

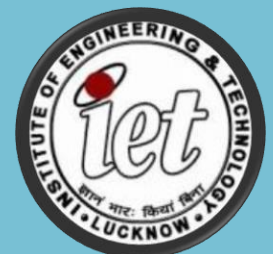
ELECTRONICS ENGINEERING DEPARTMENT

**SOCIETY FOR
ELECTRONICS
EXPLORATION &
DEVELOPMENT**



2020-21

DEPARTMENTAL MAGAZINE



INSTITUTE OF ENGINEERING AND TECHNOLOGY, LUCKNOW

ANNUAL REPORT (2020-21)

Following students were appointed as the member of “**SOCIETY FOR ELECTRONICS EXPLORATION AND DEVELOPMENT (SEED)**” of Electronics and communication Engineering department, Institute of Engineering & Technology.

<p>ADVISORY COMMITTEE:B.Tech4th year</p> <ol style="list-style-type: none"> 1. Saurabh kumar (ECE) 2. Pakhi Gupta (EI) <p>EXECUTIVE COMMITTEE:B.Tech 3rd year</p> <ol style="list-style-type: none"> 1. Pawan kumar (EI) 2. Ayushi Mourya (EI) 3. Chaitanya Sharma(EI) 4. Kartikey Agrahari (ECE) 5. Apoorva Gupta (ECE) 6. Shivam Chawla (ECE) 7. Aditya Shaurya (ECE) 8. Reema Madhesia (ECE) 9. Shristi Singh (ECE) 	<p>WORKING COMMITTEE:B.Tech 2ndyear</p> <ol style="list-style-type: none"> 1. Shatakshi Pandey(EI) 2. Deeksha shukla (EI) 3. Shreya Singh (EI) 4. Yashaswi (EI) 5. Shubham Soni(ECE) 6. Naman Kharbanda(ECE) 7. Himananshu Shrivastav(ECE) 8. Navya Shrivastav(ECE) 9. Adnan Saleem(ECE) 10. Yashi (ECE) 11. Ritika Patel(ECE) 12. Sanskar Bhadauriya(ECE) 	<p>WORKING COMMITTEE: B.Tech 1st year</p> <ol style="list-style-type: none"> 1. Atharva shrivastava (EI) 2. Gauri Singh(EI) 3. Pallavi johri (EI) 4. Harsh Shukla (EI) 5. Himanshu Kumar (EI) 6. Pushpender Yadav (EI) 7. Abhay Tiwari(EI) 8. Aditi Maloo(EI) 9. Kush Tyagi(EI) 10. Divyanshi Jain(ECE) 11. Anubhooti (ECE) 12. Anvisha (ECE) 13. Tushar Sharma (ECE) 14. Richa Gupta (ECE) 	<ol style="list-style-type: none"> 15. Arushi Singh (ECE) 16. Mayank Rai(ECE) 17. Himal Sharma(ECE) 18. Prateek Pal(ECE) 19. Tanmay Gupta(ECE) 20. Aastha Chauhan(ECE) 21. Mridul Pandey(ECE) 22. Akshat Mishra(ECE) 23. Jay Rana(ECE) 24. Lucky Singh(ECE) 25. Mohak Srivastava(ECE) 26. Anshuman Singh(ECE) 27. Harshit Chaurasia(ECE) 28. Abhishek Kumar(ECE)
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TEACHER'S DAY CELEBRATION 2021

Electronics and communication Engineering department, Institute of Engineering & Technology celebrated Teacher's Day on 4th September 2021 in conference room at 2:00 PM -to- 4:00 PM. Saraswatipooja was held followed by different activities like poetry and signing. Pens were distributed by Head of Dept. Dr. Neelam Srivastava as a token of gift to all faculty members.

ॐ सर्वे भवन्तु सुखिनः

प्रभातदर्शन

शिक्षकदिवसविशेष

शिक्षा शिक्षक से मिले शिक्षक की ही पौर।
शिक्षक ही वह देव है जिस समकोई न और ॥
आर्यावर्त यह देश है सुन लो जरा अतीत।
चलते गुरुकुल थे यहां यही पुरानी रीति ॥
सुन जननी माता सभी पितु कर तापरितोष।
गुरु देवे सुज्ञान जब है मिले तभी संतोष ॥
यही अयोध्या भूमि है जह प्रगटे थे श्री राम।
गुरु विश्वामित्र के साथ सहे कष्ट तज विश्राम ॥
राम लखन मुनि साथे तब विद्या पाई हाल।
मुनि मुख की रक्षा करी भये राक्षस कुल के काल ॥
यही वह बृज की भूमि है जह जन्मे थे बृजराज।
बृजको देकर बाल सुख किये सुरोहित काज ॥
वह भी गुरुकुल में पढे की गुरु की मरजाद।
विप्रसुदामा के साथे गुरु मां से ले परसाद ॥
हुये अर्जुन से योद्धा यही जिनके गुरु थे द्रोण।
लक्ष्य भेद सीखा पार्थने वव्यूह भेद हर कोण ॥
महापुरुष गुरु कृपा से हुए जगत विख्यात।
प्रताप परशु भीष्मका नहीं पौरुषकिसको ज्ञात ॥
शिक्षकदिवस शिक्षकोंको सदा रहा प्रेरणाश्रोत।
शिक्षक शिष्य के मध्य नहीं जाति धर्म वगोत्र ॥
शिक्षकदिवस में सब शिक्षक करके निज हृदय स्वतंत्र।
शिष्योंको दें शुभ कामनाएं वनिज उन्नतिके मंत्र ॥
हमारे समाजके वास्तविक शिल्पकार शिक्षक होते हैं।

□ □ आपका दिन मंगलमय हो □ □

भारतरत्न डॉ. सर्वपल्ली राधाकृष्णन जयंती शिक्षकदिवस पर सभी शिक्षकोंको नमन

शिक्षक है शिक्षा का सागर,
शिक्षक बांटे ज्ञान बराबर,
शिक्षक मंदिर जैसी पूजा,
माता-पिता का नाम है दूजा,
प्यासे को जै से मिलता पानी,
शिक्षक है वो ही जिंदगानी, शिक्षक न देखे जात-पात,
शिक्षक न कर तापक्ष-पात,
निर्धन होया हो धनवान,
शिक्षकको सब एक सामान, शिक्षक माझी नावकिनारा,
शिक्षक डूबते को सहारा,
शिक्षक का सदा ही कहना,
श्रम लगन है सच्चा गहना,
----- है पी टी चर डे -----
गुरु ब्रह्मा गुरु विष्णुः
गुरु देवो महेश्वरः।
गुरुः साक्षात्परं ब्रह्म
तस्मै श्री गुरुवे नमः ॥

- गुरु ब्रह्मा हैं, गुरु विष्णु हैं, गुरु ही शंकर हैं।

गुरु ही साक्षात्पर ब्रह्म हैं, उनसद्गुरुको मेरा प्रणाम।



BRAINSTORMING SESSIONS

This year the Electronics and communication Engineering department organised 5 FDPs. These FDPs are listed below

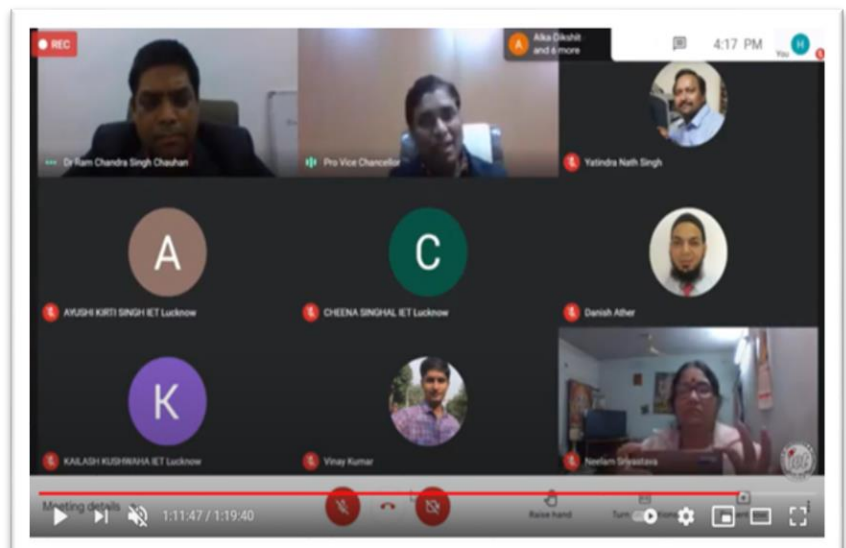
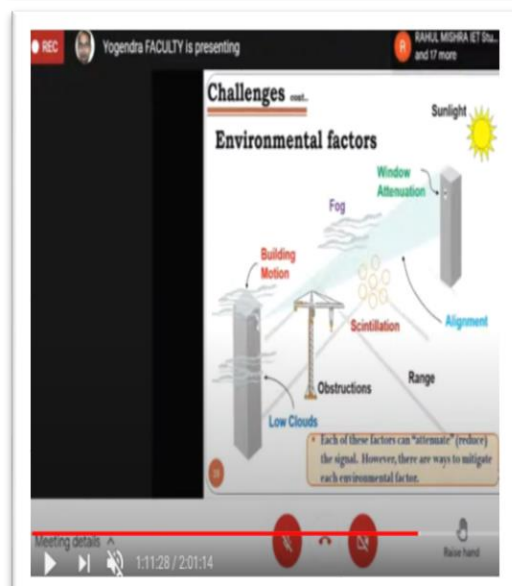
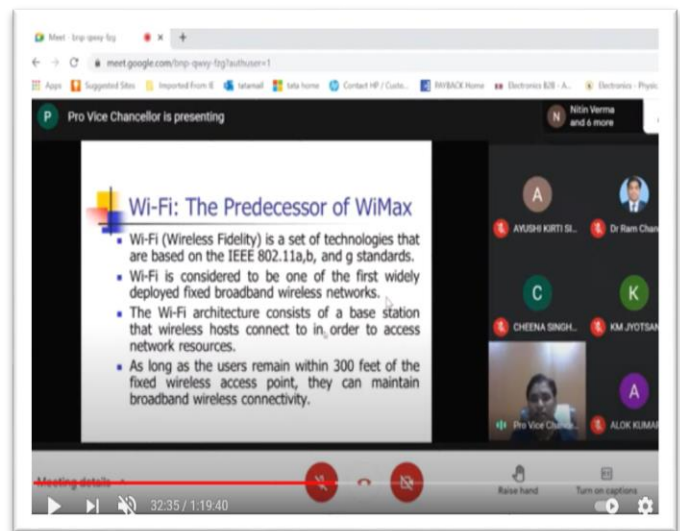
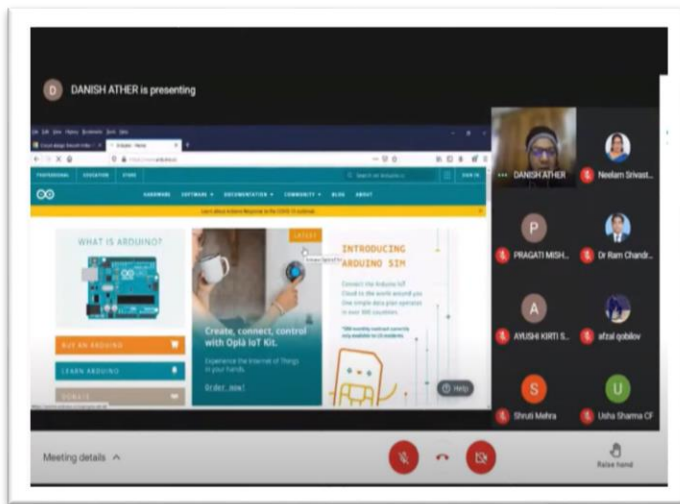
Sr.no	Topic	Date held on
1.	Brain Storming Session on NBA	23 rd June, 2021
2.	Brain Storming Session on NEP 2020	25 th June, 2021
3.	Brain Storming Session on NAAC	7 th and 9 th July, 2021
4.	Awareness program on AICTE Schemes	13 th & 14 th August, 2021
5.	Awareness program on Autonomy	9 th Sept, 2021

EXPERT LECTURE SERIES

IEEE student branch of Department of Electronics and Communication Engineering, Institute of engineering and technology conducted the lecture on every Saturday from 09-01-2021 to 06-02-2021. Special expert lectures were organized under this program which was beneficial to students and research scholars. The all lectures were conducted via online using google meet platform also live on official YouTube channel of IET Lucknow. The details of the same are mentioned below:

Sr.no	Topic	Date held on
1.	Expert lecture on :IoT hands on workshop on Arduino Microcontroller	9 th January, 2021
2.	Expert lecture on :Transforms and its applications	16 th January, 2021
3.	Expert lecture on :Optical Wireless Communication	23 rd January, 2021
4.	Expert lecture on :Wireless sensor networks	30 th January, 2021
5.	Expert lecture on :Interface Standards for Microcontrollers	6 th February, 2021

GALLERY:



**TEQIP III SPONSORED WORKSHOP/ CLASSES CONDUCTED UNDER THE
TWINNING ARRANGEMENT BETWEEN PONDICHERRY ENGINEERING
COLLEGE, PUDUCHERRY & INSTITUTE OF ENGINEERING AND
TECHNOLOGY, LUCKNOW**

Twinning programme was organised between Pondicherry Engineering College, Puducherry & Institute of Engineering and Technology, Lucknow. Details like Faculty, Schedule, google links etc for various technical lectures between Electronics & Communication Department, Institute of Engineering and Technology, Lucknow and Pondicherry Engineering College, Puducherry for faculties and students under TEQIP III twinning activity are given as follows.

Sr.no	Topic	Date held on
1.	Expert lecture on : National scenario of development of microwave devices	6 th February, 2021
2.	Expert lecture on : Interface Standards for Microcontrollers	6 th February, 2021
3.	Expert lecture on: Challenges in 5G and beyond in communication system	8 th February, 2021
4.	Expert lecture on : Transforming students from job seekers to job givers	9 th February, 2021
5.	Expert lecture on : Digital filter image processing	10 th February, 2021
6.	Expert lecture on : IoT based instrument control	11 th February, 2021
7.	Expert lecture on : Cognitive radio network for 5G	11 th February, 2021
8.	Expert lecture on : Digital filter	12 th February, 2021
9.	Expert lecture on : Advance digital circuit design	13 th February, 2021



Welcome in IETL series



Challenges in 5G and beyond in mobile Communication system

Presented By:



Dr. L. Nithyanandan
Department of Electronics &
Communication Engineering
Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Transforming students from job seekers to job givers

Date-9-02-2021

Time-10AM

Presented By:



Dr. B. Hema Kumar

Department of Electronics & Instrumentation Engineering,
Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



National Scenario of Development of Microwave Devices

Join with Link:

<https://meet.google.com/dfb-vwea-zwf>

Dated : 06 Feb, 2021

Time : 10:00 AM

Take Part in:

- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.
- ❖ Faculties.

Presented By:



Dr. Rajiv Kumar Singh
Assistant Professor

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Dated : 10 Feb, 2021

Time : 10:00 AM to 11:00 AM

Digital Filters in Image Processing

Take Part in:

- ❖ All ECE students.
- ❖ All M. Tech. Scholars.
- ❖ Ph.D. Scholar.
- ❖ Faculties.

Presented By:



Dr. GNANOU FLORENCE SUDHA
Professor & Head

Department of Electronics & Communication Engineering,
Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Advance Digital Circuit Design

Join with Link:

<https://meet.google.com/kgs-pxkb-vaw>

Dated : 13 Feb, 2021

Time : 10:00 AM

Take Part in:

- ❖ Faculties.
- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.

Presented By:



Dr. Subodh Wairya
Professor

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Digital filter

Join with Link:

<https://meet.google.com/you-akkb-pci>

Date: 12 Feb, 2021

Time : 04:00 PM

Take Part in:

- ❖ Faculties.
- ❖ ECE Student
- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.

Presented By:



Dr. RCS Chauhan,
Associate professor

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Cognitive Radio Networks for 5G

Join with Link:
<https://meet.google.com/xgh-kkfb-wwa>

Date: 11 Feb, 2021
Time : 10:00 AM to 11:00 AM

Take Part in:

- ❖Faculties.
- ❖ECE Student
- ❖M. Tech. Scholars.
- ❖Ph.D. Scholar.

Presented By:



Dr. Neelam Srivastava
Professor & Head

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



IoT based Instrument control

Join with Link: <https://meet.google.com/tbt-mnbh-qsj>
Or YouTube Link:
<https://www.youtube.com/watch?v=W5672CaUz1g>

Date 11-02-2021
Time 3 PM

Take Part in:

- ❖EC/EI students.
- ❖M. Tech. Scholars.
- ❖Ph.D. Scholar.
- ❖Faculties.

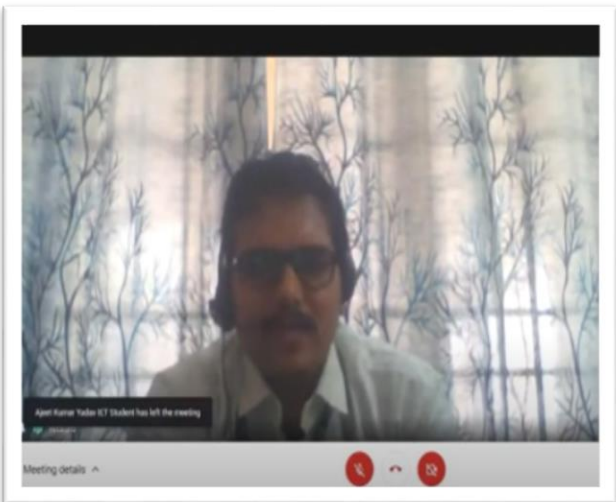
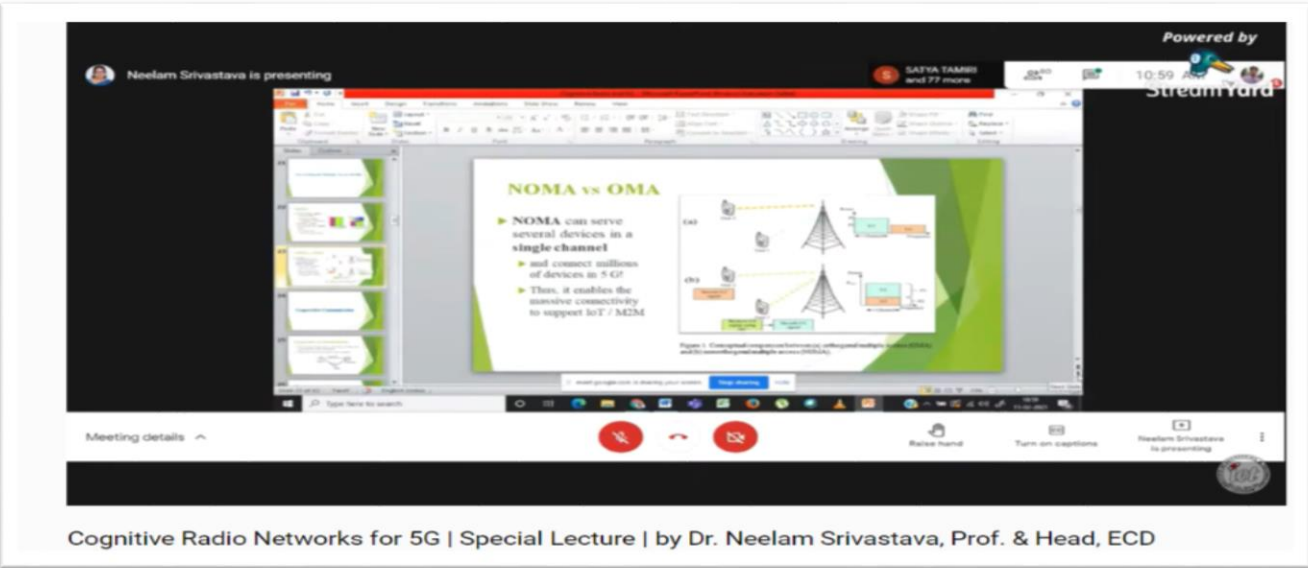
Presented By:



Dr. B. Hema Kumar
Professor

Department of Electronics & Instrumentation Engineering,
Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Vaccination Drive

In view of COVID -19 pandemic as per AKTU order dated 29.06.2021, Institute of Engineering and Technology conducted vaccination program on 3 July 2021 on initiative of Registrar IET Dr. Pradeep Bajpai and program was completed successfully under the guidance of DR. RCS Chauhan, with the help of Volunteers members of the **Electronics and Communication Engineering Department**. Total numbers of people vaccinated in this drive is around 480.



Aaganwadi Training Program

In view of NEP, 3 days aaganbadi training programme was conducted at the institute which was inaugurated by Hon'ble Chancellor & Governor of U.P. Smt Anandiben Patel. The program coordinator was Dr. RCS Chahuan **Electronics and Communication Engineering Department** and Er. Sheetal Singh, Er. Harshita Tiwari, Er. Purna, Er. Priyanka Shakya and Er. Yogya Mehrotra was in the auditorium team from the department.



ONLINE CULTURAL ACTIVITIES (SEED)

Society for Electronics Exploration and Development (SEED) of Electronics and communication Engineering department, Institute of Engineering & Technology has organized cultural activities via online mode on 10th July 2021 at 2:00 PM -to- 4:00 PM for which the following faculties have been appointed as the faculty advisor/coordinator.

List of the programs and selected participants are given below:

SINGING(HINDI)

- | | |
|-------------------------------------|-------------------------|
| 1. ATHARVA SHRIVASTAV-2000520320019 | EI-1 st year |
| 2. SANSKAR BHADAURIYA | EC-2 nd year |
| 3. SHUBHAM SONI-1900520310059 | EC-2 nd year |
| 4. PALLAVI JOHRI -1900520320033 | EI-2 nd year |

SINGING (ENGLISH)

- | | |
|---------------------------------|-------------------------|
| 1. DEEKSHA SHUKLA-1900520320023 | EI-2 nd year |
| 2. DIVYANSHI JAIN-2000520310022 | EC-1 st year |

POETRY

- | | |
|---|-------------------------|
| 1. ANUBHOOTI AGARWAL(HINDI) -2000520310016 | EC-1 st year |
| 2. HARSH SHUKLA(HINDI)-2000520320026 | EI-1 st year |
| 3. DEEKSHA SHUKLA(ENGLISH)-1900520320023 | EI-2 nd year |
| 4. ANVISHA CHARURVEDI (ENGLISH)-2000520310018 | EC-1 st year |

SHAYARI

- | | |
|-------------------------------------|-------------------------|
| 1. MOHAMMAD YAWAR HAQ-1900520320030 | EI-2 nd year |
| 2. RUDRA PRATAP SINGH | EC-2 nd year |

INSTRUMENTALIST

- | | |
|--------------------------------|-------------------------|
| 1. ADITYA PANDEY-2000520310006 | EC-1 st year |
| 2. TUSHAR SHARMA-2000520310063 | EC-1 st year |

RAP

- | | |
|---------------------------------|-------------------------|
| 1. HIMANSHU KUMAR-2000520320029 | EI-1 st year |
|---------------------------------|-------------------------|

BEATBOXING

- | | |
|-------------------------------|-------------------------|
| 1. JYOTIRADITYA-1900520310025 | EC-2 nd year |
|-------------------------------|-------------------------|

DANCING

- | | |
|------------------------------|-------------------------|
| 1. RICHA GUPTA-2000520310047 | EC-1 st year |
|------------------------------|-------------------------|

Patron:

Prof. NeelamSrivastava

Head of Department, Electronics &Communication Engineering,

Institute of Engineering & Technology Lucknow, UP.

Faculty advisor: Dr. Ram Chandra Singh Chauhan

Program Convener

Electronics &Instrumentation Engineering Program.

Faculty co-advisor: Er. ShradhanandVerma

Assistant Professor

Electronics &Instrumentation Engineering Program.

Faculty co-advisor: Dr. Prerana

Assistant Professor

Electronics &Instrumentation Engineering Program.

Gallery:



