

KEYSTONE SCHOOL OF
ENGINEERING

ELECTRO CONNECT

ELECTRONICS AND
TELECOMMUNICATION



DEC 2024

VOL.1, ISSUE 1

From Director's Desk



It is with great pride that I commend the Department of Electronics and Telecommunication Engineering for publishing this insightful newsletter. Such initiatives not only showcase the department's achievements but also foster a culture of knowledge sharing and innovation.

The dynamic field of E&TC engineering plays a crucial role in shaping the future, from modern communication systems to groundbreaking applications in AI and IoT. Our students and faculty members have consistently demonstrated excellence in academics, research, and extracurricular activities, making our institution a center of learning and innovation.

My heartfelt congratulations to the team for their hard work and dedication in curating this edition. Let this newsletter serve as an inspiration for all to aim higher and achieve greater milestones.

Best wishes,

Prof. Y. R. Soman
Director
Keystone School of Engineering

From Principal's Desk



It is a pleasure to present the latest edition of the E&TC Engineering Newsletter. This publication reflects the vibrant academic, technical, and co-curricular activities that define our department.

As technology continues to evolve at an unprecedented pace, the field of Electronics and Telecommunication Engineering offers boundless opportunities to innovate and contribute to society. At our institution, we strive to provide not just education, but also a platform for creativity, research, and hands-on learning. I encourage all of you to make the most of these opportunities and to stay curious, motivated, and inspired.

Congratulations to the editorial team and contributors for bringing this newsletter to life. I look forward to seeing more achievements and initiatives highlighted in the future editions.

Prof. Sandeep Kadam
Principal
Keystone School of Engineering

From HOD's Desk



It gives me immense pleasure to present the latest edition of our department's newsletter. This publication serves as a window into the vibrant academic and research ecosystem of the Electronics and Telecommunication Engineering Department. The field of E&TC is evolving rapidly, with cutting-edge advancements in areas such as IoT, 5G communications, AI, and VLSI design. Our department continues to align its curriculum, research initiatives, and industry collaborations to ensure that our students and faculty are at the forefront of these technological developments.

I extend my heartfelt gratitude to the editorial team and contributors who have worked diligently to bring this publication to life. I also encourage all readers to provide their valuable feedback and suggestions, which will help us continuously improve and bring meaningful content in future editions.

Let us all continue to strive for excellence and innovation, making our department a hub of knowledge and creativity in the E&TC domain.

Prof. Sharwari Kulkarni
E&TC Department

From Chief Editor



It is with great enthusiasm that I present to you the 1st edition of our E&TC Department Newsletter. This platform serves as a bridge to connect, inform, and celebrate the achievements of our vibrant department community.

In this edition, you will find highlights of the accomplishments of our students and faculty, including research publications, participation in technical events, and innovative projects. We are proud to showcase how our department is contributing to the fields of smart systems, sustainable technologies, and next-generation communication networks.

I am also thrilled to share updates on the various workshops, expert lectures, and industry interactions organized over the past semester. These activities aim to bridge the gap between academic learning and practical application, providing a holistic learning environment for our students.

Prof. Sheetal Waghchaware
E&TC Department

Guest Lecture



AI WITH DL WORKSHOP



Pune, Maharashtra, India
CWWP+QXQ Keystone School Of Eng

MR. MAYUR GHADGE
01/10/2024

INTRODUCTION TO INDUSTRY 4.0



MR. MANDAR PARGI
30/09/2024

C.O.D.E.



ENGINEERS DAY



**ENGINEERS DAY
CELEBRATION 15/09/2024**

IOT CLUB INAGURATION



**IOT CLUB FOR
STUDENTS**

Faculty Achievements

FDP, STTP, Workshops,
Research Publications, Journal Papers
Conferences, Research Projects

PROF. SHARWARI KULKARNI

01

PROF. SHEETAL WAGHCHAWARE

04

PROF. DEEPALI MISAL

01

PROF. SUVARNA PHULE

02

PROF. RUPALI NALE

03

PROF. POONAM NAZIRKAR

01

Faculty Awards

NPTEL

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHEETAL WAGHCHAWARE
for successfully completing the course

Digital Circuits

with a consolidated score of **71** %

Online Assignments	24.78/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 3425

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24EE147S956100078 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
RUPALI SHRIDHAR NALE
for successfully completing the course

Cloud Computing

with a consolidated score of **81** %

Online Assignments	23.6/25	Proctored Exam	57.03/75
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Total number of candidates certified in this course: 30816

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS118S952002157 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
DEEPAJI BAJIRAO MISAL
for successfully completing the course

Analog Circuits and Systems

with a consolidated score of **62** %

Online Assignments	16.13/25	Proctored Exam	45.75/75
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Total number of candidates certified in this course: 241

Jul-Sep 2024
(8 week course)

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL24EE81S244800875 To verify the certificate

No. of credits recommended: 2 or 3

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PROF. POONAM NILESH NAZIRKAR
for successfully completing the course

**Principles of Modern CDMA/ MIMO/ OFDM
Wireless Communications**

with a consolidated score of **88** %

Online Assignments	22.42/25	Proctored Exam	66/75
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Total number of candidates certified in this course: 216

Aug-Oct 2024
(8 week course)

Prof. B. Y. Rathish Kumar
Chairman, Center for Continuing Education
IIT Kanpur

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL24EE151S552003475 To verify the certificate

No. of credits recommended: 2 or 3

Student Awards

NPTEL

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SAKSHI SATISH DURGE
for successfully completing the course

Cloud Computing

with a consolidated score of **67** %

Online Assignments	24.38/25	Proctored Exam	42.44/75
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Total number of candidates certified in this course: 30816

Jul-Oct 2024
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL24CS118S952002178 To verify the certificate

No. of credits recommended: 3 or 4

SWAYAM ONLINE COURSE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SARANG DHANANJAY POTPITE
for successfully completing the course

Database Management System

with a consolidated score of **53** %

Online Assignments	18.1/25	Proctored Exam	35.1/75
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Total number of candidates certified in this course: 891

Jul-Oct 2024
(12 week course)

Aligarh Muslim University

SWAYAM ONLINE COURSE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ASHVINI AJINATH KHEDKAR
for successfully completing the course

Database Management System

with a consolidated score of **48** %

Online Assignments	17.44/25	Proctored Exam	30.5/75
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Total number of candidates certified in this course: 891

Jul-Oct 2024
(12 week course)

Aligarh Muslim University

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUPRIYA SANJAY KALE
for successfully completing the course

Modern Digital Communication Techniques

with a consolidated score of **51** %

Online Assignments	19.35/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 210

Jul-Oct 2024
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL24EE119S652004604 To verify the certificate

No. of credits recommended: 3 or 4

Student Achievements

FOSS

Sr. No.	Class	Subject	Appeared students	Passed students
1	BE	LaTeX	14	14
2	TE	Arduino	43	41
3	SE	C and Cpp	15	12

Class	Student Name	Score
BE	Deepali Kumawat	84.44%
TE	Komal Kakade	95%
	Sayali Deshmukh	95%
	Ganesh Ingale	95%
SE	Simran Mane	82.50%

Student Achievements Certification Courses

