Date: 27-03-2025

<u>NOTICE</u>

All Students of E&TC Engineering hereby informed that we are going to organized Alumni Interaction Session on,

"Different Stages in Project Development"

Day and Date: ***Friday, 28th March, 2025***

Venue: ***Class Room No. 09, 3rd Floor, E&TC Department.***

Time: ***1.30 pm onwards***

Note: 1. Attendance is mandatory for all the students.

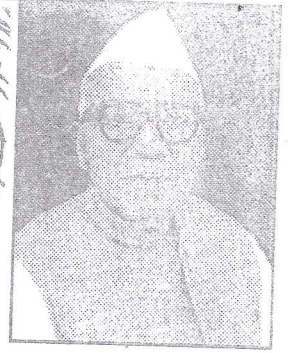Alumni Co-ordinator
Mrs. P. S. Jadhav

HOD
Mr. A. A. Ranaware

Department Vision Statement
The Electronics & telecommunication Engineering department aims to produce high quality engineers specially in rural areas to meet technological needs of Industry and society.

E&TC Department Mission Statement
1. To create competent and skilled engineers suitable for industry in the field of Electronics and Telecommunication engineering.
2. To develop professional and soft skills with moral values in the students.
3. To build awareness about ethical and environmental values among students.

PHALTAN EDUCATION SOCIETY
COLLEGE OF ENGINEERING

(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)
Shreemant Shivajiraje.Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523
E-mail : coeprincipal@yahoo.in | Website : www.coephaltan.edu.in

Accrediated with NAAC 'A' Grade

Hon. Shreemant Sanjivraje Naik Nimbalkar	Prof.Dr. N. G. Narve
Secretary, P. E. S.	Principal

Ref. No. : COE-8(4) Mar-25

Date : 27|3|2025

To
Ms. Rutika Bhoi
Embedded Engineer,
Techeureka Solutions and Services, Pune

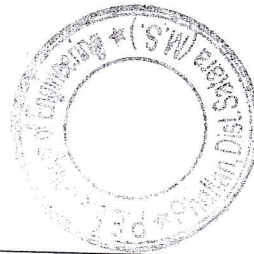Subject: - Invitation Letter.

Dear Madam,

Phaltan Education Society's College of Engineering, Phaltan (Degree) is a well-known Engineering Institute in the Satara region affiliated to DBATU Lonere, running various Degree courses in our esteemed institute.

It is our immense pleasure to invite you to conduct an Alumni interaction session for Degree E&TC students on **"Different Stages in Project Development"** on 28th March, 2025 at **1.30 pm** onwards. Kindly communicate your acceptance and the required facilities for conducting the Session at the earliest. This will enable us to prepare for a successful session. Please consider our request favorably.

Thanking you.

Received
R.S.Bhoi

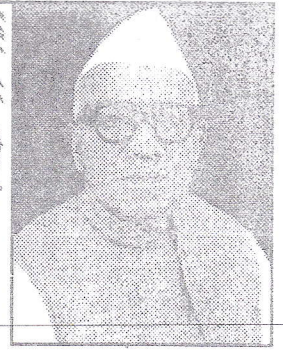Prof. Dr. N. G. Narve
Principal,
College of Engineering

● **E&TC Department Vision Statement**

The Electronics & telecommunication Engineering department aims to lead in producing high quality rural area engineers to meet technological needs of Industry and society.

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Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S.	Prof.Dr. N. G. Narve Principal

Ref. No. : COE-833/24-25   Date : 29 |3 |2025

To,

Ms. Rutika Bhoi
Embedded Engineer,
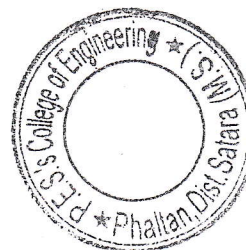Techeureka Solutions and Services, Pune
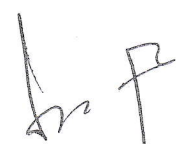
Sub: Letter of Appreciation.

Dear Madam,

    I would like to acknowledge and extend my heartily gratitude for conducting session on "**Different Stages in Project Development**" on 28th March, 2025. It was wonderful session we had and our students are delighted with your Lecture.

    I look forward to a continuing collaboration with you. It has been an excellent experience with you and also I appreciate your dedication.

Received
R.S.Bhoi

Prof. Dr. N. G. Narve
Principal,
College of Engineering

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Report of Alumni Interaction Session conducted on **"Different Stages in Project Development"** Organized by **E&TC Engineering Department.**

Program Details:

Venue: Classroom No. 10,

PES's College of Engineering, Phaltan,

Department of Electronics and Telecommunication Engineering.

Day and Date: Friday 28th March 2025.

Time: 2.00 pm to 5.00 pm

Guest of Honor: Ms. Rutika Bhoi, Embedded Engineer , Techeureka Solutions and Services, Pune.

Number of Attendant: 42

An Alumni Interaction Session on **"Different Stages in Project Development"** started with introduction of resource person.

Thakurki, Maharashtra, India
31, Thakurki, Maharashtra 415523, India
Lat 17.95811° Long 74.413012°
28/03/2025   02:30 PM GMT +05:30

Photo 1: Guest Introduction

Ms. Rutika Bhoi has completed Bachelor of Technology in Electronics and Telecommunication field from Phaltan Education Society's College of Engineering in AY

2023-24.

She was 1st ranker in second year and third year as well as 3rd ranker in last year of engineering.

Currently she is working as Embedded Engineer with Techeureka Solutions and Services, Pune. Company provides Internship, Project training and Certification in the field of Electronics and Automation.

In this session Ms. Rutika Bhoi started the session by sharing her work experience with various type of projects. Also, she has explained the basic concepts of IoT and Embedded based systems, difference between IoT and Embedded system, career opportunities in this fields.

Thakurki, Maharashtra, India
31, Thakurki, Maharashtra 415523, India
Lat 17.958118° Long 74.413036°
28/03/2025 03:23 PM GMT +05:30

Photo 2: Ms. Rutika Bhoi explaining about Project Designing Method

In this session resource person explaining content of project designing method such as Select application-based project title, Selection of microprocessor or microcontroller, Selection of components, Simulation of hardware (circuit) design, Flow of algorithm and flowchart structure, Selection of software-based programming etc. Ms. Bhoi also, explained Meaning and difference between microcontroller and microprocessor, Various types of microcontrollers, microprocessors, and sensors, Network protocols used in IoT system, Why and where embedded and IoT based systems are required and important in various fields.

Summary

In this lecture students got basic knowledge about project design and implementation of hardware using IoT and Embedded System. This lecture was useful to students for project development.

After successful completion of this session, we have taken feedback from the students and we got really appreciable feedback from the students. This lecture will improve the project designing skill. Students can identify and use various types of microcontrollers, microprocessors, sensors, network protocols etc. in IoT and Embedded system.

CO's Covered:

- Comply and verify parameters after exciting devices by any stated method.
- Implement circuit and test the performance.
- Experience with an interpreted Language.
- To build software for real needs
- Prior Introduction to testing software
- The student will study ARM Processor based Embedded System design
- The student will be able to do programming in Embedded programming in C,C++
- The student will understand Linux operating system and device driver
- The student will demonstrate the knowledge of Real Time Operating System.

PO's Covered:

PO1: Engineering knowledge

PO3:Design/development of solutions

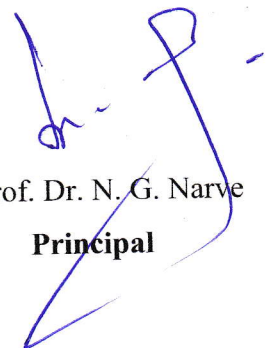PO8: Project management and finance
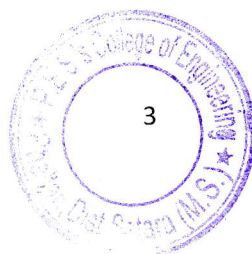
Prof. Mrs. P. S. Jadhav

Alumni Co-ordinator

Prof. A. A. Ranaware

HOD, E&TC Dept.

Prof. Dr. N. G. Narve

Principal

3

Phaltan Education Society's
College of Engineering
Department of Electronics & Telecommunication Engineering
Academic Year 2024-25 Sem-II
Alumni interaction session on 28/03/2025
Attendance Sheet

Sr. No.	Name of the Student	Sign	Sr. No.	Name of the Student	Sign
1	Jadkar Shubham Chintamani	S.G.Jadkar	22	Nikalje Adinath Vitthal	Anikalje
2	Om Sunil Pol	Ompol	23	Mujawar Vahid Sikandar	Bmujee
3	Shinde Shivtej Yashwant	Sshinde	24	Patil Shraddha Sambhaji	SSPatil
4	Pawar Akash Arun	Apawar	25	Maskar Vaishnavi Shankar	Maskar
5	Kalel Sachin Dattu	Skalel	26	Jagtap Prajkta Sanjay	J. P. Sanjay
6	Nikam Vaibhavi Pradeep	Vnikam	27	Joglekar Pranav Dhananjay	PDJogl,er
7	Saste Riya Sanjay	Rsaste	28	Gade Gauri Gahininath	Gade
8	Suryawanshi Sakshi Rajaram	Bsuryawanshi	29	Mulik Rushikesh Anil	RAMulik
9	Pawar Rohan Prakash	Rpawar	30	Lavangare Saragam Satish	SSLavang
10	Yadav Rutik Rohidas	Ryadav	31	Lakhole Abhijeet Somnath	ASLakhole
11	Saste Tanuja Dattatray	Stanuja	32	Nale Yash Ramdas	YNale
12	Inamdar Varad Aniruddha	VAnami	33	Bhosale Yash Hanumant	B
3	Phadtare Sakshi Balaso	Phadtaresa	34	Rabade Raj satappa	RSR
14	Nimbalkar Shravani Anil	Snimbalkj	35	YashRaj Nitin Bendre	Yashrj
15	Yadav Ruturaj Mahadev	Ryadav	36	Toraskar Vaishnavi Mohan	VM.Tors
16	Dharmadhikari Mayuresh Subhash	MDhikari	37	Bankar Rohan Durvachand	RDBankar
17	Narute Kirti Balaso	Knarute	38	Nale karan Rajendra	KRNale
18	Rite Aishwarya Raghunath	Arite	39	Shinde Mayur Sandip	SShinde.
19	Potekar Snehal Sunil	Spotekar	40	Bhivarkar sameer tukaram	STBhivar
20	Nale Pratiksha Sandeep	PNale	41	Shinde sakshi Shantilal	SShinde
21	Shreya Shrikant Bhosale	ShreyBhosa	42	Pratik Anandrao Mohite	PMohite.

Date: 27-03-2025

NOTICE

All Students of E&TC Engineering hereby informed that we are going to organized Alumni Interaction Session on,

"Role of Embedded Engineer in Industry"

Day and Date: *Friday, 28th March, 2025*

Venue: *Class Room No. 09, 3rd Floor, E&TC Department.*

Time: *10.30 am onwards*

Note: 1. Attendance is mandatory for all the students.

Alumni Co-ordinator
Mrs. P. S. Jadhav

HOD
Mr. A. A. Ranaware

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विद्यामर्थं च साध्यतं ।

FOUNDER –
Shreemant Malojirao Naik Nimbalkar
Rajesaheb Phaltan .

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COLLEGE OF ENGINEERING
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Prof.Dr. N. G. Narve
Principal

Ref. No. : COE-8|5| ७h-२८

Date : ११ | ३ |2025

To,
Ms. Anjali Jadhav
Embedded Engineer,
Techeureka Solutions and Services, Pune
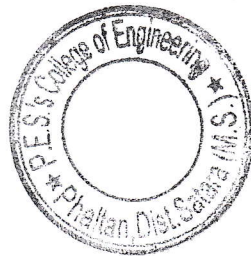
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Thanking you.

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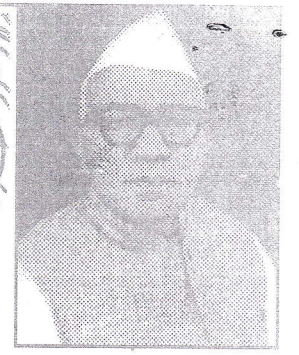Prof. Dr. N. G. Narve
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Accredited with NAAC 'A' Grade

Hon. Shreemant Sanjivraje Naik Nimbalkar	Prof.Dr. N. G. Narve
Secretary, P. E. S.	Principal

Ref. No. : COE-831/24-25   Date : 29 | 3 |2025

To,

Ms. Anjali Jadhav
Embedded Engineer,
Techeureka Solutions and Services, Pune
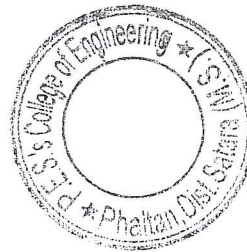
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Report of Alumni Interaction Session conducted on **"Role of Embedded Engineer in Industry"** Organized by **E&TC Engineering Department.**

Program Details:

Venue: Classroom No. 10,

PES's College of Engineering, Phaltan,

Department of Electronics and Telecommunication Engineering.

Day and Date: Friday 28th March 2025.

Time: 11.00 am to 1.00 pm

Guest of Honor: Ms. Anjali Jadhav, Embedded Engineer , Techeureka Solutions and Services, Pune.

Number of Attendant: 42

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She is working as Embedded Engineer with Techeureka Solutions and Services Company, Pune which provides internship, project training and certification in electronica and automation field.

In this session Ms. Anjali Jadhav started the session by sharing her work experience with various type of projects. With extensive experience in embedded systems, Ms. Jadhav shared a wealth of knowledge about the role and importance of embedded engineers in industries such as automotive, consumer electronics, telecommunications, and more.

Photo 2: Ms. Anjali Jadhav explaining about Embedded Systems

The session began with a discussion on role of embedded engineers in industry. Ms. Anjali Jadhav elaborated on how embedded engineers are responsible for designing, programming, testing, and maintaining embedded systems within a wide range of devices, from simple microcontrollers to complex automotive systems. Various real-world applications of embedded systems were highlighted, such as automotive, consumer electronics, telecommunications and healthcare devices.

Photo 3: Ms. Anjali Jadhav interacting with students

The speaker emphasized the technical skills and knowledge areas essential for embedded engineers, including:

> ➢ Proficiency in programming languages like C, C++, and Python.
>
> ➢ Knowledge of hardware components such as microcontrollers, sensors, and actuators.
>
> ➢ Understanding real-time operating systems (RTOS) and embedded software development.
>
> ➢ Problem-solving skills and a solid understanding of electronics and digital systems.

Summary

The Alumni Interaction Session proved to be a highly informative and engaging experience for students so as to bridge the gap between academic learning and industry practice.

Several students expressed their interest in pursuing embedded systems as a career and received valuable guidance from the alumnus on how to build a strong foundation in this field. The insights shared by the alumnus provided students with a clearer understanding of the embedded engineering industry and the career prospects it offers. The session also served to inspire

students to sharpen their skills and broaden their knowledge base to be industry-ready upon graduation.

CO's Covered:

- Understand the key responsibilities of an embedded engineer in various industries.
- Understand the latest trends and tools in embedded systems.
- Discover career options and challenges for embedded engineers.
- Develop an understanding of the skills required for success in embedded engineering.
- Get advice from alumni on how to navigate career paths and professional growth in this field.
- Learn about the importance of teamwork, problem-solving, and communication in embedded system development.

PO's Covered:

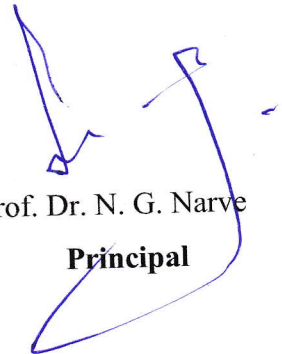PO1: Engineering knowledge

PO3:Design/development of solutions

PO5: Modern tool usage

Prof. Mrs. P. S. Jadhav

Alumni Co-ordinator

Prof. A. A. Ranaware

HOD, E&TC Dept.

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12	Inamdar Varad Aniruddha		33	Bhosale Yash Hanumant	
13	Phadtare Sakshi Balaso		34	Rabade Raj satappa	
14	Nimbalkar Shravani Anil		35	YashRaj Nitin Bendre	
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16	Dharmadhikari Mayuresh Subhash		37	Bankar Rohan Durvachand	
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