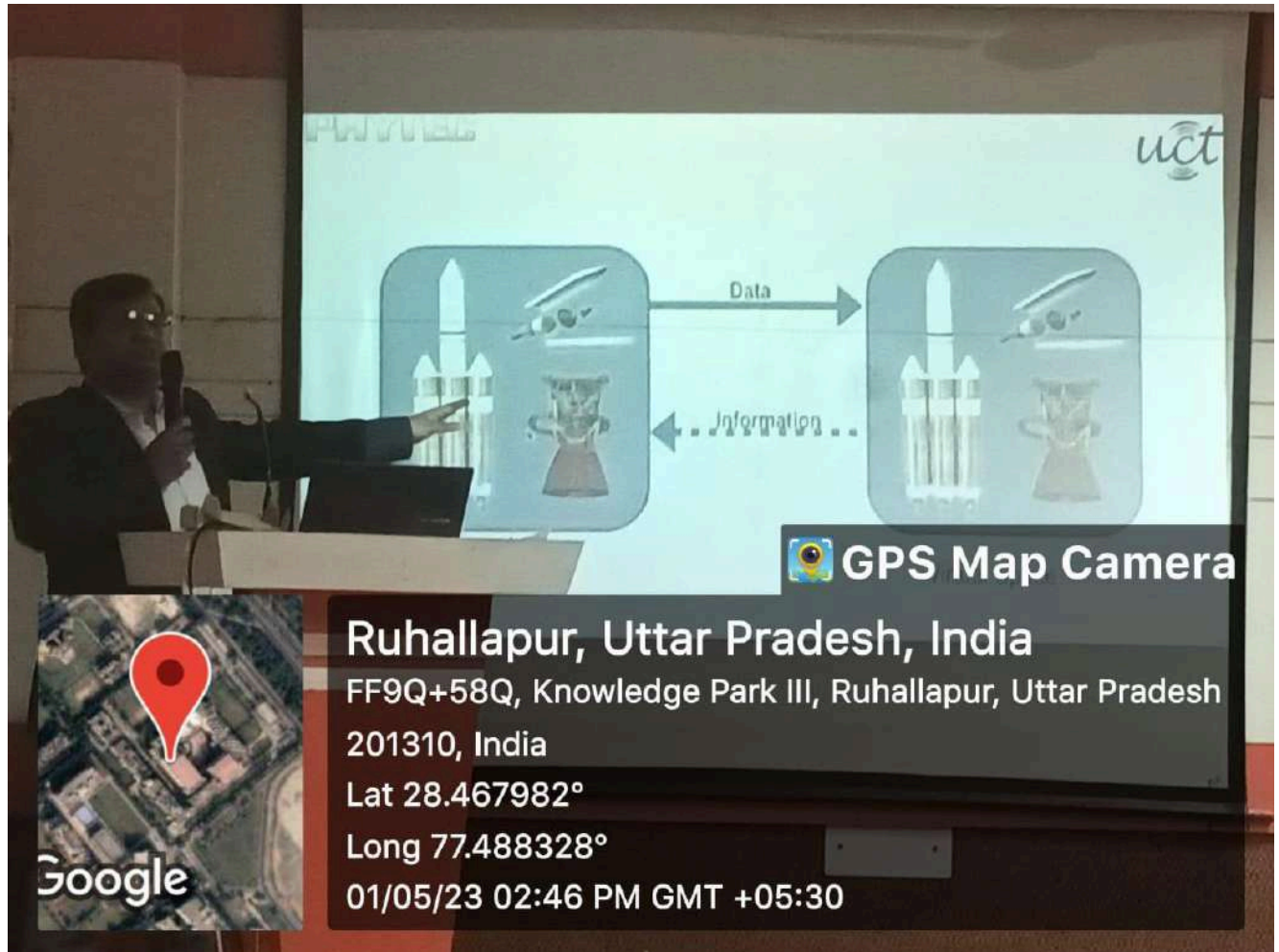


GPS Map Camera

Ruhallapur, Uttar Pradesh, India
FF9Q+58Q, Knowledge Park III, Ruhallapur, Uttar Pradesh
201310, India
Lat 28.467989°
Long 77.488315°
01/05/23 02:33 PM GMT +05:30

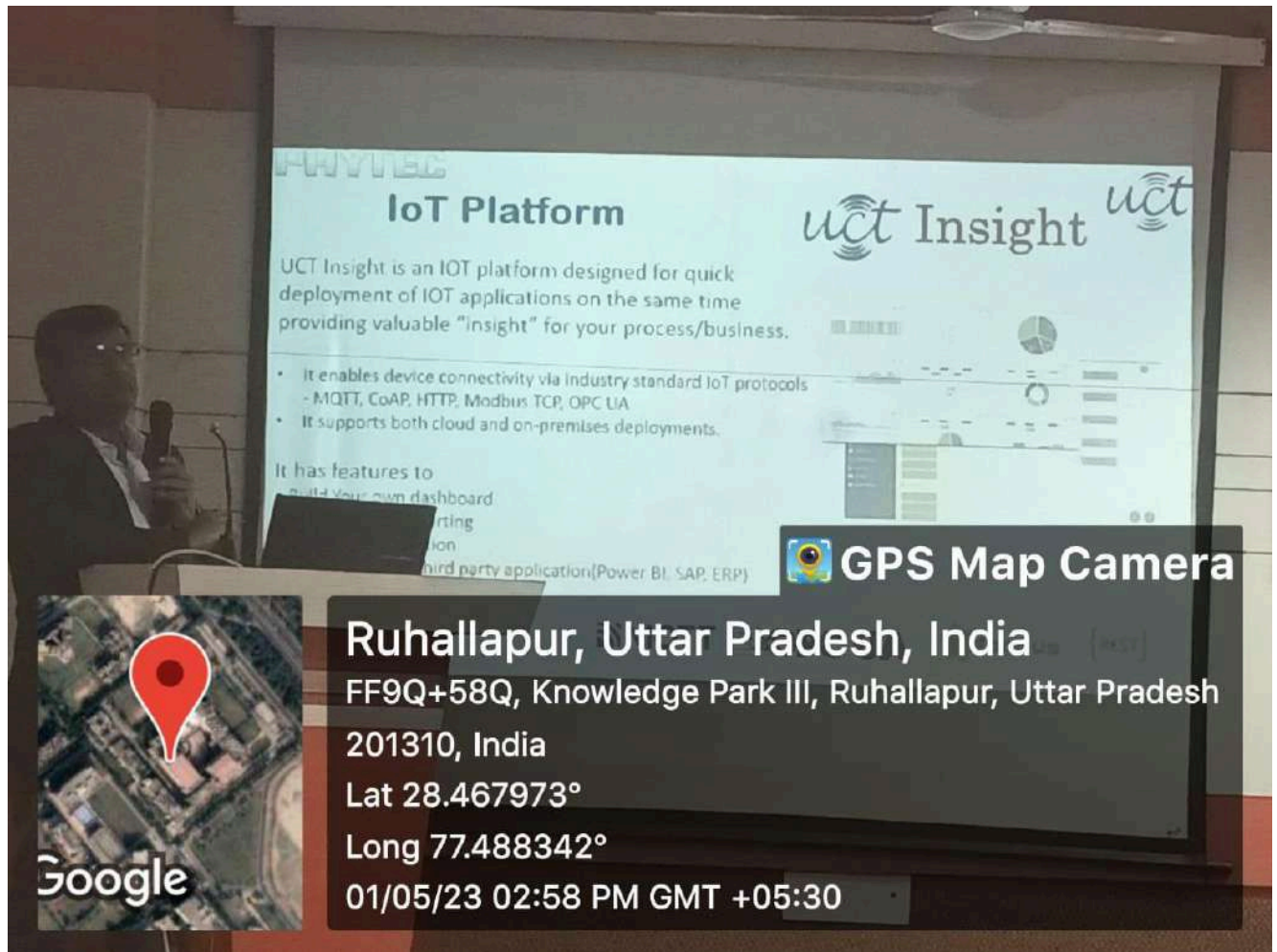
Google





GPS Map Camera

Ruhallapur, Uttar Pradesh, India
FF9Q+58Q, Knowledge Park III, Ruhallapur, Uttar Pradesh
201310, India
Lat 28.467982°
Long 77.488328°
01/05/23 02:46 PM GMT +05:30



IoT Platform

uct Insight

uct

UCT Insight is an IOT platform designed for quick deployment of IOT applications on the same time providing valuable "insight" for your process/business.

- It enables device connectivity via industry standard IoT protocols - MQTT, CoAP, HTTP, Modbus TCP, OPC UA
- It supports both cloud and on-premises deployments.

It has features to

- Build your own dashboard
- Starting
- ion
- third party application(Power BI, SAP, ERP)

GPS Map Camera

Ruhallapur, Uttar Pradesh, India

FF9Q+58Q, Knowledge Park III, Ruhallapur, Uttar Pradesh 201310, India

Lat 28.467973°

Long 77.488342°

01/05/23 02:58 PM GMT +05:30

Google



 **GPS Map Camera**

Ruhallapur, Uttar Pradesh, India

FF9Q+58Q, Knowledge Park III, Ruhallapur, Uttar Pradesh

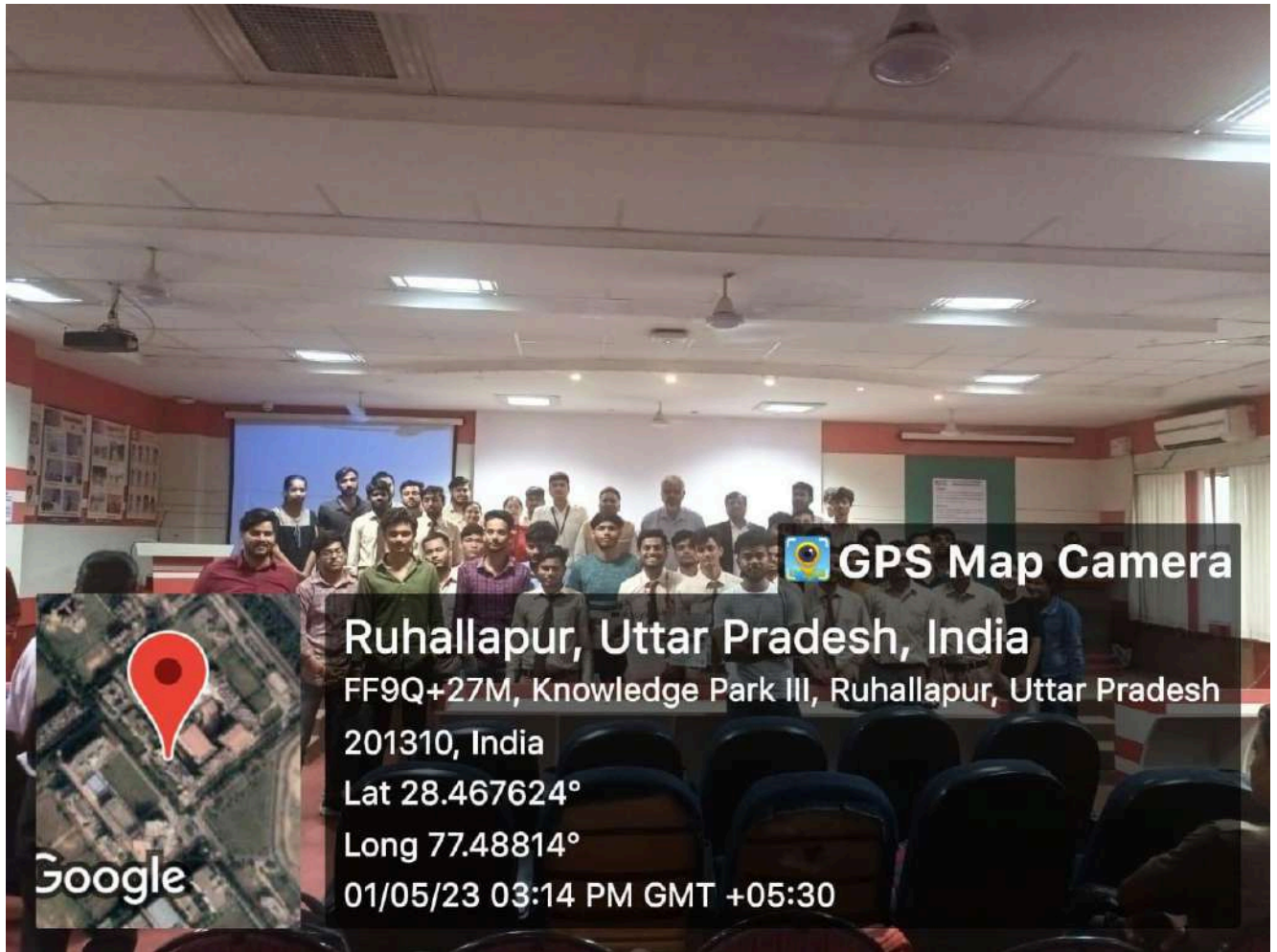
201310, India

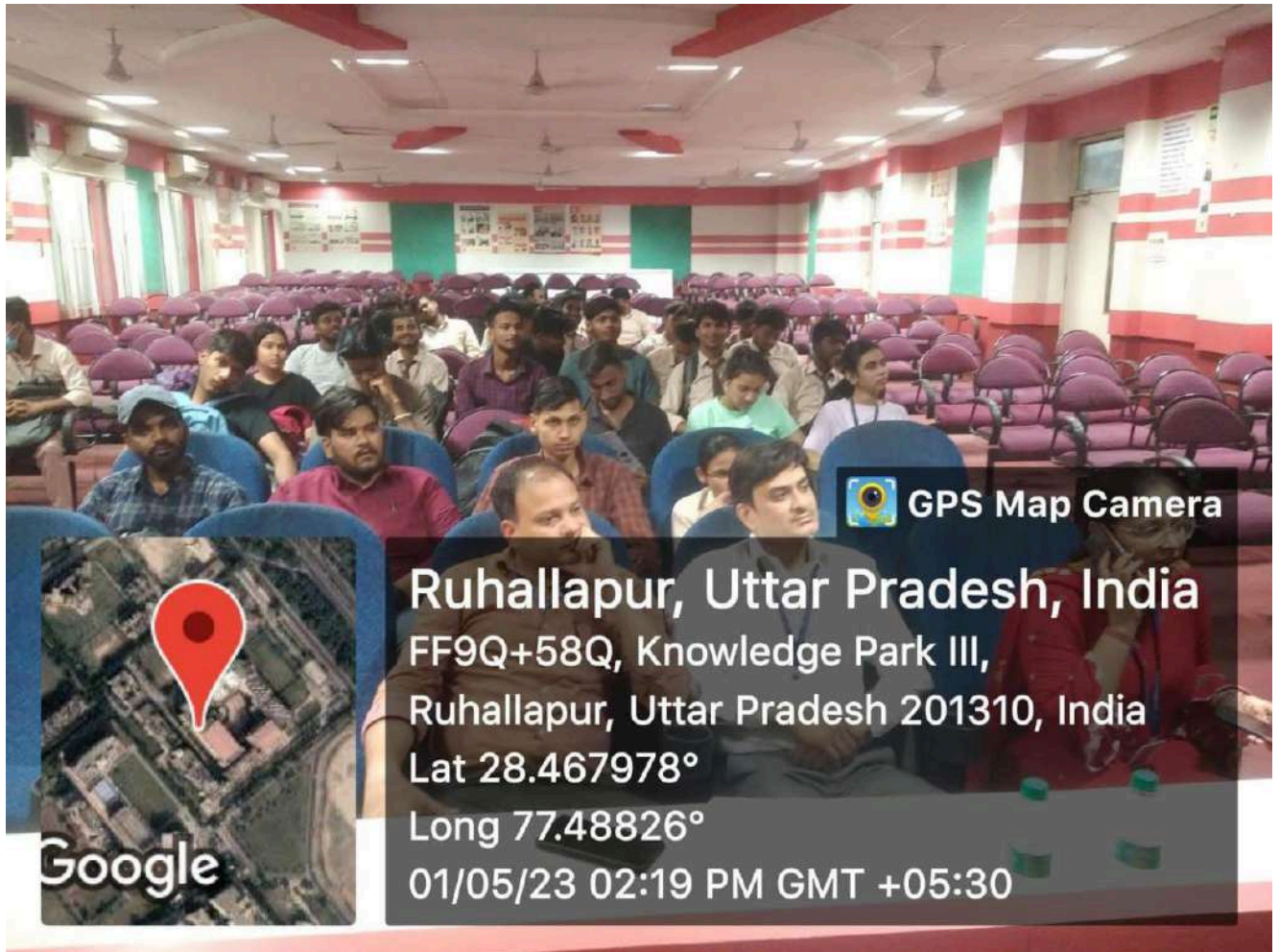
Lat 28.46799°

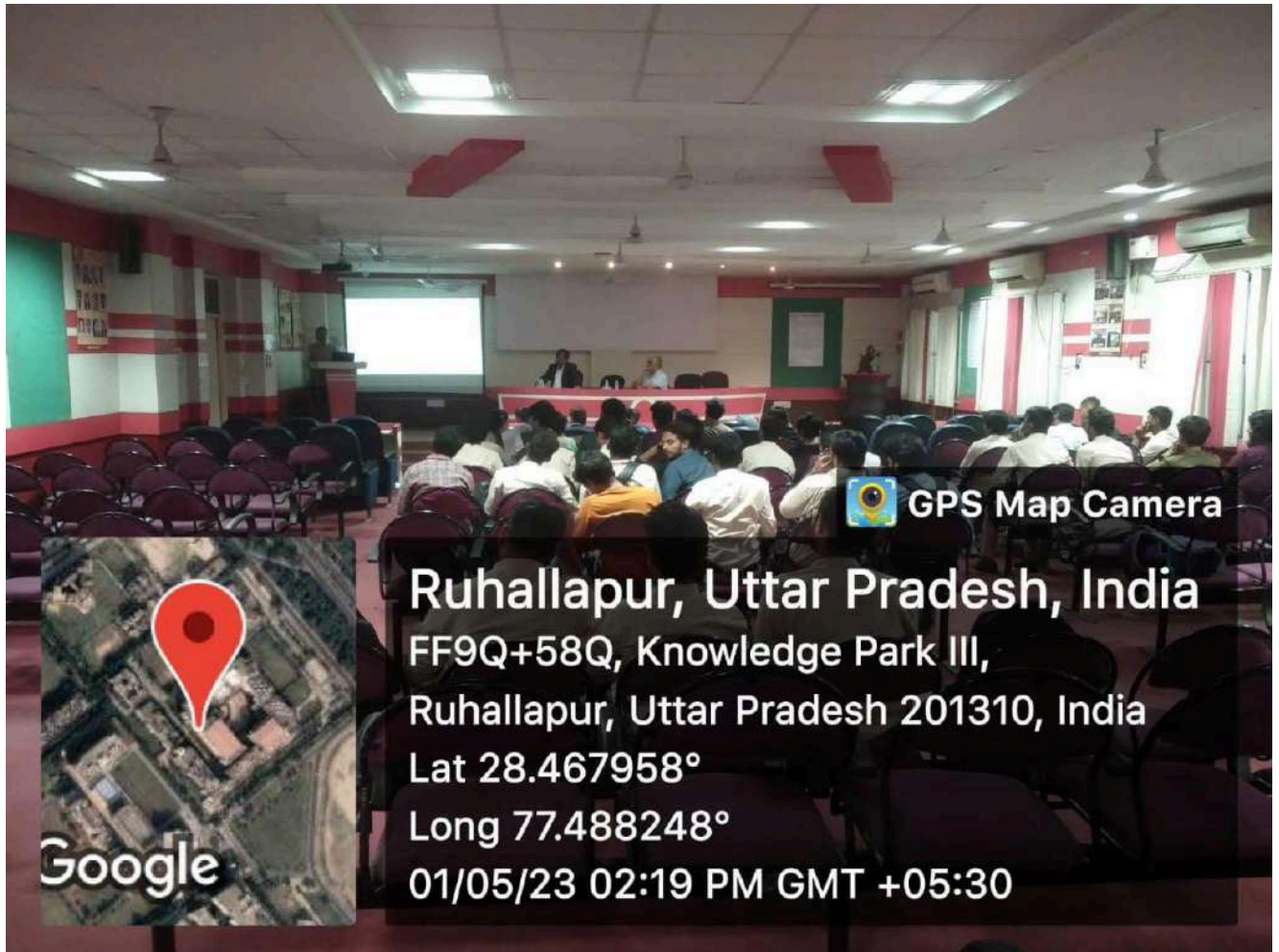
Long 77.488318°

01/05/23 03:04 PM GMT +05:30









Social Media Links:

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<https://www.instagram.com/p/Cr3FnLRueHS/>

https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgIDRp_ngvgE

Coordinator
(Ms. Pragati Tripathi)

FACULTY DEVELOPMENT PROGRAM (ATTENDED)

2022-23					
S. No.	Faculty Name	Title Of FDP	Date Of FDP	Duration Of FDP	Venue
1	Dr. Monika Jain	VLSI Devices and Circuits for AI Applications	09-19-2022 To 09-23-2022	One Week	GCET, Gr. Noida Sponsored by NITTTR, Chandigarh
2	Dr. Monika Jain	Advances in Electrical and Electronics Engineering	11-14-2023 To 11-18-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh
3	Dr. Monika Jain	MATLAB - Artificial Intelligence and Optimisation Techniques	11-21-2023 To 11-25-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh
4	Dr. Setu Garg	IoT Enabled PLC	10-10-2023 To 10-14-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh
5	Dr. Setu Garg	Power Electronics for Renewable Energy Applications	10-31-2023 To 11-04-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh
6	Dr. Setu Garg	Advances in Electrical and Electronics Engineering	11-14-2023 To 11-18-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh
7	Dr. Setu Garg	MATLAB - Artificial Intelligence and Optimisation Techniques	11-21-2023 To 11-25-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh

I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

Department of Electronics and Communication Engineering

8	Ms. Manju Singh	Block chain Technology and Its Applications	07-25-2022 To 07-30-2022	One Week	JIIT, Noida
9	Ms. Pragati Tripathi	Designing and Modelling of IoT, AI & ML Systems	08-01-2022 To 08-05-2022	One Week	ST Microelectronics, India Sponsored by ATAL
10	Ms. Pragati Tripathi	MATLAB - Artificial Intelligence and Optimisation Techniques	11-21-2023 To 11-25-2023	One Week	Chandigarh University, Sponsored by NITTTR, Chandigarh
11	Ms. Pragati Tripathi	Awareness of Electronic Tools for System Design	12-19-2022 To 12-24-2022	One Week	IEEE Sponsored, Sri SaiRam Institute of Technology, Chennai
12	Ms. Pragati Tripathi	Integration of WSN & IOT for agriculture	01-02-2023 To 01-13-2022	Two Weeks	JSSATE, Noida, Sponsored by ATAL



**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

MONIKA JAIN

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

VLSI Devices and Circuits for AI Applications

Conducted by

Electronics and Communication Engineering Department

from

19/09/2022 to 23/09/2022 (One Week)

at

Galgotias College of Engineering and Technology, Greater Noida



Coordinator

Director



Certificate No: ICT-18141/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

MONIKA JAIN

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

*Participated in the AICTE Recognized Faculty Development Programme
on*

Advances in Electrical and Electronics Engineering

Conducted by

Electrical Engineering Department

from

14/11/2022 to 18/11/2022 (Except 0, 0, 0, 0, 0)

at

Chandigarh University



P. V. V.
Coordinator

[Signature]
Director



Certificate No: ICT-18822/22

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

MONIKA JAIN

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

MATLAB - Artificial Intelligence and Optimisation Techniques

Conducted by

Electrical Engineering Department

from

21/11/2022 to 25/11/2022 (One Week)

at

Chandigarh University, Gharuan, Pb




Coordinator


Director



Certificate No: ICT-16279/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

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This is to certify that

DR. SETU GARG

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

IoT Enabled PLC

Conducted by

Electrical Engineering Department

from

10/10/2022 to 14/10/2022 (One Week)

at

Chandigarh University, Gharuan, Mohali, Punjab



Dr. Setu Garg

Coordinator

[Signature]

Director



Certificate No: ICT-16702/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

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DR. SETU GARG

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

Power Electronics for Renewable Energy Applications

Conducted by

Electrical Engineering Department

from

31/10/2022 to 04/11/2022 (One Week)

at

Chandigarh University



Shim S.L.
Coordinator

[Signature]
Director



Certificate No: ICT-18148/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

DR. SETU GARG

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

*Participated in the AICTE Recognized Faculty Development Programme
on*

Advances in Electrical and Electronics Engineering

Conducted by

Electrical Engineering Department

from

14/11/2022 to 18/11/2022 (Except 0, 0, 0, 0, 0)

at

Chandigarh University



P. V. V.
Coordinator

[Signature]
Director



Certificate No: ICT-18830/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that



DR. SETU GARG

**ITS ENGINEERING COLLEGE, GREATER NOIDA
UTTAR PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

MATLAB - Artificial Intelligence and Optimisation Techniques

Conducted by

Electrical Engineering Department

from

21/11/2022 to 25/11/2022 (One Week)

at

Chandigarh University, Gharuan, Pb




Coordinator


Director



**JAYPEE INSTITUTE
OF INFORMATION
TECHNOLOGY, NOIDA**

**(Declared Deemed to be
University under Section 3 of
UGC Act)**

Reference No.

CSE/BTA-2022/039

Certificate of Participation

It is to certify that MS. MANJU SINGH of I.T.S. ENGINEERING COLLEGE , GREATER NOIDA has participated in One Week Online Faculty Development Programme (FDP) on **Blockchain Technology and Its Applications (BTA'22)**, organized by the Department of Computer Science & Engineering and IT, Jaypee Institute of Information Technology, Noida from **25th July** to **30th July 2022** and have successfully completed it.



Dr.P. Raghu Vamsi Prof. Vikas Saxena FDP Coordinator HOD (CSE&IT)



This is to certify that

Pragati Tripathi

from

I.T.S. Engineering College

has participated in the workshop

Designing and Modelling of IoT, AI & ML Systems

Organized by – All India Council for Technical Education (AICTE),
ATAL Academy, Arm Education and STMicroelectronics
from August 1st to 5th 2022

Mamta Rani Agarwal
Advisor-I,
ATAL Academy

Arnaud Julienne
Vice President,
Microcontrollers and Digital ICs Group,
IoT/AI Competence Center and Digital Marketing,
China and APAC, STMicroelectronics

Guru Ganesan
Managing Director and President,
Arm India

Dr Khaled Benkrid
Senior Director,
Education and Research,
Arm Ltd



Certificate No: ICT-18818/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

PRAGATI TRIPATHI

**ITS ENGINEERING COLLEGE, KNOWLEDGE PARK-III
UTTAR PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

MATLAB - Artificial Intelligence and Optimisation Techniques

Conducted by

Electrical Engineering Department

from

21/11/2022 to 25/11/2022 (One Week)

at

Chandigarh University, Gharuan, Pb




Coordinator



Director



Sri

SAIRAM

INSTITUTE OF TECHNOLOGY

An Autonomous Institution

West Tambaram, Chennai - 44

www.sairamit.edu.in



Mr. Ramaprasad Maharana
Co-ordinator

Dr. Thamarai Selvi G
HOD/ECE

Dr. K. Palanikumar
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO,
Sairam Institutions



CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. / Mr. / Ms. Pragati Tripathi

of ITS Engineering College

has actively participated in the **IEEE sponsored 6 Days FDP on**

Awareness of Electronic Tools for System Design held from 19th to 24th December 2022.



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that PRAGATI TRIPATHI, Assistant Professor of ITS Engineering College participated & completed successfully AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on "Integration of WSN & IOT for agriculture" from 2023-01-02-2023-01-07 to 2023-01-09-2023-01-13 at JSS ACADEMY OF TECHNICAL EDUCATION.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

INDEX

Publication In Referred Journals

Sr. No	Title of paper	Name of Author	Name of Journal	Page No.	Year	DOI	Indexing
1	Enhancing and Optimising Solar Power Forecasting in Dhar District of India using Machine Learning	Prabhakar Sharma, RK Mishra, P Bhola, S Sharma, G Sharma, RC Bansal	Smart Grids and Sustainable Energy 9 (1), 16	Volume 9, Issue 1, p.16	Feb, 2024	https://link.springer.com/article/10.1007/s40866-024-00198-1	ESCI
2	An enhanced framework for identifying brain tumor using discrete wavelet transform, deep convolutional network, and feature fusion based machine learning techniques	R Mehrotra, MA Ansari, R Agrawal, H Al Ward, Pragati Tripathi , J Singh	International Journal of Imaging Systems and Technology	Volume 34, Issue 1, p.e2 2983	Nov, 2023	https://doi.org/10.1002/ijma.22983	SCIE
3	ECG Signals Classification for Arrhythmia Detection using Machine Learning Technique	Garima Chandel, Priyanka, Aastha Mehra, Setu Garg , Yogendra Narain	European Chemical Bulletin	Volume 12, Special Issue 6, p. 2879-2892	Dec, 2023	https://www.eurchembull.com/uploads/paper/c30c24b9f4f2907206baa4883cc06ffb.pdf	Scopus
4	A Review on Different Design Techniques of Current Mirrors	Shahid Khan , Agha Asim Husain	International Journal of Research and Analytical Reviews	Volume 10, Issue 1, Page No pp.772-779	March, 2023	http://www.ijrar.org/papers/IJRAR23A2710.pdf	UGC

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Book/Book Chapter Published

Sr. No	Title of Book/Book Chapter	Name of Author	Year & ISBN No.	ISBN/ DOI	Publisher
1	Approximated Sparsity Regularization Factor for Monaural Speech Separation	Dr. Setu Garg	2023-24	https://link.springer.com/chapter/10.1007/978-981-99-6550-2_20	LNNS, Vol. 787
2	Machine Learning - Based Smart Waste Management in Urban Area	Dr. Monika Jain	2023-24	https://link.springer.com/chapter/10.1007/978-981-99-5974-7_39	LNEE, Vol. 1078
3	Mobile & Wireless Communication	Prabhakar Sharma	2023-24	9798890673893	Notion Press
4	Machine Learning: Enabling Health Care	Dr. Setu Garg	2022-23	9789357572514	Scientific International Publishing House

**SCIENTIFIC INTERNATIONAL PUBLISHING
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Government of India.
GSTIN: 33AKIPR5169F1ZY
UDYAM-TN-25-000518



Certificate of Publication

The editorial board of Scientific International Publishing House (SIPH) is hereby awarding this certificate to **Dr. SETU GARG** in recognition of the publication of the text book entitled "**MACHINE LEARNING: ENABLING HEALTH CARE**" published in first edition.

ISBN NO: 978-93-5757-251-4
Year of Allotment of ISBN: 2022



A. Jain
Editor-in-Chief

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Publication In Referred Journals

Research Act

2021-23

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An enhanced framework for identifying brain tumor using discrete wavelet transform, deep convolutional network, and feature fusion based machine learning techniques	R Mehrotra, MA Ansari, R Agrawal, H Ali Ward, Pragati Tripathi , J Singh	International Journal of Imaging Systems and Technology	Volume 34, Issue 1, p.e22983	Noy, 2023	https://doi.org/10.1002/ima.22983	SCIE
ECG Signals Classification for Arrhythmia Detection using Machine Learning Technique	Garima Chandel, Priyanka, Aastha Mehra, Setu Garg , Yogendra Narain	European Chemical Bulletin	Volume 12, Special Issue 6, p. 2879-2892	Dec, 2023	https://www.eurchembull.com/uploads/paper/c30c24b9f4f2907206baa4883cc06ffb.pdf	Scopus
A Review on Different Design Techniques of Current Mirrors	Shahid Khan, Agha Asim Husain	International Journal of Research and Analytical Reviews	Volume 10, Issue 1, Page No pp.772-779	March, 2023	http://www.ijrar.org/papers/IJRAR23A2710.pdf	UGC

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2	Machine Learning - Based Smart Waste Management in Urban Area	Dr. Monika Jain	2023-24	https://link.springer.com/chapter/10.1007/978-981-99-5974-7_39	LNEE, Vol. 1078
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Setu Garg

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ISBN NO: 978-93-5757-251-4
Year of Allotment of ISBN: 2022



A. Jain

Editor-in-Chief

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Claymore

Department of Electronics & Communication Engineering

Action Taken Report Session 2022-23 (Odd)

S. No	Points To be consider	Action Taken
1	Examination process for backlog papers/Re-evaluation process	HOD & Class Counselor expalin the examination and re-evaluation process for backlog papers.
2	More companies for campus interviews	Department is regularly discussing with CRC about the placement oppurtunities for the students.
3	Overall development of the student	Class counsellors/HOD described about all the activities conducted by department/college for overall developoment of students like industry visit/projects/cultural events/technical competition/Expert talk etc.
4	Personality development workshops	Skill bout training is conducted to develop technical and soft skill in students which enhances the overall personality of students.
5	Academic Performance of Students	Parents have been informed about the academic performance of their ward.

HOD
Dr. Monika Jain

Rayans

Department of Electronics and Communication Engineering

The department of Electronics & Communication Engineering organized a Parent –Teacher Meeting on Saturday 30th November, 2022 at 2 pm in Department seminar hall.

All Teaching and Non-teaching Staff, Parent's/Guardians' of Students of 2nd, 3rd and 4th Year, (Odd semester, Session 22-23) attended the meeting thus displaying enthusiastic interest among parents for the smooth working and progress of the institute.

The meeting was organized by the Head of the Department Dr. Monika Jain. She welcomed the entire faculty, staff members and the parents and introduced the faculty and staff members to the parents.

She then gave a briefing of the department profile and explained about the various facilities available in the department, research and academic activities.

Continuing the discussions, the Head gave the following suggestions to the parents to help improve their children's performance in the course:

- a) Avoiding shortage of attendance in classes
- b) Being punctual in attending classes
- c) Improving performance in internal exams
- d) Parents should have knowledge about the performance of their children in internals.
- e) The academic as well as the overall report of students that included issues on discipline, communication, use of mobile phone, academic performance and punctuality has put forwarded to parents.
- f) HOD encouraged parents to support their children to develop some values in life such as honesty and discipline. Parents should never encourage children to say some lies to get an excuse to go home. They should learn to adjust to live away from home.
- g) Parents should take care not to call them frequently to home as it disturbs their academic programs.
- h) HOD also focused on the expectation from the students in their academic as well as co curricular activities. She also highlighted the need of requirements necessary for the eligibility of writing university examination and the need for students to score good marks in their internal assessment.
- i) Information given to parents about result & attendance Parents were encouraged to communicate with Faculty members via phone/email to discuss any concerns that might assist the teacher in understanding the needs of the individuals.

Monika Jain

Department of Electronics and Communication Engineering

The following were some of the suggestions/Questions from the parents:

- Some parents asked about the examination process for backlog students and also asked about the re-evaluation process.
- Many Parents suggested that college should invite more and more companies for campus interviews.
- Some of parents asked to provide the guidance for the overall development of the student.
- Some of them talking about personality development workshops for students.
- Parents asked about the academic performance of their wards.
- Parents appreciated college for cooperating in all sense.

Present Faculty/Staff members:

- | | |
|---------------------------|-----------------------|
| 1. Dr. Monika Jain | : Head |
| 2. Dr. Setu Garg | : Associate Professor |
| 3. Ms. Manju Singh | : Assistant Professor |
| 4. Mr. Navneet Kumar | : Assistant Professor |
| 5. Mr. Agha Asim Husain | : Assistant Professor |
| 6. Mr. Prabhakar Sharma | : Assistant Professor |
| 7. Mr. Aditya Dayal Tyagi | : Assistant Professor |
| 8. Mr. Rakesh Garg | : Assistant Professor |
| 9. Mr. Shahid Khan | : Assistant Professor |
| 10. Mr. Dilip Pandey | : Lab technician |
| 11. Mr. Pramod Gupta | : Lab Technician |
| 12. Ms. Anju Rajput | : Lab Technician |



S. No	Roll No.	Student Name	Father Name	Sign
1	2002220310009	KASHISH SOLAN	PRADEEP SOLAN	<i>P. Solan</i>
2	2002220310011	KOMAL NAGAR	Rajeev Kumar	<i>Rajeev</i>
3	2002220310004	AMBIKA	ARUN KUMAR JHA	<i>A</i>
4	1902220310008	AVIRAL VARSHNEY	ASHOK KUMAR	<i>Ashok</i>
5	1902220310017	KSHITIJ UPMANYU	ANKUR SHARMA	<i>Ankur Sharma</i>
6	1902220310032	SACHIN	DEVENDER SINGH	<i>A</i>
7	1902220310034	SAUMYA	SHIV BAHADUR TIWARI	<i>Shiv Bahadur</i>
8	1902220310039	SHIVAM RAJPOOT	MURARI LAL	<i>Murari</i>
9	1902220310029	PRIYESH RAI	SATYENDRA RAI	<i>Satyendra</i>
10	1902220310027	PRAGATI RAI	SANJAY KUMAR RAI	<i>A</i>
11	1902220310025	PIYUSH BHARDWAJ	KULDEEP KUMAR SHARMA	<i>Kuldeep</i>
12	1902220310020	MOHD MUDASSIR	MOHD SAQUIB	<i>md. Saquib</i>
13	1902220310018	MADAN MOHAN KUMAR	CHANDRAGUPT PRASAD	<i>chandragupt</i>

L. Jayaraj

Department of Electronics & Communication Engineering

Action Taken Report Session 2022-23 (Even)

S. No	Points To be consider	Action Taken
1	Individual attention must be given to those students who have difficulty in coping with the difficult subjects	Mentors were allotted for every class who monitor his/her mentees individually and provide all possible solution for their problems.
2	Conduct remedial classes for slow learners/ poor performers	Remedial classes are conducted for slow learners.
3	Emphasize the students for self study	For self study library session has been included in time table, notes/assignments/question banks/previous year question papers are being given to students for self study.
4	Academic Performance of Students	Parents have been informed about the academic performance of their ward.

HOD
Dr. Monika Jain

Chyano

MINUTES OF MEETING – PTM

The department of **Electronics & Communication Engineering** organized a Parent –Teacher Meeting on Saturday 24th May, 2023 at 11 am in Department seminar hall.

All Teaching and Non-teaching Staff, Parent's/Guardians' of Students of 2nd, 3rd and 4th Year, (Even semester, Session 22-23) attended the meeting thus displaying enthusiastic interest among parents for the smooth working and progress of the institute.

The meeting was organized by the Head of the Department Dr. Monika Jain. She welcomed the entire faculty, staff members and the parents and introduced the faculty and staff members to the parents. She then gave a briefing of the department profile and explained about the various facilities available in the department, research and academic activities.

Continuing the discussions, the Head gave the following suggestions to the parents to help improve their children's performance in the course:

- a) Avoiding shortage of attendance in classes
- b) Being punctual in attending classes
- c) Improving performance in internal exams
- d) Parents should have knowledge about the performance of their ward in internals.
- e) Participate in extracurricular activities
- f) Be in discipline in classroom and in college
- e) Attend all the industrial visits/expert talk/seminar/webinar and other events seriously
- f) Parents were requested to advice their ward to be more responsible for their behavior and performance in academic activities.
- c) Information given to parents about result & attendance

Parents were encouraged to communicate with Faculty members via phone/email to discuss any concerns that might assist the teacher in understanding the needs of the individuals. Finally, the parents were requested to give a feedback on the program.



Department of Electronics and Communication Engineering

The following were some of the suggestions/Questions from the parents:

- Some parents suggested that individual attention must be given to those students who have difficulty in coping with the difficult subjects.
- Many Parents suggested conducting remedial classes for slow learners/ poor performers.
- Some parents requested to give notes and emphasize the students to study at home.
- Parents asked about academic performance of their wards.

PRESENT FACULTY/STAFF MEMBERS:

1. Dr. Monika Jain	: Head
2. Dr. Setu Garg	: Associate Professor
3. Ms. Manju Singh	: Assistant Professor
4. Mr. Navneet Kumar	: Assistant Professor
5. Mr. Agha Asim Husain	: Assistant Professor
6. Mr. Prabhakar Sharma	: Assistant Professor
7. Mr. Rakesh Garg	: Assistant Professor
8. Ms. Prachi Jain	: Assistant professor
9. Mr. Prashant Kumar	: Assistant professor
10. Mr. Shahid Khan	: Assistant Professor
11. Ms. Anju Rajput	:Lab Technician
12. Mr. Dilip Pandey	:Lab Technician
13. Mr. Pramod Gupta	:Lab Technician



S. No	Roll No.	Student Name	Father Name	Sign
1	1902220310005	AJAY PRASAD	HARI KRISHAN PUROHIT	<i>Hari</i>
2	1902220310007	AVINASH SINGH	SANJAY KUMAR SINGH	<i>Sanjay</i>
3	1902220310012	DEEPAK SHARMA	MR. HARIOM SHARMA	<i>Deepak</i>
4	1902220310016	KSHAMA SHAKTI	MUNEJ VERMA	<i>Munej</i>
5	1902220310019	MD.ADIL HUSSAIN	MD SHAMIM	<i>MD Shamim</i>
6	1902220310032	SACHIN	DEVENDER SINGH	<i>Devender</i>
7	1902220310017	KSHITIJ UPMANYU	ANKUR SHARMA	<i>Ankur</i>
8	2002220310001	Abhinav Kumar Kanth	Kishore Kumar Kanth	<i>Kishore</i>
9	2002220310004	Ambika	Arun Kumar Jha	<i>Arun Jha</i>
10	2002220310005	Ayush Raj	Om Prakash Rajak	<i>Om Prakash</i>
11	2002220310010	Kavita Yadav	Virendra Yadav	<i>Virendra</i>
12	2002220310017	Raju Kumar	Dev Kumar Mahto	<i>Dev</i>
13	2002220310022	Vikram Kumar Jha	Amod Jha	<i>Amod Jha</i>
14	2002220310006	Divya Verma	Yashwant Singh	<i>A</i>
15	2002220310007	Harshit Mishra	Ramakant Mishra	<i>A</i>
16	2002220310011	Komal Nagar	Amar Pal Singh	<i>Amar Pal</i>
17	2002220310014	Prashant Kumar	Krishan Kant Singh	<i>Krishan</i>

Prashant

Work Report

Name of Event : **Industrial visit** at EV India 2022 Expo (Electric Motor Vehicle Show).
India Expo Centre, Greater Noida UP

Date of Event : 9th September 2022

Organized by : ECE -ITS Engineering College- Greater Noida

Time of event : 11:00 to 5:00P.M

Event Coordinator : **Mr. Shahid Khan (Assistant Professor –ECE Department**

Report:

Electric Vehicles in India are here to solve much bigger issues like rising pollution and reduce oil dependency. “Since electric vehicles have a lower cost of operations, India is a very unique market as it is easy to attract fleet operators, public transportation and shared mobility platforms.

The next couple of years are crucial for the Indian electric vehicle industry as the market is poised to grow like never before .The electric vehicle (EV) market is likely to be a Rs 50,000-crore opportunity in India by 2025, with two- and three-wheelers expected to drive higher electrification of the vehicles in the medium term.

EVs have 90% fewer moving parts than an ICE (Internal Combustion Engine) car. Here's a breakdown of the parts that keep an EV moving:

- **Electric Engine/Motor** - Provides power to rotate the wheels. It can be DC/AC type; however, AC motors are more common.
- **Inverter** - Converts the electric current in the form of Direct Current (DC) into Alternating Current (AC)
- **Drivetrain** - EVs have a single-speed transmission which sends power from the motor to the wheels.
- **Batteries** - Store the electricity required to run an EV. The higher the kW of the battery, the higher the range.
- **Charging** - Plug into an outlet or EV charging point to charge your battery.

Keeping in view the potential of electric vehicles in upcoming days and from job perspective in future for students, Department of ECE organized one day industrial visit at **EV India 2022 Expo**, India Expo Centre, Greater Noida UP. It is an International Electric Motor Vehicle Show provides the opportunity and platform to students to get an exposure on latest EV Products, technology and equipment, Smart and NextGen transport, electric passengers cars, scooter, motorcycle, cycles, buses etc.

Students were briefed by the representative of different companies about their products and technologies they are using. Also they got an excellent exposure of the parts are using in manufacturing different kind of electric vehicles like batteries, hub motors, electronic control unit, brake assembly and display unit etc.

The various exhibitors profile is as follows –

- Electric Car
- Electric Scooter
- Electric Motorcycle
- Electric Cycle
- Electric Bus
- Electric Truck
- Electric Rickshaw
- Electric Tricycles
- Electric Golf cart
- Electric Charging Station and Equipment
- Electric Vehicle Batteries Manufacturers
- EV Auto Components
- Battery Storage Management IOT Devices
- Electric Components
- Powertrain & BLDC Motors

Number of Students Attended – Students- 8 from EC 4th Yr, 13 from ECE 3rd and 14 from 2nd year.

Program Outcome:

- Understand the technology using in electric vehicles.
- Understand the different parts using in electric vehicle.
- Understand the concept and working of electric vehicles.

Coordinator,

Mr. Shahid Khan

(Assistant Professor ECE)

Students Pics







ECE List of Students:

S.No	Roll Number	Name	Year
1	1902220310027	Pragati rai	4 th Yr
2	1902220310029	Priyesh Rai	4 th Yr
3	1902220310030	Ravi Kumar Shah	4 th Yr
4	1902220310038	Shashwat Pandey	4 th Yr
5	1902220310046	Utkarsh Shrivastav	4 th Yr
6	1902220310018	Madan Mohan Kumar	4 th Yr
7	1902220310017	Kshitij Upmanyu	4 th Yr
8	1902220310012	Deepak Sharna	4 th Yr
9	2002220310001	Abhinav Kumar Kanth	3 rd Yr
10	2002220310003	Aman Pratap Singh	3 rd Yr
11	2002220310016	Rahul Raj	3 rd Yr
12	2102220319003	Prashant Kumar	3 rd Yr
13	2002220310022	Vikram Jha	3 rd Yr
14	2102220319001	Navdeep Thakur	3 rd Yr
15	2002220310006	Divya Verma	3 rd Yr
16	2002220310011	Komal Nagar	3 rd Yr
17	2002220310009	Kashish Solan	3 rd Yr
18	200222031000	Kanchan Gupta	3 rd Yr
19	1902220310011	Deepak Mandal	3 rd Yr
20	2002220310004	Ambika	3 rd Yr
21	2002220310012	Lokesh Bisht	3 rd Yr

22	2102220310013	Gautam Negi	2 nd Yr
23	2102220310030	Urvesh saifi	2 nd Yr
24	2102220310011	Bhumika	2 nd Yr
25	2102220310022	Riya Chaudhary	2 nd Yr
26	2102220310029	Sonu kumar	2 nd Yr
27	2002220310020	Sushant	2 nd Yr
28	2102220310021	Rakesh Kumar	2 nd Yr
29	2102220310009	Ashwin yadav	2 nd Yr
30	2102220310010	Avinash AB Roy	2 nd Yr
31	2102220310007	Akmal Hussain	2 nd Yr
32	2102220310005	Adiyta Rana	2 nd Yr
33	2102220310015	Kapil	2 nd Yr
34	2102220310008	Alok Kumar Singh	2 nd Yr
35	2102220310031	Utkarsh Raj	2 nd Yr





EVENT REPORT

Name of Event: An Auto Expo Visit for students of B. Tech. 2nd ECE at India Expo Centre – Greater Noida (*Auto Expo-23, 13-18 January 2023*).

Date of Event: 17th January (Tuesday) 2023

Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.

Event Coordinator: Mr. Prabhakar Sharma, Assistant Professor, ECE Department.

Expo Visit Objective:

To provide an exposure and opportunities in Automobile especially Electric Vehicle. Students can know the various companies working in E-vehicles and electronics industries and scope for the electronics engineers in these companies.

Report: Students were reached Auto Expo-The Motor Show 2023 in India Expo Center –Greater Noida around 10:45 PM. I have already collected invitation pass from SIAM authorities(SIAM works towards supporting sustainable development of the Indian Automobile Industry with the vision that India emerges as the destination of choice in the world for design and manufacture of automobiles.). After Gate entry, we visit different halls of expo center decorated by Multiple multinational automobile companies like Maruti Suzuki, KIA motors, Toyoto motors, LEXUS, Hyundai, TATA Motors, ISUZU, MG, Greaves, JBM etc. with their latest single fuel, hybrid fuels and e-vehicles.

These companies visited auto expo with their latest upcoming automobile models. The main attraction of this auto expo is Hybrid and Electric Vehicles (bikes/Auto/Cars/Bus/Trucks etc) launched by Maruti Suzuki, TATA motors, KIA motors, Toyota, SWITCH, TORK motors, Ashok Leyland, Benelli, BYD,EBLU and more reputed companies. The visit is coordinated by Mr. Prabhakar Sharma (Assistant Professor-ECE). Department)."

Auto Expo is one of the world's premier auto shows. A signature event, that witness the best minds coming together on a single platform to showcases all that is best in the automotive world, in terms of products, technologies, concepts and trends. The Auto Expo has been laden with EV showcases this year. As many as 16 new four-wheeled EVs have been launched or displayed at the current edition of India's largest motor show! They came in the form of concepts, potential models for India and even some swanky-looking futuristic concepts

The center of attraction car models are Maruti eVX Concept, Tata Harrier EV, Tata Sierra EV, Tata Tiago EV Blitz, Hyundai Ioniq 5, Hyundai Ioniq 6, BYD Atto 3 Special Edition, Kia EV9 Concept, MG MIFA9, MG Marvel R, MG 4 & 5, Lexus LF-30 & LF-Z, Toyota bZ4X. After expo visit, we along with all students return back to college at around 3:00 PM.

Program Outcome:

Student's expose to

- Witness of the recent innovations and technological advancements in Automobile industry specially in Electric vehicles.
- Various multinational companies who are dealing in automobile and E-vehicles.
- Scope for the electronics engineers in these companies.
- Advancement in technology and scope for improvement through research and innovation.

Scope of Improvement: More visits in such type of motor shows and industries, so that our students can better understand the process of manufacturing and technology in automobile industry.

No. of Faculty Visited: 5

No. of Student attended: 18 (2nd Year)

HOD-ECE

Coordinator

Dr.Monika Jain

Mr. Prabhakar Sharma
(AP- ECE Department)

Social Media Links

<https://www.facebook.com/124969124271413/posts/5196707670430841/>

<https://twitter.com/ITSEngggn/status/1615937118400040960>

<https://www.linkedin.com/feed/update/urn:li:share:7021702803706253312>

<https://www.instagram.com/p/CnlZAfduHWv/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgID>

[BtueNhAE](#)

Confirmation Letter From SIAM-



Society of Indian Automobile Manufacturers
Core 4B, 5th Floor, India Habitat Centre
Lodi Road, New Delhi 110003
Phone: +91-11-47103010
Email: delhimotorshow@siam.in
Website: www.autoexpo.in

January 14, 2023

Mr. Prabhakar Sharma
Assistant Professor
ITS Engineering College
46, Knowledge park-III
Greater Noida- 201310

Dear Sir,

Visit of Students at Auto Expo-The Motor Show 2023 on Tuesday, Jan 17, 2023.

As per the request for allowing your institute's students to visit at Auto Expo – The Motor Show 2023 at Greater Noida. We wish to confirm the visit of your 25 students along with 4 faculty members at Auto Expo – The Motor Show on January 17, 2023. We would request the faculty members and students to carry their I-cards for identification.

Look forward to receiving your faculty members and students on January 17, 2023 at Gate No. 2 at 11:15 a.m. at the India Expo Mart in Greater Noida.

In case of any query please feel free to contact my Colleague Aditya Yadav at 9354324565.

With Kind regards,

Yours Sincerely,

A handwritten signature in black ink that reads 'Meenakshi K.'.

Meenakshi Kukreja

Director

SUPPORTING PICS









List Of Students

List of Students Visited Expo Centre, Greater Noida AUTO EXPO-2023			
S.NO	ROLL NO.	NAME OF STUDENT	YEAR
1	2102220310001	Aadarsh	2nd year
2	2102220310002	ABHAY SHARMA	2nd year
3	2102220310005	ADITYA RANA	2nd year
4	2102220310006	ADITYA SHANKAR	2nd year
5	2102220310007	Akmal Hussain	2nd year
6	2102220310008	ALOK KUMAR SINGH	2nd year
7	2102220310009	Ashwin Yadav	2nd year
8	2102220310010	Avinash A B Roy	2nd year
9	2102220310011	Bhumika Pal	2nd year
10	2102220310012	Devraj Singh	2nd year
11	2102220310013	GAUTAM NEGI	2nd year
12	2102220310014	Harshit Raj	2nd year
13	2102220310021	Rakesh Kumar	2nd year
14	2102220310022	Riya Chaudhary	2nd year
15	2102220310023	Sahwag Raj	2nd year
16	2102220310024	SAHZAAD BHATTI	2nd year
17	2102220310026	SHUSHANT	2nd year
18	2102220310027	Siddharth Kumar	2nd year

Faculty Visited-

1. Dr.Monika Jain- HOD
2. Mr. Prabhakar Sharma
3. Mr. Navneet Choudhary
4. Mr.Shahid Khan
5. Ms.Pragati Tripathi

Main Exhibitors



Name of Event: An Industrial Visit for students of B.Tech. 2nd Year & 3rd Year ECE at neuroscience laboratory I.I.T. Delhi.

Date of Event: August 20, 2022 (Saturday)

Faculty Coordinator: Ms. Pragati Tripathi, Assistant Professor ECE Department.

Visit Objective: The objective of this visit is to explore our students about different labs like neuroscience lab, robotics lab, AI & ML lab which will be helpful for them to learn some new technologies for their project in near future. Being an engineer, we know that it is important for students to build skill set in them to learn about certain techniques and some programming. They also learnt about certain projects which are going on in their labs.

Visit Outcome:

Students expose to

- The working of different bots present in the robotics lab.
- Various ongoing projects running in various labs.
- Latest tools and technologies which are useful for them to be applicable in solving various real-life problems.





SM links for IIT industrial visit post:

<https://www.facebook.com/124969124271413/posts/4781568505278095/>

https://www.facebook.com/permalink.php?id=701870293626646&story_fbid=1463923034088031

<https://twitter.com/ITSEnggggn/status/1562049183724539904>

<https://www.linkedin.com/feed/update/urn:li:share:6967814376682610688>

<https://www.instagram.com/p/ChmfZF1o177/>

<https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKElCAglDu8YaJMQ>

Name of Event: 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).

Date of Event: 20/02/23

Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.

Event Coordinator: Mr. Prabhakar Sharma, Assistant Professor, ECE-Department

Objective: To provide an exposure of various types of electrical devices like high voltage transformer, heavy motors, home appliances, CT, PT, coils, conductors, insulators, EV charging stations etc. Also explore students about the latest technologies used in electrical and allied electronics industries.

Report: ELECRAMA, the largest stand-alone showcase of the Indian Electrical and Allied Electronics Industry by IEEMA is slated to commence from February 18th to 22nd, 2023 at India Expo Mart, Greater Noida. The theme of ELECRAMA 2023 is “Re Imagine Energy – For Sustainable Future” and will be heavily based in showcasing innovation and future technologies in many areas including Storage, Green Hydrogen, Fuel Cells, AI, and IoT. This edition will also focus on sustainability through Energy Conservation, Carbon Net Zero, and Smart Consumption. Students visited India Expo Center –Greater Noida at around 11:00 AM. After online registration and batch collection from registration desk, we visited different stalls of multinational companies from Korea, China, Thailand, Japan, Germany, India etc who are dealing in electrical and electronics allied industries equipment's like PT, CT, high voltage transformers, coils, displays, smart metering, IOT devices, conductors and insulators, electric vehicle chargers, heavy motors, tools and many types of measuring devices. Students were very surprised to see the new innovations in electrical appliances, solar, EV- charging, motors, transformers etc.

The main Indian & multinational exhibitors –Secure, Siemens Ltd. Panasonic, Zera, BHEL, COSCO capacitors, *MECO electricals*, *KEI*, *Titan Automation*, *Ajanta Electricals*, *Genius*, *ABC transformer*, *arihant enterprise*, *C&C Electric limited*, *EMCO limited*, *IRCON*, *KEC International etc.*

Outcomes:

- Various multinational companies who are dealing in electrical equipment's like transformer, connectors, insulator, conductor, EV-charging & renewable energy equipment.
- Recent Advancement in smart and IOT base Metering Systems.
- Explore their knowledge about the latest technologies and find out the opportunities for placement.

Scope of Improvement:

- More Expo visits to be planned in future for latest technology exposure.

No. of Faculty attended: 7

No. of Student attended: 17

Coordinator

HOD

(Prabhakar Sharma)

(Dr. Monika Jain)

**List of Faculties**

1. Dr.Setu Garg-ECE
2. Mr. Prabhakar Sharma-ECE
3. Mr.Navneet Kumar-ECE
4. Mr. Shahid Khan-ECE
5. Mr. Parveen Bhole-ECE
6. Mr.Somesh Nath-CRC
7. Mr. Sunil Kumar-CRC

List of students

S.NO.	STUDENT NAME	Year
1	ABHISHEK YADAV	3 rd Yr
2	AMAN PRATAP SINGH	3 rd Yr
3	DIVYA VERMA	3 rd Yr
4	HARSHIT MISHRA	3 rd Yr
5	KANCHAN GUPTA	3 rd Yr
6	KASHISH SOLAN	3 rd Yr
7	PRASHANT KUMAR	3 rd Yr
8	RAHUL RAJ	3 rd Yr
9	RAJU KUMAR	3 rd Yr
10	SANJEEV KUMAR	3 rd Yr
11	SUMAN KUMAR	3 rd Yr
12	UMESH KUMAR	3 rd Yr
13	VIKRAM KUMAR JHA	3 rd Yr
14	Parveen	3 rd Yr
15	Ainul	4 th Yr
16	Sunil	4 th Yr
17	Utkarsh Srivastava	4 th Yr

Social Media Links:

1. <https://www.facebook.com/560321492802193/posts/580654714102204>
2. <https://twitter.com/ITSEngggn/status/1628359804707274758>
3. <https://www.linkedin.com/feed/update/urn:li:share:7034122900450217984>
4. https://www.instagram.com/p/Co9pBA6sv_-/
5. <https://local.google.com/place?id=11010943153743415673&use=posts&lpid=CIHM0ogKEICAgIChq5zSuQE>

Pics of the Visit







EVENT REPORT

Name of Event: An Expo Visit for students of B. Tech. 2nd and 43rd Year ECE at India Expo Centre – Greater Noida (*Electronica India September 21–23, 2022*).

Date of Event: September 23rd (Friday) 2022

Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.

Event Coordinator: Mr. Prabhakar Sharma, Assistant Professor, ECE Department.

Expo Visit Objective:

To provide an exposure and opportunities in electronics industries like semi-conductor, SMT sector, embedded system, automation etc. Students can know the various companies working in electronics industries and scope for the electronics engineers in these companies.

Report: Students were reached India Expo Center –Greater Noida around 1:45 PM via college bus. Mostly students had already been registered online and some students completed off line registration. After registration, we visit different stalls of multinational companies from china, Thailand, Japan, Germany, India etc. who are dealing in electronic manufacturing (PCBs, electronics components, displays, drills, batteries, devices, tools etc.), fabrication, designing, chemical industries, plastic card printing etc.

Electronica India is a leading expo in its domain. Electronica India is the most comprehensive and reputed global platform where India's electronics manufacturing, designing, solution providing community congregates to discuss industry trends, challenges and market insights including the Indian regulatory framework in presence of international stakeholders of repute. Bringing together manufacturers, designers, service providers, plastic card factories the expo had 400 + Exhibitors including. amongst others like SMD electro components, Epson, Mornsun, ST microelectronics, VVDN, Zebra, Analog Devices, Microchip, CRC, Kyocera, Hitachi, Juki, ASM, Twin etc. After expo visit, we along with all students return back to college at around 4:00 PM.

Program Outcome:

Student's expose to

- Witness of the recent innovations and technological advancements in Electronics Manufacturing, Designing, fabrication Sector.
- Various multinational companies who are dealing in electronics Industries.
- Scope for the electronics engineers in these companies.
- Advancement in Plastic card sector, cleaning, electronics solution providers.

Scope of Improvement: Visit in electronics manufacturing/ SMT industries, so that our students can better understand the process of manufacturing and fabrication in electronics Industries. .

No. of Faculty Visited: 6

No. of Student attended: 19 (1st Year) + 14(2nd Year) + 15 (3rd Year) + 5 (4th year) = 53

Coordinator

Prabhakar Sharma
(AP- ECE Department)

Sharing the Social Media links of the post below:

Facebook: <https://www.facebook.com/124969124271413/posts/4866944140073864/>

Instagram: <https://www.instagram.com/p/Ci4y-RrsWI/>

Twitter: <https://twitter.com/ITSEngggn/status/1573632873189748736>

LinkedIn: <https://www.linkedin.com/feed/update/urn:li:share:6979397908534054912>

Google

Business: <https://local.google.com/place?id=11010943153743415673&use=posts&lpsid=CIHM0ogKEICAgICe653YUw>

Facebook

Group: https://www.facebook.com/permalink.php?id=701870293626646&story_fbid=1486496045164063

SUPPORTING PICS

Some of the confirmed brands



Supported by:

Partner association:

Organized by:

September 21-23, 2022 | India Expo Mart, Greater Noida, Delhi NCR

PRABHAKAR SHARMA

ITSEC

EP129958
Badge partner

Leaptech

VISITOR

#BeSAFE safety measures to safe exhibitions

Sanitize your hands regularly

Maintain social distance

Greet with a Namaste

Always wear a face mask

Rules and Regulations

- This badge is for personal use only and is not transferable
- Individuals below age of 18 years and infants in arms are strictly not allowed inside the exhibition area
- The right of admission is reserved with the organizers
- The organizers reserve the right to frisk the badge holders at the entrances and exhibition venue for security reasons
- This badge must be worn and displayed prominently at all times during your stay at the exhibition site
- Bottles, cans or tins are not allowed inside the exhibition venue
- Photography is strictly prohibited without prior written permission from the organizers
- Food and beverages are not permitted to be taken in the exhibition area
- The organizers do not take responsibility for the loss or theft of any personal belongings
- The consumption of banned substances is strictly prohibited in the exhibition venue
- The badge is not valid for entry if it is torn or disfigured
- The event is subject to force majeure conditions
- Your co-operation is solicited









List Of Students

List of Students Visited Expo Centre Visit, Greater Noida ELECTRONICA-2022			
S.N O	ROLL NO.	NAME OF STUDENT	YEAR
1	190222031000 2	ADEEB KHAN	4th Year
2	190222031002 1	MD ARKAM	4th Year
3	190222031004 4	SUNIL KUMAR PATEL	4th Year
4	190222031004 5	SUYASH SHUKLA	4th Year
5	190222031004 6	UTKARSH SRIVASTAVA	4th Year
6	200222031000 2	ABHISHEK YADAV	3rd Year
7	200222031000 3	AMAN PRATAP SINGH	3rd Year
8	200222031000 4	AMBIKA	3rd Year
9	200222031000 5	AYUSH RAJ	3rd Year
10	200222031000 6	DIVYA VERMA	3rd Year
11	200222031000 3	AMAN PRATAP SINGH	3rd Year
12	200222031001 1	KOMAL NAGAR	3rd Year
13	200222031001 2	LOKESH BISHT	3rd Year
14	200222031001 4	PRASHANT KUMAR	3rd Year
15	200222031001 6	RAHUL RAJ	3rd Year
16	200222031002 1	UMESH KUMAR	3rd Year
17	200222031002 2	VIKRAM KUMAR JHA	3rd Year
18	Lateral Entry	Parveen	3rd Year
19	Lateral Entry	Prashant	3rd Year
20	Lateral Entry	NAVDEEP THAKUR	3rd Year
21	210222031000 6	ADITYA SHANKAR	2nd year

22	210222031000 9	Ashwin Yadav	2nd year
23	210222031001 4	Harshit Raj	2nd year
24	210222031001 9	Nikhil Raj	2nd year
25	210222031002 1	Rakesh Kumar	2nd year
26	210222031002 5	Shivam Kumar Yadav	2nd year
27	210222031001 8	Md Tausif Raja	2nd year
28	210222031002 1	Rakesh Kumar	2nd year
29	210222031002 3	Sahwag Raj	2nd year
30	210222031002 7	Siddharth Kumar	2nd year
31	210222031002 8	Sneha	2nd year
32	210222031003 0	Urvesh Saifi	2nd year
33	210222031003 1	Utkarsh Raj	2nd year
34	Lateral Entry	Abhijeet Kumar Srivastava	2nd year

Work Report

Name of Event : **Industrial visit** at EV India 2022 Expo (Electric Motor Vehicle Show).
India Expo Centre, Greater Noida UP

Date of Event : 9th September 2022

Organized by : ECE -ITS Engineering College- Greater Noida

Time of event : 11:00 to 5:00P.M

Event Coordinator : **Mr. Shahid Khan (Assistant Professor –ECE Department**

Report:

Electric Vehicles in India are here to solve much bigger issues like rising pollution and reduce oil dependency. “Since electric vehicles have a lower cost of operations, India is a very unique market as it is easy to attract fleet operators, public transportation and shared mobility platforms.

The next couple of years are crucial for the Indian electric vehicle industry as the market is poised to grow like never before .The electric vehicle (EV) market is likely to be a Rs 50,000-crore opportunity in India by 2025, with two- and three-wheelers expected to drive higher electrification of the vehicles in the medium term.

EVs have 90% fewer moving parts than an ICE (Internal Combustion Engine) car. Here's a breakdown of the parts that keep an EV moving:

- **Electric Engine/Motor** - Provides power to rotate the wheels. It can be DC/AC type; however, AC motors are more common.
- **Inverter** - Converts the electric current in the form of Direct Current (DC) into Alternating Current (AC)
- **Drivetrain** - EVs have a single-speed transmission which sends power from the motor to the wheels.
- **Batteries** - Store the electricity required to run an EV. The higher the kW of the battery, the higher the range.
- **Charging** - Plug into an outlet or EV charging point to charge your battery.

Keeping in view the potential of electric vehicles in upcoming days and from job perspective in future for students, Department of ECE organized one day industrial visit at **EV India 2022 Expo**, India Expo Centre, Greater Noida UP. It is an International Electric Motor Vehicle Show provides the opportunity and platform to students to get an exposure on latest EV Products, technology and equipment, Smart and NextGen transport, electric passengers cars, scooter, motorcycle, cycles, buses etc.

Students were briefed by the representative of different companies about their products and technologies they are using. Also they got an excellent exposure of the parts are using in manufacturing different kind of electric vehicles like batteries, hub motors, electronic control unit, brake assembly and display unit etc.

The various exhibitors profile is as follows –

- Electric Car
- Electric Scooter
- Electric Motorcycle
- Electric Cycle
- Electric Bus
- Electric Truck
- Electric Rickshaw
- Electric Tricycles
- Electric Golf cart
- Electric Charging Station and Equipment
- Electric Vehicle Batteries Manufacturers
- EV Auto Components
- Battery Storage Management IOT Devices
- Electric Components
- Powertrain & BLDC Motors

Number of Students Attended – Students- 8 from EC 4th Yr, 13 from ECE 3rd and 14 from 2nd year.

Program Outcome:

- Understand the technology using in electric vehicles.
- Understand the different parts using in electric vehicle.
- Understand the concept and working of electric vehicles.

Coordinator,

Mr. Shahid Khan

(Assistant Professor ECE)

Students Pics







ECE List of Students:

S.No	Roll Number	Name	Year
1	1902220310027	Pragati rai	4 th Yr
2	1902220310029	Priyesh Rai	4 th Yr
3	1902220310030	Ravi Kumar Shah	4 th Yr
4	1902220310038	Shashwat Pandey	4 th Yr
5	1902220310046	Utkarsh Shrivastav	4 th Yr
6	1902220310018	Madan Mohan Kumar	4 th Yr
7	1902220310017	Kshitij Upmanyu	4 th Yr
8	1902220310012	Deepak Sharna	4 th Yr
9	2002220310001	Abhinav Kumar Kanth	3 rd Yr
10	2002220310003	Aman Pratap Singh	3 rd Yr
11	2002220310016	Rahul Raj	3 rd Yr
12	2102220319003	Prashant Kumar	3 rd Yr
13	2002220310022	Vikram Jha	3 rd Yr
14	2102220319001	Navdeep Thakur	3 rd Yr
15	2002220310006	Divya Verma	3 rd Yr
16	2002220310011	Komal Nagar	3 rd Yr
17	2002220310009	Kashish Solan	3 rd Yr
18	200222031000	Kanchan Gupta	3 rd Yr
19	1902220310011	Deepak Mandal	3 rd Yr
20	2002220310004	Ambika	3 rd Yr
21	2002220310012	Lokesh Bisht	3 rd Yr

22	2102220310013	Gautam Negi	2 nd Yr
23	2102220310030	Urvesh saifi	2 nd Yr
24	2102220310011	Bhumika	2 nd Yr
25	2102220310022	Riya Chaudhary	2 nd Yr
26	2102220310029	Sonu kumar	2 nd Yr
27	2002220310020	Sushant	2 nd Yr
28	2102220310021	Rakesh Kumar	2 nd Yr
29	2102220310009	Ashwin yadav	2 nd Yr
30	2102220310010	Avinash AB Roy	2 nd Yr
31	2102220310007	Akmal Hussain	2 nd Yr
32	2102220310005	Adiyta Rana	2 nd Yr
33	2102220310015	Kapil	2 nd Yr
34	2102220310008	Alok Kumar Singh	2 nd Yr
35	2102220310031	Utkarsh Raj	2 nd Yr







CERTIFICATE OF COMPLETION

Presented to

Ajay Prasad

For successfully completing a free online course


Front End Development - HTML

6 months of course 3 November 2022

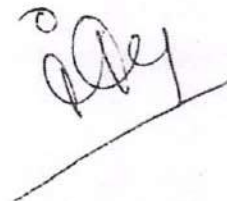
Provided by

Great Learning Academy

(On November 2022)


Director
ITS Engineering College
Greater Noida





To verify this certificate visit verify.mvcreallearning.com/YXRIJWPK



Certificate ID: UC-2b4b1ec1-0049-4eb4-9344-7703e76454a3
Certificate URL: <https://www.udacity.com/course/UC-2b4b1ec1-0049-4eb4-9344-7703e76454a3>
Reference Number: D0342


CERTIFICATE OF COMPLETION

Decision Trees, Random Forests, Bagging & XGBoost: R Studio

Instructors **Start-Tech Academy**

Priyesh Rai

Date **Sept. 28, 2022**
Length **6 total hours**


Director
ITS Engineering College
Greater Noida



CERTIFICATE OF COMPLETION

Presented to

Aishwarya Sengar

For successfully completing a free online course

HTML in Hindi

6 months of course 3 November 2022

Provided by

Great Learning Academy

(On November 2022)

A handwritten signature in black ink, likely belonging to the Director of ITS Engineering College.

Director

ITS Engineering College
Greater Noida

A handwritten signature in black ink, likely belonging to a representative of Great Learning Academy.

A handwritten signature in black ink, likely belonging to a representative of Great Learning Academy.

To verify this certificate visit verify.mygreatlearning.com or call 011-294-2111

INTERNSHALA TRAININGS

Certificate of Training

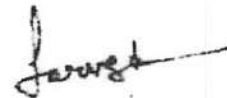
Pragati Rai

has successfully completed an 8-week online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming, and Building Cricket Game Application modules.

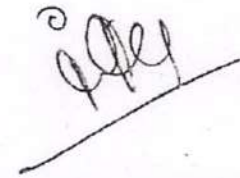
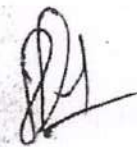
We wish Pragati all the best for future endeavours.



Director
ITS Engineering College
Greater Noida



Sarvesh Agarwal
FOUNDER & CEO, INTERNSHALA





To

Dear Utkarsh Srivastava

235K/3 Narayanpuram karelabagh Prayagraj 211016

Mob.No -9453010488

Email Id-utkarshsrivastava9432@gmail.com

Dear Utkarsh,

This has reference to your interaction for exploring opportunity join the company; we are pleased to position of **Graduate Engineer Trainee**, this offer is based on your profile, relevant work successful interactions held earlier on the subject.

1. Your initial place of posting will be at **Corporate Office- Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301**. However, Management reserves the right to transfer you any where in India.
2. Your compensation package will be CTC of INR 3,00,000 per annum and you need to sign 2 years' Service agreement with the company.
3. You will be on probation for a period of **Three months** from the date of your joining the services of company. You will be confirmed into regular appointment of the company only after successful completion of probation.
4. In case of unsuccessful completion of first **Three months'** probation period owing to performance reasons or otherwise, the probation period may be extended by suitable time-period as decided by management up to a maximum period of **Three months**. This shall be binding to the new employee.
5. Notwithstanding the fact that Company has working of 5 days week besides closed, national and restricted holidays, you may be required to work extended hours and on holidays depending upon the business requirements and exigencies from time to time, without any extra remuneration / compensation.
6. While on probation period, if you decide to leave the services of the company, you may do so by giving **Three months'** notice or salary in lieu thereof. In case due to any reasons, the company decides to terminate your services during the period of probation, it can do so with **one months'** notice or salary in lieu thereof.
7. You will be legally bound to any Bond mutually agreed and applicable to you, which dictates the terms over and above this offer letter.
8. You are required to report to at **Corporate Office Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301** location on or before 20th March 2023 for the purpose of familiarization, induction briefing and training.

Kindly confirm your acceptance of the above by sending duly signed duplicate copy of this letter. You may do so by sending an e-mail also. Wishing you long and successful career with us.

Yours Sincerely,

For and behalf of

Integer Telecom Services (India) Private Limited

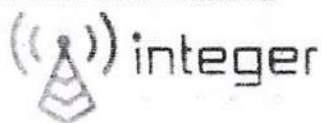
Amar Uppalapati

03/01/23

Authentic
UTKARSH SRIVASTAVA

03/02/23

Integer Telecom Services (India) Private Limited.
Corporate Office No-A/II/301, Corporate Park Tower A/1, Plot No 7A/1, Sector 142, Gautam Buddha
Nagar, Uttar Pradesh, In, 201301

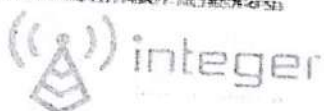


Annexure A

Integer Telecom Services (India) Private Limited		
Name: Utkarsh Srivastava		
Department: Wireless		
Designation: Graduate Engineer Trainee		
Particulars	PA- Amount in Rs.	Per Month
Total CTC	3,00,000	
Less: Bonus		
Fixed	3,00,000	
Breakup	Per Annum	Per Month
Basic Salary	90,000	7,500
House Rent Allowance	36,000	3,000
Travel Allowance	25,000	2,083
Medical Allowance	25,000	2,083
Leave Travel Allowance	-	-
Children Education & Hostel Allowance	9,600	800
Telephone & Internet Expenses	12,000	1,000
Food Allowance	6,000	500
Car & Driver Maintenance	-	-
Other Allowances	96,400	8,033
Gross Salary	3,00,000	25,000
Less:		
Gratuity	4,329	361
Provident Fund	22,500	1,875
ESI Contribution	-	-
Medical Insurance	5,940	495
Take Home Salary	2,67,231	22,269

Note – The Net in hand Salary is subject to applicable Income and Professional Tax Deductions.

Integer Telecom Services (India) Private Limited.
Corporate Office No-A/II/301, Corporate Park Tower A/1, Plot No 7A/1, Sector 142, Gautam Buddha
Nagar, Uttar Pradesh, In, 201301



To

Dear Pragati Rai

Sri Krishna nagar colony, station road, Buxar

Mob. No - '8102039475

Email Id- pragatirai460@gmail.com

Dear Pragati,

This has reference to your interaction for exploring opportunity join the company; we are pleased to offer you the position of **Graduate Engineer Trainee**, this offer is based on your profile, relevant work experience and successful interactions held earlier on the subject.

1. Your initial place of posting will be at **Corporate Office- Corporate Park 3rd Floor Tower A-2 Sector-142 Noida-201301**. However, Management reserves the right to transfer you any where in India.
2. Your compensation package will be CTC of INR 3,00,000 per annum and you need to sign 2 years' Service agreement with the company.
3. You will be on probation for a period of **Three** months from the date of your joining the services of company. You will be confirmed into regular appointment of the company only after successful completion of probation.
4. In case of unsuccessful completion of first **Three** months' probation period owing to performance reasons or otherwise, the probation period may be extended by suitable time- period as decided by management up to a maximum period of **Three** months. This shall be binding to the new employee.
5. Notwithstanding the fact that Company has working of 5 days week besides closed, national and restricted holidays, you may be required to work extended hours and on holidays depending upon the business requirements and exigencies from time to time, without any extra remuneration / compensation.
6. While on probation period, if you decide to leave the services of the company, you may do so by giving **Three** months' notice or salary in lieu thereof. In case due to any reasons, the company decides to terminate your services during the period of probation, it can do so with **one** months' notice or salary in lieu thereof.
7. You will be legally bound to any Bond mutually agreed and applicable to you, which dictates the terms over and above this offer letter.
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Kindly confirm your acceptance of the above by sending duly signed duplicate copy of this letter. You may do so by sending an e-mail also. Wishing you long and successful career with us.

Yours Sincerely,

For and behalf of

Integer Telecom Services (India) Private Limited

03/01/23

Amar Uppalapati

Integer Telecom Services (India) Private Limited.
Corporate Office No-A/II/301, Corporate Park Tower A/1, Plot No 7A/1, Sector 142, Gautam Buddha
Nagar, Uttar Pradesh, In, 201301

Fwd: Selections in SAZIO ELECTRONICS.

SUNIL KUMAR <crc3.engg@its.edu.in>

To: ITS Placement <crc_itsecgn@its.edu.in>, CRC Head <crchead.engg@its.edu.in>

Cc: Director Engg <dir.engg@its.edu.in>

Thu, Jun 8, 2023 at 5:48 PM

----- Forwarded Message -----

From: hr<hr@sazioindia.com>

To: "crc3.engg@its.edu.in" <crc3.engg@its.edu.in>

Sent: Thursday, June 8, 2023 at 04:13:36 PM GMT+5:30

Subject: Selections in SAZIO ELECTRONICS

Hi Sunil,

Greetings from Sazio electronics.

I am very sorry for the delay in sharing the selection list due to the merger of our organization.

Please find below the names:

1. kshama Shakti
2. Pragati Rai
3. Dhananjay Yadav
4. Priyanshu Gupta
5. Sudheer Mishra
6. Sachin Kr. Singh

The following Students are selected for our sister Branch:

7. Abhishek Kumar
8. Munish Singh
9. Ainul Hasan
10. Mayank Sengar
11. Sidhi Singh
12. Md. Akram
13. Alok Kumar
14. Praduman Kumar
15. Sahil Ansari.

Please share the expected month in which they will get their marksheets as our clients require clearance from the university.

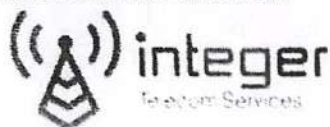
Also let me know if any candidates have issue in Location ..

Thanks,
Suman Sharma
HR Manager
Sazio Electronics

ITS Engineering College
46, Knowledge park-III, Greater Noida- 201310
Ph: 0120- 2331000, 2331001

Connect with us:-





Annexure A

Integer Telecom Services (India) Private Limited		
Name: Pragati Rai		
Department: Wireless		
Designation: Graduate Engineer Trainee		
Particulars	PA - Amount in Rs.	Per Month
Total CTC	3,00,000	
Less: Bonus		
Fixed	3,00,000	
Breakup	Per Annum	Per Month
Basic Salary	90,000	7,500
House Rent Allowance	36,000	3,000
Travel Allowance	25,000	2,083
Medical Allowance	25,000	2,083
Leave Travel Allowance	-	-
Children Education & Hostel Allowance	9,600	800
Telephone & Internet Expenses	12,000	1,000
Food Allowance	6,000	500
Car & Driver Maintenance	-	-
Other Allowances	96,400	8,033
Gross Salary	3,00,000	25,000
Less:		
Gratuity	4,329	361
Provident Fund	22,500	1,875
ESI Contribution	-	-
Medical Insurance	5,940	495
Take Home Salary	2,67,231	22,269

Note – The Net in hand Salary is subject to applicable Income and Professional Tax Deductions.

Integer Telecom Services (India) Private Limited.
Corporate Office No-A/II/301, Corporate Park Tower A/1, Plot No 7A/1, Sector 142, Gautam Buddha
Nagar, Uttar Pradesh, In, 201301

Department of Electronics & Communication Engineering

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MOU's Signed by Department of ECE

- The Memorandum of Understanding is entered between the **VerveGen Tech Pvt. Ltd, Dehradun** and **Department of Electronics and Communication Engineering, ITS Engineering College, Greater Noida U.P. on 18.10.2022** for collaboration to run an industry oriented talks, workshops, training/professional internship on IOT, Machine Learning, Automotive & Automation, Mobile App development, Embedded Development , an opportunity for students to work on LIVE industrial projects and consulting services using incubation and Lab facilities available at college.
- The Memorandum of Understanding is entered between the **Emplife India Pvt. Ltd. New Delhi** with registered address at 1497, 3rd floor, Wazir Nagar (KMP), N.Delhi and Department of Electronics & Communication Engineering, I.T.S. Engineering College, Greater Noida U.P. on **23.06.2022** for the purpose to **enhance global employability** by organizing various webinars, seminars, conferences, trainings, internships and mentoring support.
- The Memorandum of Understanding is entered between the **Pine Training Academy a training division of Aujus Technology Pvt. Ltd.** with registered address at C56/28, 4th floor, Sec-62, Noida, U.P. and Department of Electronics & Communication Engineering, I.T.S. Engineering College, Greater Noida U.P. on **15.04.2021** for collaboration to run an industry oriented professional training on **Semiconductor Technologies** (include ASIC, FPGA, Embedded, PCB and ASIC verification). Also, PTA will work closely to place students in core electronics.
- The Memorandum of Understanding is entered between the **Exeliq Tech Solutions Pvt. Ltd, New Delhi** and **Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida U.P. on 06.01.2021** for collaboration between Industry and Institute in order to provide designing, prototyping and consulting services to nearby industry /MSME using incubation and lab facilities available at the college.
- The Memorandum of Understanding is entered between the **Cyware Labs India Private Limited (<https://cyware.com/>)**, further referred to as 'Cyware' with registered address at #90, 2nd Floor, 17th Cross Road, 14th Main Road, Sector 4, HSR Layout, above YES Bank, Bengaluru, Karnataka 560102 and Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida U.P. on **04.01.2021** for collaboration between Industry and Institute in order to provide periodical webinars, project assistance and to train students in the area of cyber security and automation.
- The Memorandum of Understanding is entered between the **E –Cosys Consultancy Private Limited (New Delhi)** and Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida U.P. on **16.11.2020** for collaboration between Industry and Institute in order to provide engineering and consultancy services in the area of

Department of Electronics and Communication Engineering

design, development, testing and energy conservation solutions of the different electronic devices.

- The Memorandum of Understanding is entered between the **K.R Engineers and Consultant (Channel Partner IDMC Ltd. NDDB for North India) A-127, Sector 55, Noida, G.B Nagar UP and Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida U.P. on 16.12.2019** for collaboration between Industry and Institute in order to provide training in the field of advance technologies in engineering like Machine learning, Automation and Embedded systems. They also provide assistance in making some projects in the area of automation.
- The Memorandum of Understanding is entered between the **ENKAY Solar Power & Infrastructure Pvt Ltd, E55, SEC 6 Noida and Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida U.P. on 24.05.2019** for collaboration between Industry and Institute in order to provide industrial visits, training in the area of solar energy and design of solar panels, material type of solar panels and latest solar cell being used in industry. They also provide training for the application of some latest software in the area of solar energy like PV F-Chart, Homer Pro, PVsyst and PV planner and Solar Pro.



Government of Uttar Pradesh

e-Stamp

Document No.	: IN-UP08826717483049U
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Description of Document	: Article 5 Agreement or Memorandum of an agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	:
First Party	: ITS ENGINEERING COLLEGE GREATER NOIDA
Second Party	: VERVEGEN TECHPVT LTD DEHRADUN
Stamp Duty Paid By	: ITS ENGINEERING COLLEGE GREATER NOIDA
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



MEMORANDUM OF UNDERSTANDING

BETWEEN

**I.T.S Engineering College, Greater Noida
&
VerveGen Tech Pvt Ltd, Dehradun**

FOR

SKILL MANAGEMENT, OUTCOME BASED TRAINING, AND RELATED SERVICES

SERVICE AGREEMENT

Page 1 of 4

Kayam
Director
ITS Engineering College
Greater Noida

Head of Department
Electronics & Communication Engineering
W.T.S. Engineering College Greater Noida



Statutory Alert:

3. In case of any discrepancy please inform the Competent Authority.

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This **Service Agreement** is entered into on 18/10/22 by and between **I.T.S Engineering College, Greater Noida, Uttar Pradesh** the **First Party** represented herein by its Director, after referred as '**First Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

VerveGen Tech Pvt Ltd, Meedo Plaza, Rajpur Rd, Bhel Chowk, Dehradun, Uttarakhand, the **Second Party**, and represented herein by its **Director, Mr. Ashish Kumar**, (herein after referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as '**Parties**' and individually as '**Party**') as

WHEREAS:

- A) First Party is a Higher Educational Institution:
 - (i) I.T.S Engineering College, Greater Noida, Uttar Pradesh
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities. The First Party will provide expertise services and receive operation from the Second Party for the faculty and students of B. Tech-ECE or Computer Science & Engineering.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Innovation and Research.
- D) Both Parties, being legal entities in themselves desire to sign this AGREEMENT for advancing their mutual interests.
- E) **VerveGen Tech Pvt Ltd**, the Second Party is engaged in IT Consulting, Software Development, Digital Transformation & Upskilling/training like Python, ML, IoT, MATLAB, PLC-Scada, Digital Marketing, Website Development and Hosting, Data Science, AutoCAD, Catia, Solid Works, Revit, and Staadpro for the different Engineering Branches.
- F) **VerveGen Tech Pvt Ltd**, the Second Party is promoted by **Mr. Ashish Kumar (Director)**; Office at **Meedo Plaza, Rajpur Rd, Bhel Chowk, Dehradun, Uttarakhand-248001**
- G) **VerveGen Tech Pvt Ltd**, the Second Party, **VerveGen Tech Pvt Ltd** is IT Consulting, Software Development, Digital Transformation & Upskilling/training provider company in India. The company was founded in the year 2020.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS AGREEMENT, THE PARTIES HERE TO AGREE AS FOLLOWS:


Director
ITS Engineering College
Greater Noida


Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida


Page 2 of 4


CLAUSe 1
CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 The First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training / research systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this AGREEMENT. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this AGREEMENT. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this AGREEMENT shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSe 2
SCOPE OF THE AGREEMENT

- 2.1 The budding Graduates & Post-graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- 2.3 **Industrial Training & Visits:** Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of -**Production, Resource Utilization, Learning & Development, Employee development and other relevant agreeable avenues.**
- 2.5 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready through training, Internships and Workshops.
- 2.6 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.7 **Faculty Development Programs:** Second Party to train & guide the Faculties of First


Director
ITS Engineering College
Greater Noida


Head of Department
Electronics & Communication Engineering
ITS Engineering College Greater Noida



Party for imparting training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.

- 2.8 Both Parties to obtain all internal approvals, consents and permissions of whatsoever nature required for offering the training Programs on the terms specified herein

CLAUSE 3 VALIDITY

- 3.1 This Agreement is made for 2 years from its execution and may be extended on the terms and conditions as mutually agreed by both the parties. During which period **VerveGen Tech Pvt Ltd** the Second Party, as the case may be, will take effective steps for implementation of this AGREEMENT. Any act on the part of **VerveGen Tech Pvt Ltd**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this AGREEMENT.

- 3.2 Both Parties may terminate this AGREEMENT upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

AGREED:

For **I.T.S Engineering College**, Greater Noida

for **VerveGen Tech Pvt Ltd**

Head of Department

Plot-46, Knowledge Park - III

Greater Noida (U.P.)

D-5, 26 A, MEEDO PLAZA
RAJPUR ROAD, DEHRADUN - 248001

ment is made and entered into on 23rd June 2022 between the Emplife India Private Limited, located at New Delhi (hereinafter referred to as First Party), and ITS Engineering college, Greater Noida (hereinafter referred to as Second Party).

Purpose

This agreement between Emplife India Private Limited & ITS Engineering college will outline the collaboration to facilitate the students of the institution with services which will enhance their global employability.

Where as

Emplife India Private Limited is the Indian delivery organization of Digital Commonwealth Limited, UK established on 14th Feb 2020, for the purpose of providing global employability services under Employability Life like training, projects and mentoring support, having its registered office at 1497, 3rd Floor, Wazir Nagar, (KMP), New Delhi – 110003.

Where as

ITS Engineering College keeps in mind the ever changing technical skills requirement for industries in India and abroad. Students get hands on experience through internships in core companies in their chosen branches, experiential learning through industry visits, live projects, expert talks, MOOCs, workshops, case studies, upscale labs, and virtual classroom sessions, having its registered office at 46 Knowledge Park –III Greater Noida, Uttar Pradesh 201308

Context

Our model of Career Design is built on two interlocking parts:

- ① A. Five Strategic Behavioural Capabilities (Advance employability program): Growth Mindset, Career Intelligence, Digital Intelligence, Cultural Intelligence and Influence.
- ② B. Skills mastery through Project-based Learning, delivered through team projects focused on emerging areas of technology and business, leading to global professional credentials.

A. Five Strategic Behavioural Capabilities

1. Growth mindset
2. Career intelligence
3. Digital intelligence
4. Cultural intelligence
5. Influence

B. Skill mastery through Project-based Learning

The other strand of our Career Design approach is the focus on development of the students' technical skills through project-based learning. The students are evaluated as a team but also receive individual performance feedback through 360-degree evaluation from the Project Manager (Skills Mentor), Customer (Subject Matter Expert) and peers (Team members).



[Signature]
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College Greater Noida

[Signature]

Learning methodology

The employability.life learning experience combines Projects focused on technical skills and coaching for strategic behavioural skills, either running in sequence or in parallel depending on the setting. The students would receive the services based on the type of partnership undertaken by an institution.

Certification and Recognition

The employability.life behavioural training model is endorsed by Institute of Leadership and Management, UK which is the largest global organisation for HR professionals and leadership practitioners. All students completing the behavioural training program would receive an "Award of Recognition" from Digital Commonwealth, UK.

Confidentiality

Second Party must keep confidential the terms of the partnership and the matters contemplated by and including the program details, content, links contained within the confidential clause. Second Party must only use Employability.Life Confidential Information to provide the Services and for no other purpose. All confidentiality obligations survive the termination of agreement.

Proprietary rights

Second Party acknowledge and agree that First Party and/or its licensors own all intellectual property rights in the Program/Platform and in documentation provided to Second Party. Except as expressly stated, these Terms do not grant Second Party any rights to, under or in, any patents, copyright, database right, trade secrets, trade names, trademarks (whether registered or unregistered), or any other rights or licenses in respect of the Program/Platform or in documentation provided to Second Party. Further nothing in this agreement will function to transfer First Party's Intellectual Property rights to the Second Party, and First Party will retain exclusive interest in and ownership of its Intellectual Property developed before this agreement or developed outside the scope of this agreement.

Indemnity



[Signature]
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Greater Noida

[Signature]
Head of Department
Electronics & Communication Engineering
I.T.S. Engineering College, Greater Noida

Second Party shall defend, indemnify, and hold harmless EMP against claims, actions, proceedings, losses, damages, expenses and costs (including without limitation court costs and reasonable legal fees) arising out of or in connection with Second Party's provision of the Services.

Limitation of Liability

Second Party assume sole responsibility for results obtained from the use of the Platform. First Party shall have no liability for any damage caused by errors or omissions in any information, instructions or scripts provided by us to you in connection with the Services or the Platform, or any actions taken by you at our direction. All warranties, representations, conditions, and all other terms of any kind whatsoever implied by statute or common law are, to the fullest extent permitted by applicable law, excluded from these Terms. First Party do not exclude or limit in any way its liability to Second Party where it would be unlawful to do so. This includes liability for death or personal injury caused by our negligence or the negligence of our employees, agents or other Licensors and for fraud or fraudulent misrepresentation.

First Party shall not be liable whether in tort (including for negligence or breach of statutory duty), contract, misrepresentation, restitution or otherwise for any loss of profits, loss of business, depletion of goodwill and/or similar losses or loss or corruption of data or information, or pure economic loss, or for any special, indirect or consequential loss, costs, damages, charges or expenses however arising under these Terms.

Suspension and Termination

First Party may terminate this Agreement by serving at least one month's prior written notice upon the Second Party.

Governing law and law of contract

These Terms are governed by and construed in accordance with the law in force in England and Wales where the program and it's delivery is conceptualised, designed and developed.

Layan
Head of Department
Electronics & Communication Engineering
Greater Noida

Shy



PP
Head of Department
Electronics & Communication Engineering
Greater Noida

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Execution Date.

First Party

By:

Signature:

Name:

Title:

Address:



[Handwritten Signature]

RAJA DAS GUPTA

EVP

NEW DELHI

Second Party

BY:

Signature:

Name:

Title:

Address:

[Handwritten Signature]

Director

Engineering College

Greater Noida

Dr MAYANK GARG

DIRECTOR

46, Knowledge Park - III,
Greater Noida - 201 308

[Handwritten Signature]
Head of Department
Electronics & Communication Engineering
I.T.S. Noida

Exhibit I: Partnership model

Type of Partnerships

Employability life experience is delivered through partnership with academic institutions, wherein the Employability life model can be embedded within the academic offering as per below non-refundable fee.

Type of partnership:

1. **Associate partner:**

Annual Membership Fee: exempted for academic institutions.

Deliverables from Employability Life:

Online Career Development sessions by global experts – 32 sessions per year

Access to video intelligence tools on global job market and career trends



A handwritten signature in black ink, appearing to read "V. Jayaram".

Director, Career Development
Employability Life

EMPLIFE INDIA PVT. LTD.

About the Company:

Emplife India Private Limited is a 2 years 8 months old Private Company incorporated on 14 Feb 2020. Its registered office is in South Delhi, Delhi, India. The Company's status is Active, and it has filed its Annual Returns and Financial Statements up to 31 Mar 2021 (FY 2020-2021). It's a company limited by shares having an authorized capital of Rs 1.00 lakh and a paid-up capital of Rs 1.00 lakh as per MCA. 2 Directors are associated with the organization. Mukesh and Anirudh Chandrakant Phadke are presently associated as directors.

CIN/LLPIN/FCRN	U80904DL2020PTC361859
Company Legal Name	Emplife India Private Limited
ROC Code	RoC-Delhi
Company No.	361859
Company Category	Company limited by Shares
Company Sub Category	Non-govt company
Company Class	Private
Authorised Capital	₹ 1.00 lakh
Paid up Capital	₹ 1.00 lakh
Incorporation Date	14 Feb 2020
Date of AGM	30 Nov 2021
Date of Balance Sheet	31 Mar 2021
Industry	Corporate Services, Education, Events and Entertainment
Company Size	-

Objective:

The main objective of the **Emplife India Pvt. Ltd. New Delhi** for the purpose to **enhance global employability** by organizing various webinars, seminars, conferences, trainings, internships and mentoring support.

Outcomes:

The outcome with the company is that they had provided various webinars on employability skills and market strategies. One of the faculty got certified for the webinar attended. Department faculties as well as students got benefitted by the various training programs and webinars which conducted time to time to maintain the profile of the individual.

Summer Internship Details (final Year) Batch 2018-22

S.NO.	Roll Number	Enrollment No	Name of the Company	Topic	course certificate	course name	CERTIFICATE ISSUE DATE
1	1822231001	ABHAY PURWAR	NI LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM	LabView Academy		5-Oct-21
2	1822231003	AKANKSHA MISHRA	NI LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM	UDEMY	PYTHON COMPLETE COURSE FOR BEGINNERS	26 Jun-21
3	1822231005	ANIKET BANSAL			GREAT LEARNING	FRONT END DEVELOPMENT-HTML	ON JULY-2021
4	1822231006	ANJALI UPADHYAY			ETHICAL LEARNER	SOFTWARE DEVELOPMENT INTERN IN C++	10-Nov-21
5	1822231007	ANKIT GUPTA	NI LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
6	1822231008	ANKITA PANDEY	APTRON SOLUTIONS PVT. LTD.	SCHOOL MANAGEMENT SYSTEM			29-May-21
7	1822231009	ANSHIT MALIK			ETHICAL LEARNER	PYTHON PROGRAMMING	19-Nov-21
8	1822231011	ANUPAMA RAJ	APTRON SOLUTIONS PVT. LTD.	SCHOOL MANAGEMENT SYSTEM	APTRON SOLUTIONS PVT. LTD.	PYTHON 101 FOR DATA SCIENCE	29-May-21
9	1822231012	APOORVA OJHA	COURSERA	DATA ANALYTICS	IBM	INTRODUCTION TO DATA ANALYTICS	
10	1822231014	ASHISH KUMAR	NI LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
11	1822231015	ASHUTOSH KUMAR	NI LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
12	1822231016	CHETAN YADAV			ETHICAL LEARNER	SOFTWARE DEVELOPMENT INTERN IN C++	10-Nov-21
13	1822231017	HARSH PUNDIR			COURSERA	INTRODUCTION TO JAVA	23-Nov-21
14	1822231018	HEMANT SHARMA	NI LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
15	1822231019	JANVI TOMAR	LABVIEW	LAB VIEW BASED TEMPERATURE DATA LOGGER			5-Oct-21
16	1822231020	KALPASH KUMAR			UDEMY	WEBSITE DEVELOPMENT CLASS COMPLETE COURSE	4-Dec-21
17	1822231022	SHAHRIKH AMBER			INCAP	WEB DEVELOPER ON AI	10-Nov-21

5
550

Summer Internship Details (final Year) Batch 2018-22

S.NO.	Roll Number	Enrollment No	Name of the Company	Topic	course certificate	course name	CERTIFICATE ISSUE DATE
18	1822231023	MOHD ASHRAF			ETHICAL LEARNER	SOFTWARE DEVELOPMENT INTERN IN C++	
19	1822231024	MOHD SHAKAIB GHAZI	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
20	1822231025	MUSADIQ SADEEQ	RELAINCE JIO INFOCOMM LIMITED	JIO GIGA FIBER AND CELLULAR NETWORK			7-Aug-21
21	1822231026	NAMAN GARG	UDEMY	WEBSITE DEVELOPMENT	UDEMY	python and django full stack web developer bootcamp	20-Nov-21
22	1822231027	NIHARIKA			UDEMY	WEBSITE DEVELOPMENT MASTER CLASS COMPLETE CERTIFICATE COURSE	19-Nov-21
23	1822231028	NIKHIL SINGH			FSEJIYONSEI UNIVERSITY	WIRELESS COMMUNICATION FOR EVERYBODY	12-Dec-21
	1822231029	NIKITA PANDEY	UDEMY	USER EXPERIENCE DESIGN ESSENTIALS- ADOBE AD UI UX DESIGN BASED ONLINE SUMMER INTERNSHIP PROGRAM	UDEMY	COMPLETE WEB AND MOBILE DESIGNER IN 2022 UI/US, FIGMA, +MORE	4-Dec-21
24					DUKE UNIVERSITY	JAVA PROGRAMMING SOLVING PROBLEM WITH SOFTWARE	6-Aug-21
25	1822231030	NISHANT GUPTA			ETHICAL LEARNER	PYTHON INTERNSHIP TRAINING REPORT	
26	1822231031	NISHANT KUMAR			UDEMY	THE ULTIMATE MYSQL BOOTCAMP	19-Nov-21
27	1822231032	NITISH KUMAR			CODULES	RENTERS	2-Dec-21
28	1822231033	OM GUPTA			COURSERA	AWS FUNDAMENTALS: MIGRATING TO CLOUD	27-Nov-21
29	1822231034	PRABHAKAR KUMAR	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
30	1822231035	PRACHI BHAT			ETHICAL LEARNER	SOFTWARE DEVELOPMENT INTERN IN C++	10-Nov-21
31	1822231036	PRADUMN DUBEY	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
32	1822231037	PRAJUL CHAUDHARY	UDEMY	FULL STACK DEVELOPMENT	UDEMY	THE COMPLETE 2022 WEB DEVELOPMENT BOOT CAMP	17-Nov-21
33	1822231039	PRINCE KUMAR JHA			CODULES	PLANTO	2-Dec-21
34	1822231040	RAJAT GUPTA	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
35	1822231041	RAKSHIT TIWARI	UDEMY	ARTIFICIAL INTELLIGENCE	UDEMY	ARTIFICIAL INTELLIGENCE A-ZTM LEARN HOW TO BUILD AN AI	2-Dec-21
36	1822231042	RAVINDRA SINGH	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21

Summer Internship Details (final Year) Batch 2018-22

S.NO.	Roll Number	Enrollment No	Name of the Company	Topic	course certificate	course name	CERTIFICATE ISSUE DATE
37	1822231043	RISHAV KUMAR	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM	LabView Academy	INDUSTEY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM	5-Oct-21
					GUIV TECH DESERVES YOU	PYTHON	2-May-21
					GUIV TECH DESERVES YOU	BUILD A FACE RECOGNITION APPLICATION USING PYTHON AS PART OF AI-FOR-INDIA EVENT	25-Apr-21
					COURSERA	PYTHON BASICS	25-Jun-21
38	1822231044	SAGAR KUMAR THAKUR			UNIVERSITY OF MINNESOTA	SOFTWARE DEVELOPMENT PROCESSES AND METHODOLOGIES	1-Dec-21
39	1822231045	SATRAJEET NEOGI	CODULES	INTRODUCTION TO JAVA	CODULES	SPENDING TRACKER	7-Dec-21
40	1822231046	SATYAM SHIVAM	UDEMY	WEBSITE DEVELOPMENT			2-May-21
41	1822231047	SHASHANK KUMAR	JAGMAG LIGHT PVT. LTD.	DIGITAL MARKETING			30-Sep-21
42	1822231048	SHASHWAT TRIPATHI	INTERNSHALA TRAININGS	PROGRAMMING WITH PYTHON			26-Aug-21
43	1822231049	SHIVA ASHISH	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
44	1822231050	SHREYAS THAKUR	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21
45	1822231051	SHUBHAM VERMA			CODULES	RENTERS	2-Dec-21
46	1822231053	SOU MEN HEMBRAM			UDEMY	KiCad Like a Pro 2nd edition	17-Nov-21
47	1822231055	SWEETA PAL SINGH			COURSERA	JAVA PROGRAMING	30-Sep-21
48	1822231056	TANMAY SRIVASTAVA	COURSERA	COMPUTER VISION AND IMAGE PROCESSING	IBM	INTRODUCTION TO COMPUTER VISION AND IMAGE PROCESSING	19-Sep-21
49	1822231057	TUSHAR VERMA	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM	DEEPLARNING.AI	AI FOR EVERYONE	12-Oct-21
					GREAT LEARNING	FRONT END DEVELOPMENT-HTML	ON JULY-2021
					LabView Academy	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM	5-Oct-21
50	1822231058	UDAY SHARMA			UDEMY	JAVA FROM ZERO TO FIRST JOB - PRACTICAL GUIDE, 700+EXAMPLES	18-Nov-21
51	1822231059	VIKAS KUMAR			CODULES	LIBRARY AUTOMATION	
52	1822231060	VISHAL	LABVIEW	LAV VIEW BASED TEMPERATURE DATA LOGGER			5-Oct-21
53	1822231061	VISHAL KUMAR BAITHA	JAGMAG LIGHT PVT. LTD.	DIGITAL MARKETING			30-Sep-21
54	1822231062	VIVEK KUMAR			CODULES	RENTERS	2-Dec-21
55	1722231012	ANKIT KUMAR	LABVIEW	INDUSTRY AUTOMATION BASED ONLINE SUMMER INTERNSHIP PROGRAM			5-Oct-21

Ref. No.: JV/TR/350

Date: 07th Dec 2021

TO WHOM SO EVER IT MAY CONCERN

This is certified that Mr. Satrajeet Neogi s/o Mr. Manoj Kumar Neogi student of B.Tech-ECE program (Batch 2018-2022) being run by ITS Engineering College, Greater Noida has successfully completed his Six Weeks Project Training from 18th Oct 2021 to 28th Nov 2021 at **Codules Technologies Pvt Ltd**. He has undertaken a project entitled "Spending Tracker" using Java technology under the guidance of Mr. Rahul Chauhan senior Project Manager of the company.

He has met the requirement of training in respect to fulfill the requirement of degree of B.Tech from ITS Engineering College, Greater Noida. His work during this period of training was sincere, he was an active member of team and the work carried was satisfactory.

We wish good luck for him near future.



(Priyanka Chauhan)
Manager-HR



11/27/2021

Om Gupta

has successfully completed

AWS Fundamentals: Migrating to Cloud

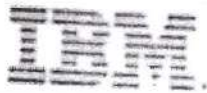
an online non-credit course authorized by Amazon Web Services and offered through Coursera

John Ky

**COURSE
CERTIFICATE**



Introduction to Data Analytics



Sep 29, 2021

Apoorva Ojha

has successfully completed

Introduction to Data Analytics

an online non-credit course authorized by IBM and offered through Coursera

Apoorva Ojha
Global Program Manager
SkillsFuture.sg

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/PSGKFMUVLWNC
Coursera has confirmed the identity of this individual and their
participation in the course.

Learn  Coursera

COURSE CERTIFICATE

May 23, 2013

Harsh Pundir

has successfully completed

Introduction to Java

an online non-credit course authorized by Coursera and offered through Coursera



Noel J. Bergman



Noel J. Bergman

Noel J. Bergman

This certificate is valid for the course listed above.
The Coursera logo and the text "COURSERA" are registered trademarks of Coursera, Inc.
All other trademarks are the property of their respective owners.

Incapp certificate of Completion

Program: Basic Web Developer

Period : 20 Sep. 2021 – 10 Nov. 2021

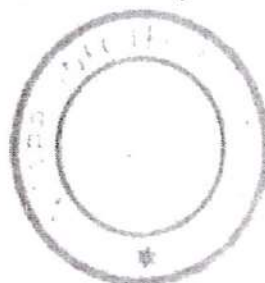
Md Shahrukh Amber

This is to certify that Md Shahrukh Amber has successfully completed Basic Web Developer on above dates.

He was sincere and hard working during the program. We wish him luck for his near future.



Rahul Chauhan



(Director)



INTERNSHIP CERTIFICATE

To Whomsoever It May Concern

This is to certify that Mr. Musadiq Sadeeq S/o Mohammad Sadeeq Mir, R/o. Logri Pora Zaingeer Sopore Baramulla From I.T.S Engineering College Greater Noida has completed his internship Programme in JIO Giga Fiber AND In Cellular Network from 05th May 2021 to 07 August 2021, at Reliance Jio Infocomm Limited in partial fulfillment of the Bachelors of Electronics and Communication Engineering.

During the internship period, we found Mr. Musadiq Sadeeq very Sincere and diligent.

We wish him all the best in all his feature endeavors.

For Reliance JIO Infocomm Limited

Mr. Anbil S

Manager IT Sopore-193201

Reliance Jio Infocomm Limited

State Office Reliance Jio Infocomm limited, CIN U72900GJ2007PLC105869
4th Floor Sara City Mall Jahangir Chowk Srinagar Kashmir 190001


Certificate of Training

Shashwat Tripathi

from ITS Engineering College , Greater Noida, has successfully completed a six weeks online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQt and Application of Python in Various Disciplines modules.

In the final assessment, Shashwat scored 80% marks.

We wish Shashwat all the best for the future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-08-26

Certificate no. B44FC994-8BFC-02BB-EDBE-17B97AB25F04

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate



CERTIFICATE OF COMPLETION

Web Development Masterclass - Complete Certificate Course

Instructors **YouAccel Training**

Niharika

Date **Nov. 19, 2021**

Length **20.5 total hours**

Center of Excellence
CERTIFICATE OF PARTICIPATION



This is to certify that the Mr./Ms. **Abhay Purwar** has successfully completed the six-week **Industrial Automation Based Online Summer Internship Program** from 22 August to 02 October 2021 under the Centre of Excellence National Instruments Innovation Centre, Electronics and Communication Engineering Department. Issued date is October-05-2021 with Reference No NIIC/COE/SI/2249Abhay Purwar.



Nitesh Pradhan

NI Innovation Center Coordinator



LIST OF PRODUCTS DEVELOPED

S.No.	Name of Product
1.	Rail Generator
2.	Smart Gardening System
3.	Electric Vehicle: Vehicle Control Unit
4.	3D Solar
5.	Traffic Data Analyzer
6.	Milk Spill Control System
7.	Mid-Day Meal Automated Management & Reporting System
8.	AI based Stray Livestock System
9.	IOT Based Gas Leakage Detector System
10.	Arduino Based Radar System
11.	Bluetooth Controlled Robotic Car

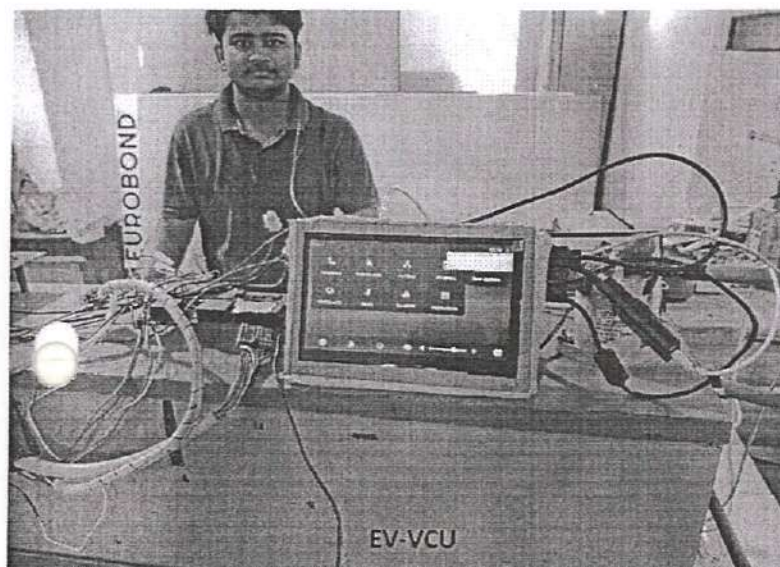
Department of Electronics & Communication Engineering



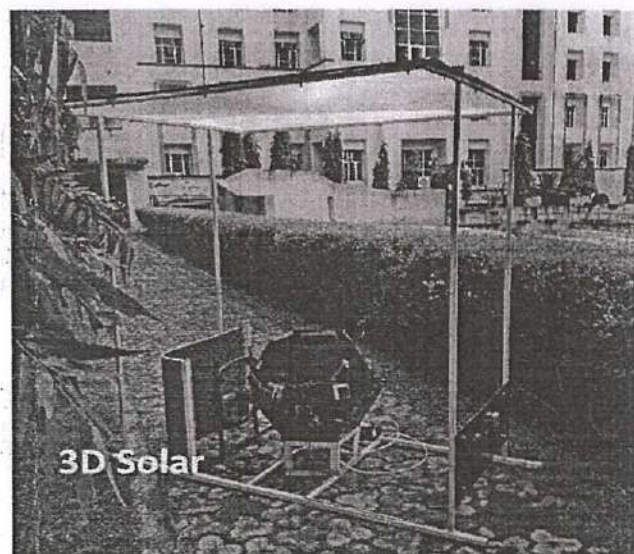
Rail Generator



Smart Gardening System

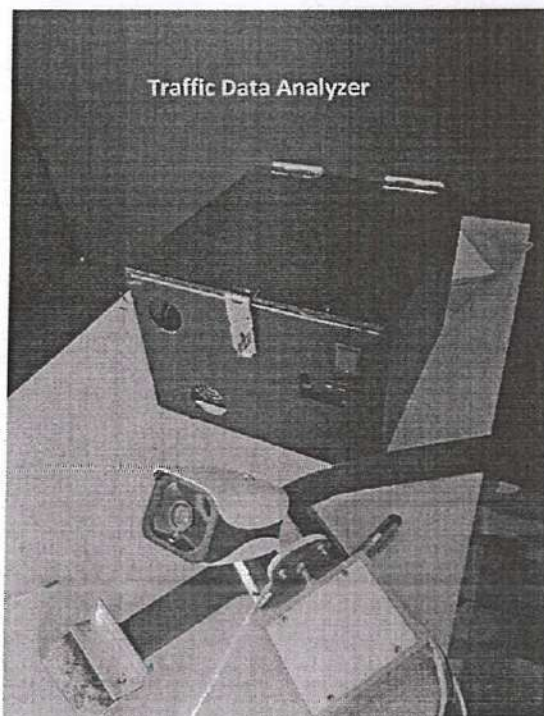


Electric Vehicle – Vehicle Control Unit



3D Solar

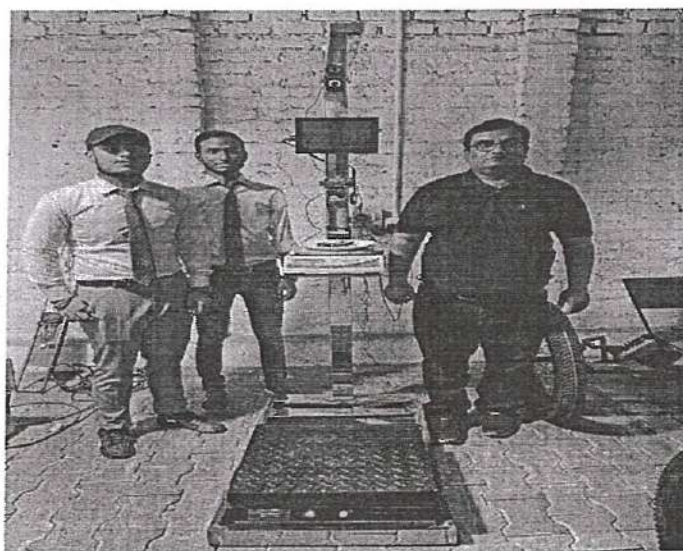
Department of Electronics & Communication Engineering



Traffic Data Analyzer



Milk Spill Control System



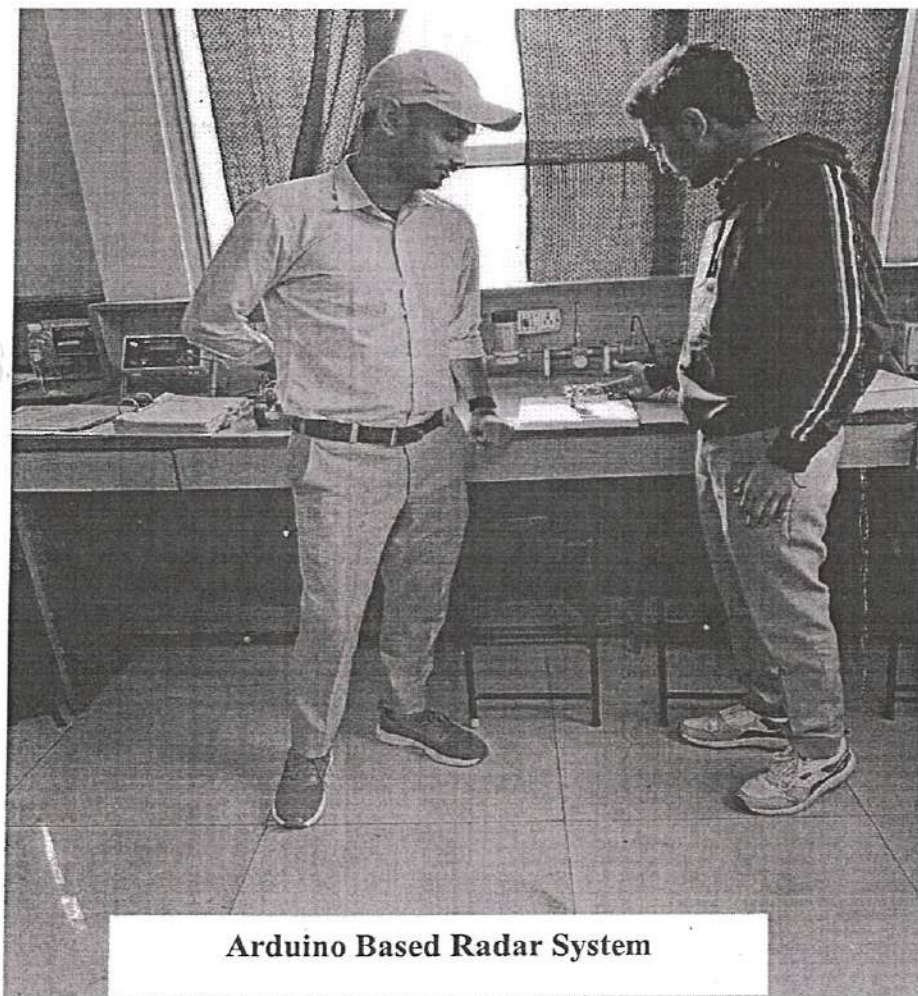
Mid-Day Meal automated management and reporting system



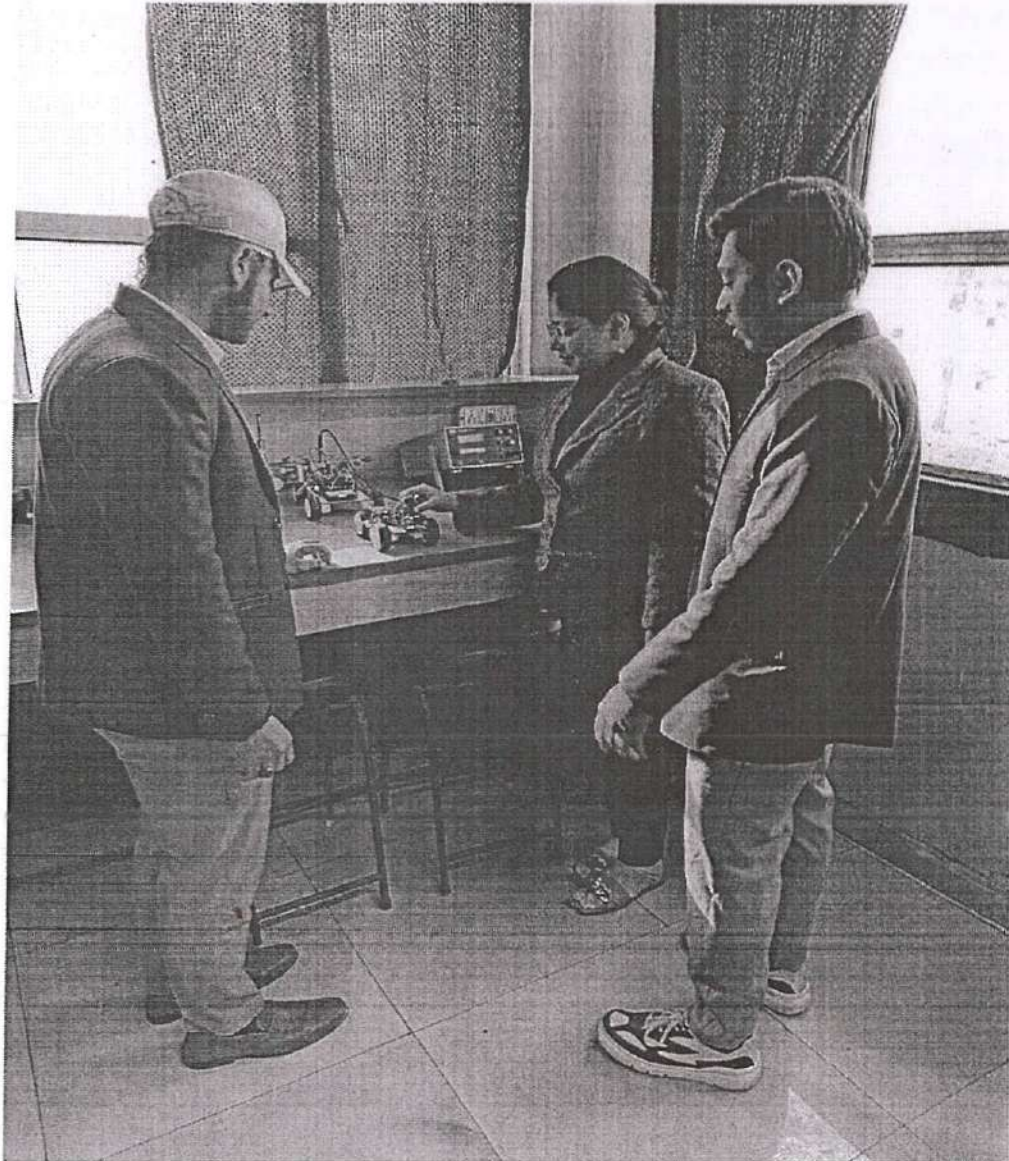
AI Based Stray Livestock System



IOT Based Gas leakage Detector System

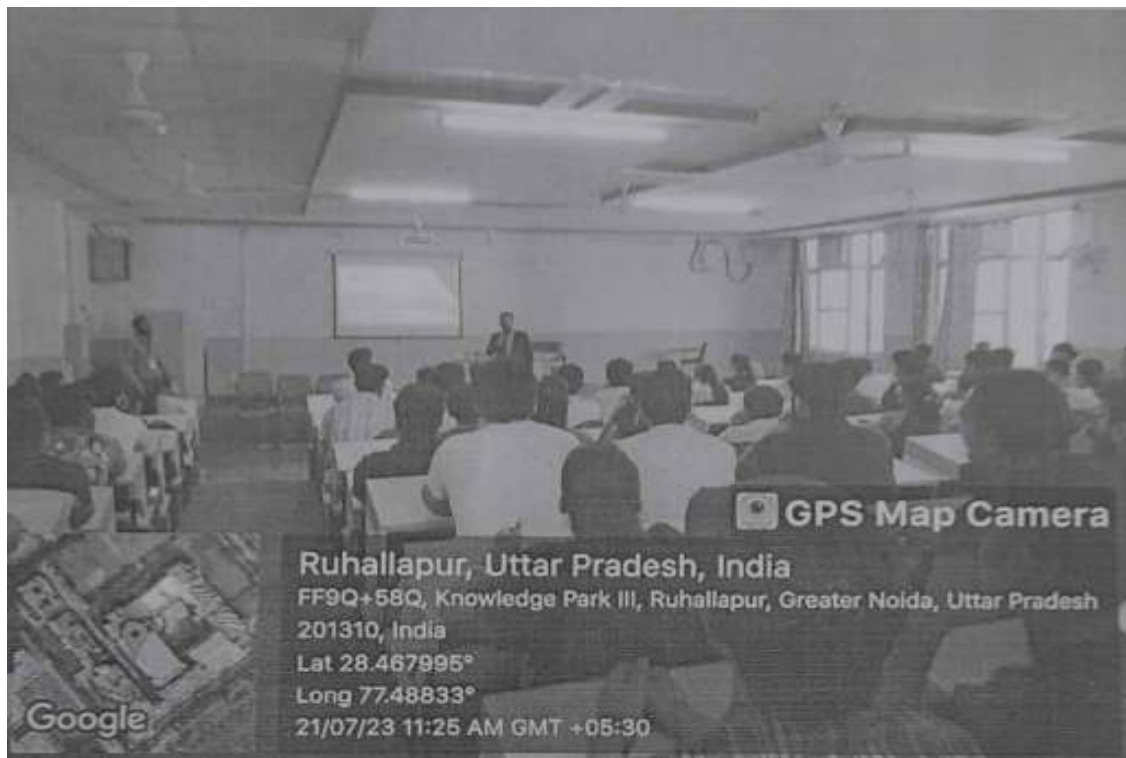


Arduino Based Radar System



Bluetooth Controlled Robotic Car

Placement Training and Summer Internship Programs on “Data Structure & Algorithm Using C” On 14-31-July-2023



I.T.S ENGINEERING COLLEGE
RITUSHA CONSULTANT PVT. LTD
Training
Data structure and Algorithms

RAJEEV KUMAR GUPTA
Training Manager

ANOOP KUMAR VERMA
Sr. Trainer

DAMODAR SWAMI
Trainer

14th July 2023 to 31st July 2023 Time : 9:30AM to 12:30PM & 1:30PM to 4:30PM

Placement Training and Summer Internship Programs on
“Aptitude & Reasoning Training” on 30th June to 11th July,
2023



Hands on Workshop "Introduction to Robotics" on 16-17-June-2023



Farewell Despedida -2K23 on 18-May-2023



IIC Seminar on “Unlocking New Possibilities using Technology” to celebrate National Technology Week on 17-May-2023



ITS ENGINEERING COLLEGE
GREATER NOIDA | SINCE 2008

MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S
INNOVATION
COUNCIL
I.T.S ENGINEERING COLLEGE, GREATER NOIDA

NewGen IEDC

IEEE

INSTITUTION'S INNOVATION COUNCIL
I.T.S ENGINEERING COLLEGE, GREATER NOIDA
 In association with
Department of ECE & EEE
organizes
Seminar on
“Unlocking New Possibilities Using Technology”
To Celebrate
National Technology Week

Mr. Arun Mishra
Founder & CEO
Bizbroly Solutions

Mr. Nitin Jain
Product Manager
Incursion Tech Pvt. Ltd.

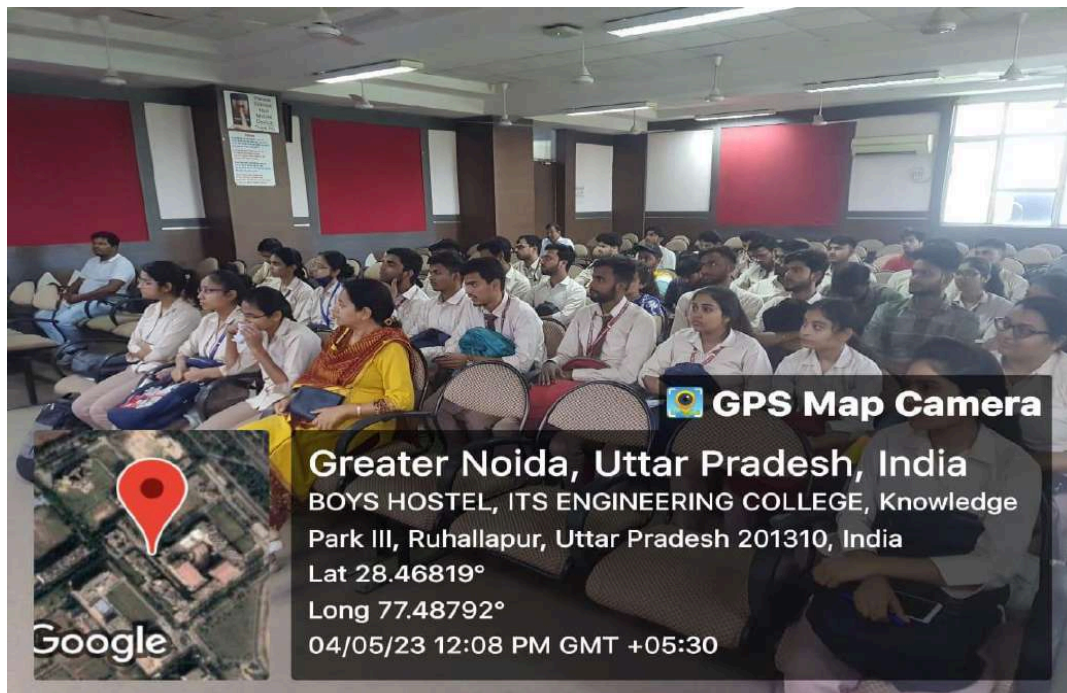
Mr. Saurabh Nishad
Sr. application Engineer,
ST microelectronics Pvt. Ltd.

/itsengggg

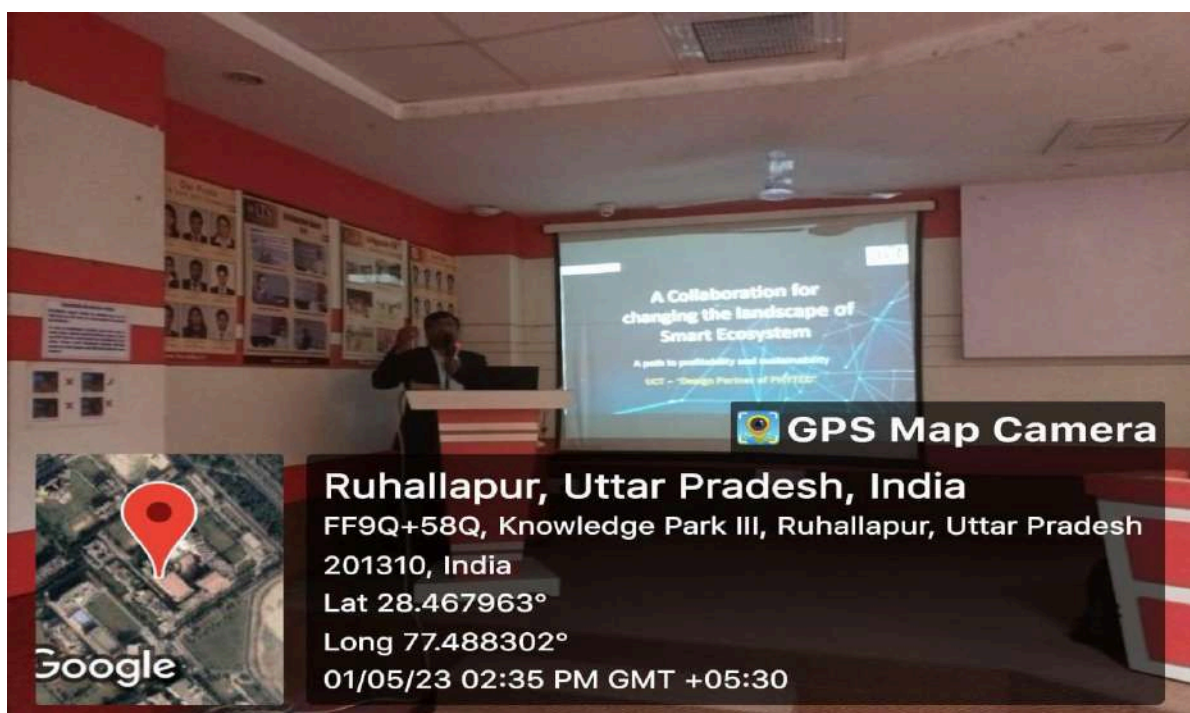
WEDNESDAY
17 May 2023

www.itsengg.edu.in

Seminar on Career Opportunities after B.Tech on 05-May-2023



Workshop on Emerging Trends in Embedded System & IoT on
01-May-2023



Technical Quiz Competition on 24-Apr-2023



Workshop on Industrial Application of IoT on 19-Apr-2023



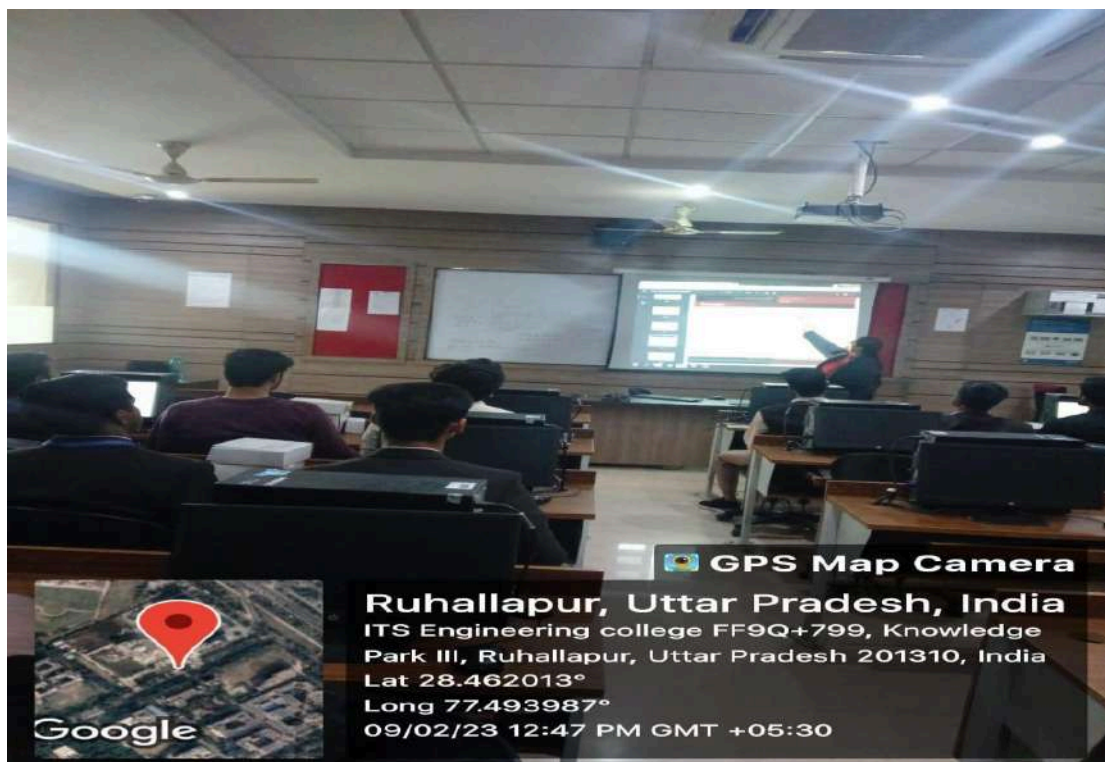
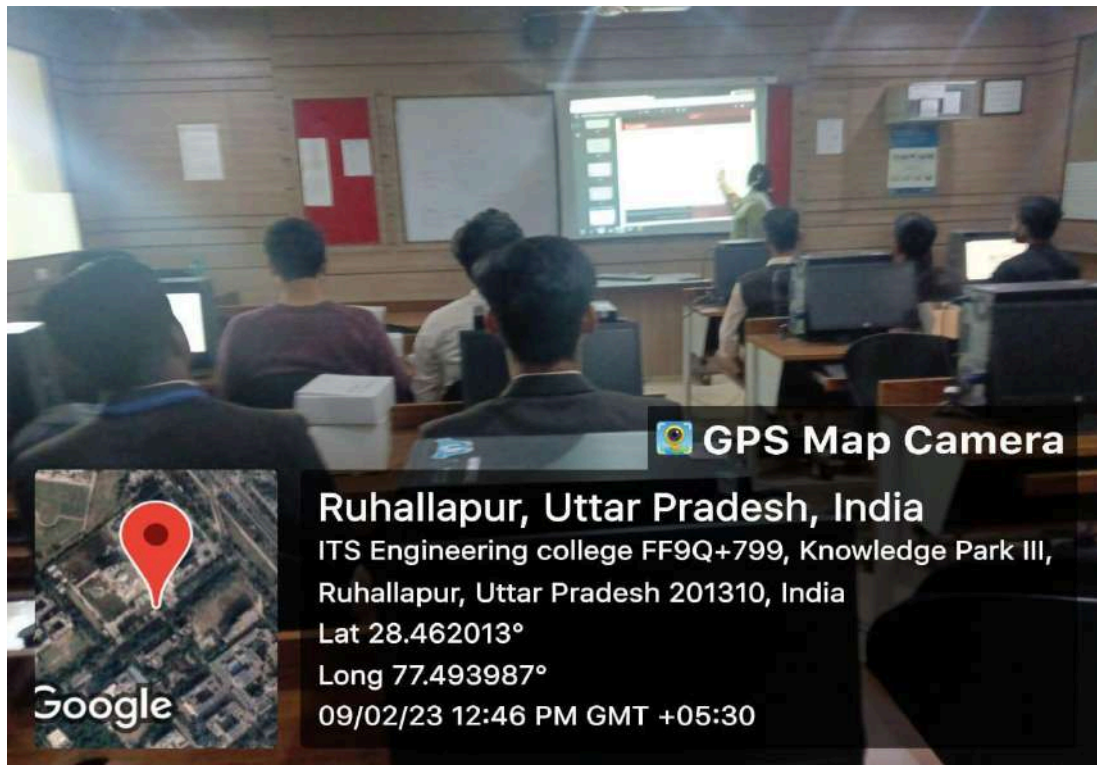
Hands on Workshop: Python Programming and Data Analytics by Cetpa Infotech. Pvt. Ltd on 12-Apr-2023



e-yantra Symposium 2023 at IIT Bombay on 5 & 6- April-2023



Two days workshop on Firebird V Robot on 9 & 10-Feb-2023



Expo visit (ELECRMA_2023) in expo center-Greater Noida for B.Tech
3rd & 4th Year Students on 20th-Feb-2023



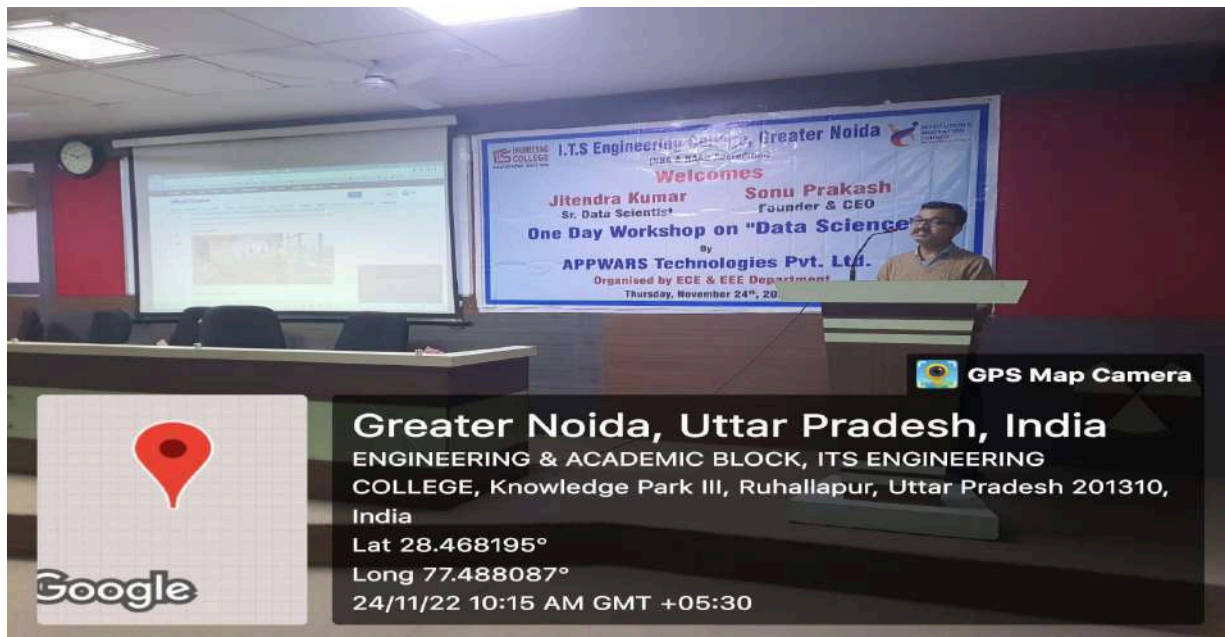
An Auto Expo Visit for students of B. Tech. 2nd ECE at India Expo Centre – Greater Noida (Auto Expo-23, 13-18 January 2023) on 17-Jan-2023



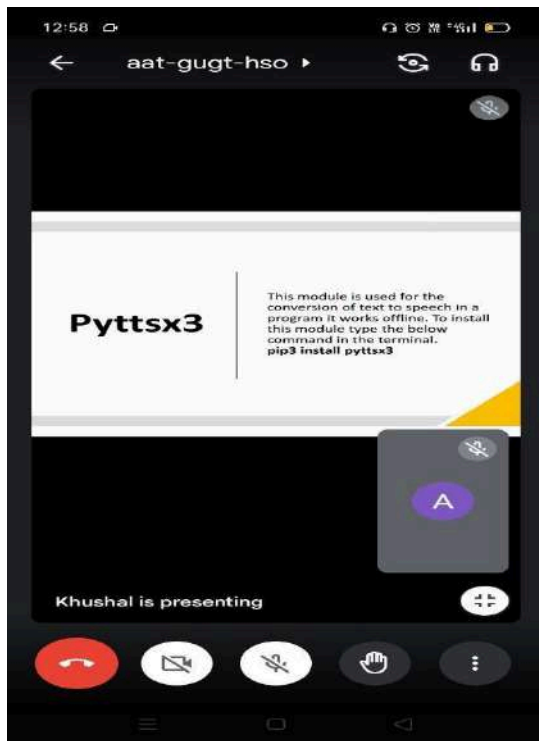
Workshop on Industrial Robotics & Control on 30-Nov-2022.

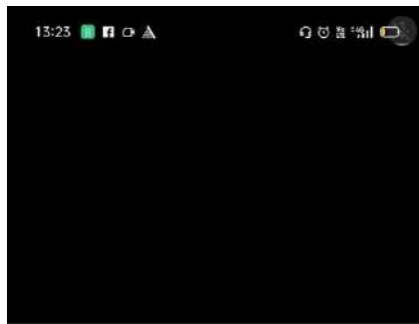


One Day Workshop on Data Sciences on 24-Nov-2022



One Day Workshop on Python Programming: LIVE Projects on 6-Nov-2022






Ecapture

To capture images from your Camera. To install this module, type the below command in the terminal.

```
pip3 install ecapture
```

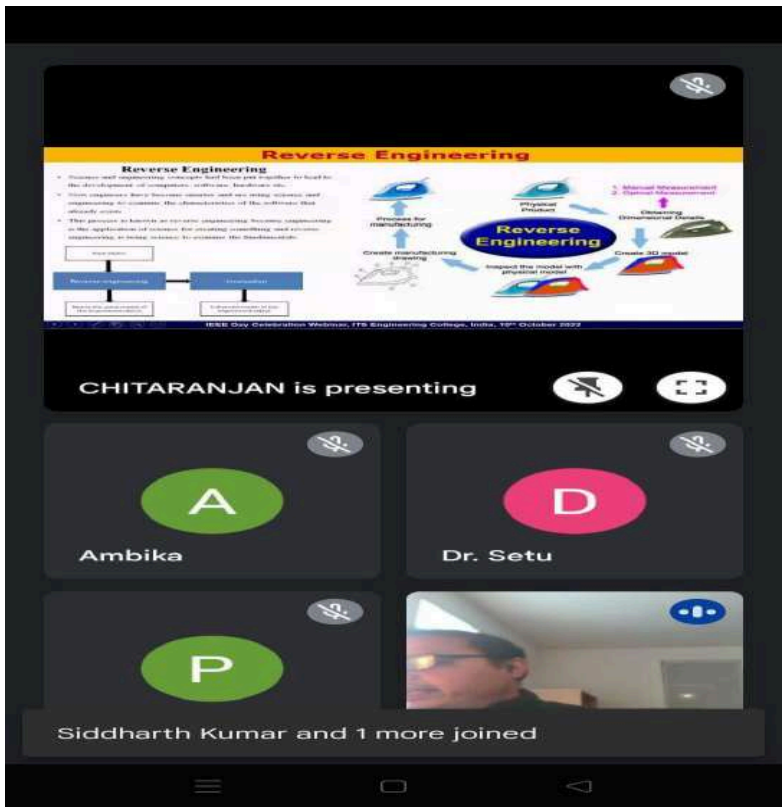
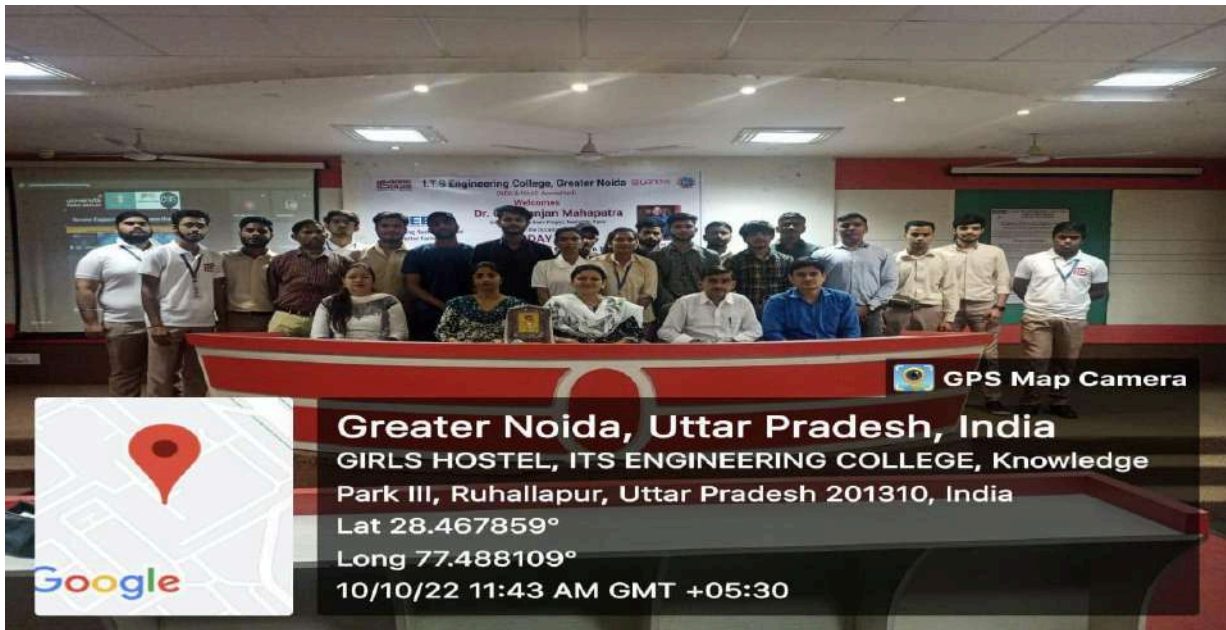


Khushal is presenting

1 Day Workshop on “Industrial Python Programming and its Applications in Machine Learning” on 4-Nov-2022



International Webinar on the topic of Reverse Engineering of the Human Brain by Dr. Chitrnanjan Mahapatra, Scientist Human Brain Project, Nueropsi, Paris, on the occasion of IEEE Day on 10-Oct-2022



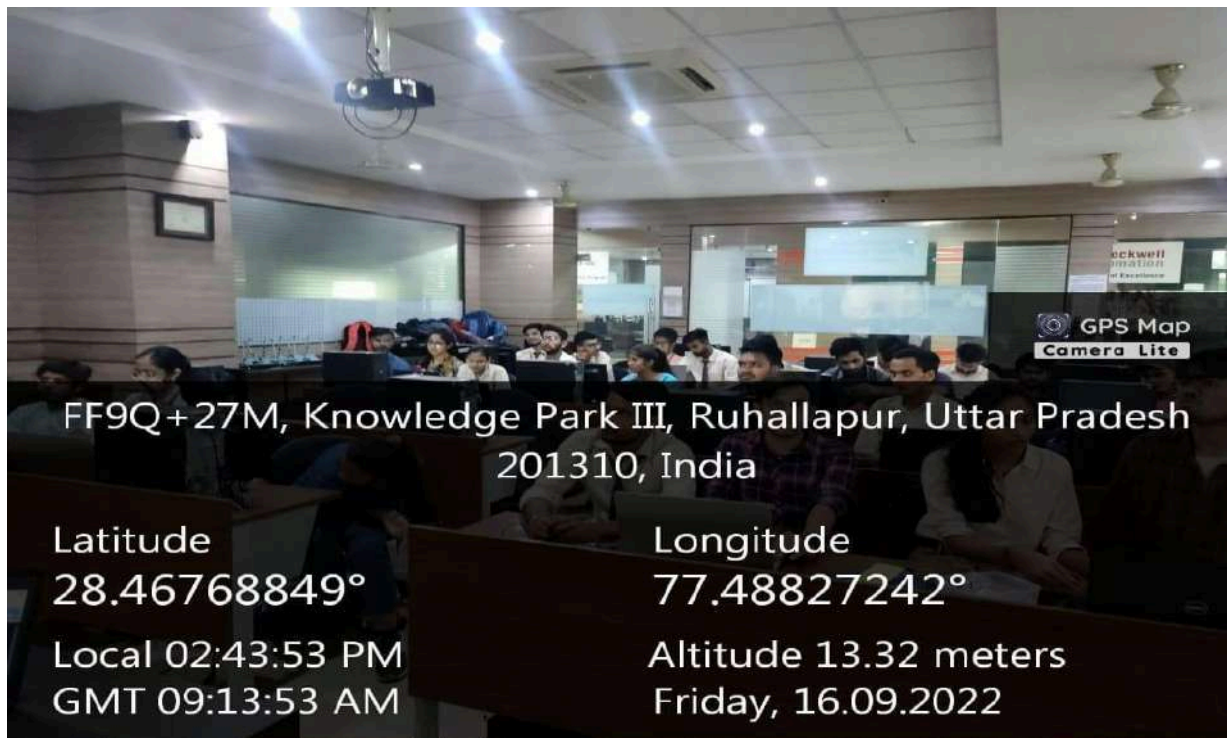
Expert Talk on “Interview Preparation of SDE Jobs” by Mr. Sandeep Jain
(Founder and CEO Geeks for Geeks) on 30-Sep-2022



An Expo Visit for students ECE at India Expo Centre – Greater Noida
(Electronica India September 21–23, 2022) on 23-Sep-2022



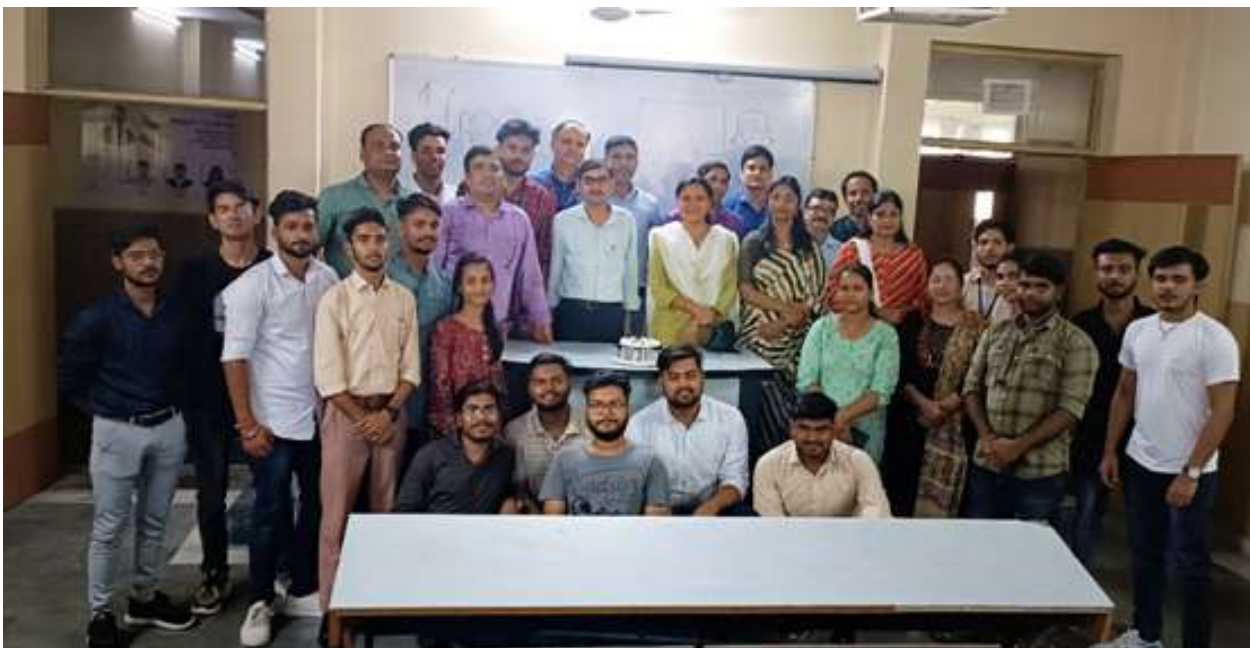
2 Days Hands on Workshop on Internet of Things on the occasion of Engineers' Day on 15 & 16-Sep-2022



Industrial visit at EV India 2022 Expo (Electric Motor Vehicle Show), India Expo Centre, Greater Noida UP on 9-Sep-2022



National Teachers' Day celebration on the birth anniversary of Dr. Sarvepalli Radhakrishnan on 5-Sep-2022



An Industrial Visit for students of B.Tech. 2nd Year & 3rd Year ECE at Neuroscience Laboratory- I.I.T. Delhi. on 20- Aug-2022



3 Days Workshop on “Scope and applications of LabVIEW and e-Yantra in LIVE Industrial Projects” on 17-20-Aug-2022

