Editorial Board:
Faculty Members
- Dr. Vandana Vikas Thakare HOD
- Dr. Shubhi Kansal

Student Members
Prayansh Shrivastava
(EC-4th year)

Contact:
electronicsnewsletter@gmail.com

DEPARTMENT OF ELECTRONICS ENGINEERING

NEWSLETTER   October-December 2023/Issue-4

Content

1. FDP/STC Attended(Outside/Inside) the Institute.

2. Activities Organized(Workshop/Conference/FDP) at Institute Level.

3. NPTEL/ATAL/Coursera/Internshala attended by faculty.

4. Publication SCI/Scopus/UGC with DOI number.

5. Student Club Activities Organized.

6. Departmental Activities.

DEPARTMENT OF ELECTRONICS ENGINEERING

1. Dr. Karuna Markam, Dr. Sushmita Chaudhari , Dr. Jenkin Suzi and Mrs. Pooja Sahu successfully completed the MPCST funded FDP on *Grant writing IPR and publication strategy* from 27 Nov 2023 to 1 Dec 2023.

2. Dr. Rahul Dubey successfully completed NPTEL FDP on *Accreditation and outcome based learning.*

3. Dr. Shubhi kansal successfully completed Microsoft, SAP & AICTE led FDP on *Applied Cloud Computing for Full Stack Web Development* under TechSaksham from 6 Nov 2023 to 10 Nov 2023.

4. Mr. Rachit Jain successfully completed FDP on *Building Advanced data analytics applications with cloud*, under Next Gen Employability program, from 30 Oct 2023 to 03 Nov 2023.

DEPARTMENT OF ELECTRONICS ENGINEERING

3. NPTEL/ATAL/Coursera/Internshala attended by faculty.

1. Dr. Laxmi Shrivastava successfully completed a 12 week NPTEL course on Electromagnetic theory in elite category from July-Oct 2023.

2. Mr. D.K Parsedia successfully completed NPTEL FDP on " The Joy of Computing using Python".

3. Dr. R.P Narwaria successfully completed NPTEL FDP on " The Joy of Computing using Python".

4. Dr. Jenkin Suji successfully completed a 12 week NPTEL course on Electromagnetic theory in elite category from July-Oct 2023.

5. Mr. Madhav Singh successfully completed NPTEL FDP on "Microelectronics Devices to circuits.

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

MADHAV SINGH

for successfully completing the course

Microelectronics: Devices to Circuits

with a consolidated score of **57** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2023)

Roll No: NPTEL23EE120S836701054

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to

DEEP KISHORE PARSEDIYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **45** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2023)

Roll No: NPTEL23CS108S636700937

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

TOPPER

This certificate is awarded to

LAXMI SHRIVASTAVA

for successfully completing the course

Electromagnetic Theory

with a consolidated score of **79** %

Online Assignments	23.44/25	Proctored Exam	55.1/75

Total number of candidates certified in this course: **82**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Oct 2023

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL23EE97S536700598   To verify the certificate   No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

R JENKIN SUJI

for successfully completing the course

Electromagnetic Theory

with a consolidated score of **66** %

Online Assignments	23.75/25	Proctored Exam	42/75

Total number of candidates certified in this course: **82**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Oct 2023

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL23EE97S636701344   To verify the certificate   No. of credits recommended: 3 or 4

NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RAVINDRA PRATAP NARWARIA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **56** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2023)

Roll No: NPTEL23CS108S636701209

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24ᵗʰ July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

EY Building a better working world

ATAL

Skill India

edunet foundation

CERTIFICATE
—— OF COMPLETION ——

This certificate is presented to

Mr. Rachit Jain

has successfully completed the 5 days Faculty Development Program on

Building Advanced Data Analytics Applications With Cloud

under **Next Gen Employability Program**

from **30/10/2023** to **03/11/2023**.

Nagesh Singh
Executive Director
Edunet Foundation

ID: NGEP23_14995

This certificate can be verified by scanning the QR code at
https://nextgen.edunetworld.com/verify-certificate

Dr. Ramesh Unnikrishnan
Advisor-II
AICTE

1. **Parsediya, Deep Kishore** and **Singhal, Pramod Kumar**. "Analysis of 5G Rotman beamforming lens antenna for higher beam angle and minimum phase error" Frequenz, 2023. https://doi.org/10.1515/freq-2023-0239

.

2. **Suji, R.J.**, Bhadauria, S.S. and Godfrey, W.W., 2023. A survey and taxonomy of 2.5 D approaches for lung segmentation and nodule detection in CT images. Computers in Biology and Medicine, p.107437.

3. **Madhav Singh**, Sigmoid Function based Energy Optimization Strategy for Multihop Routing in WSNs ICSISCET 2023 ,MITS Gwalior

4. **Madhav Singh,** .Performance Analysis of IOT Based Wireless Sensor Network and Its Graphical User Interface for Air Quality Monitoring-15th International Conference on Computational Intelligence and Communication Networks (CICN-2023) held during 22-23, December 2023 at Bangkok, Thailand.

5. A. S. Mamatha, G. Yasoda, T. Blesslin, Gurunath.T, **Shubhi kansal**, M. Pushpavalli , Energy efficient and intelligent routing algorithm using DAI and self organizing map hybrid algorithm for future optical wireless communication, Optical and Quantum electronics, Springer , Nov 2023.
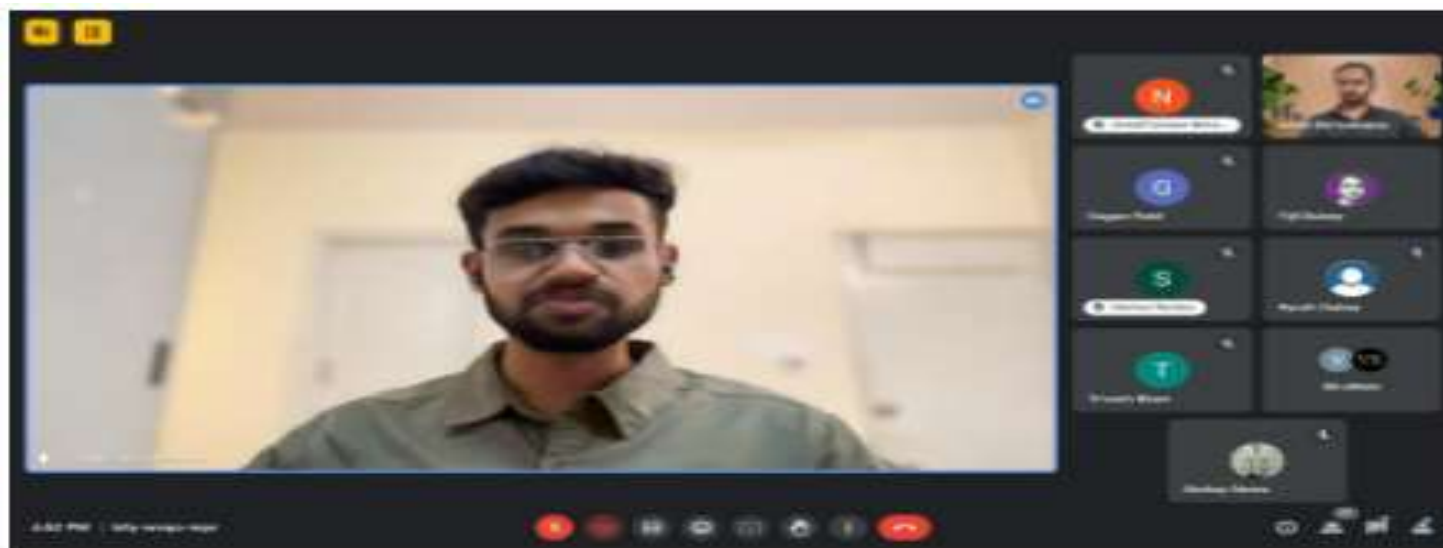
5. S TUDENTS CLUB ACTIVITIES

1. Codathon 2.0 was organized at Nodal level by IETE student's forum on 7 and 8 Oct 2023. Total 350 plus students participated in the event.

2. A seminar on Campus to career was organized on 4 Nov 2023 by IETE student's forum .

3. A workshop was organized on Gateway to success: navigating the future on 17 Nov 2023 by IETE student's forum .