

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

SN	Name of the workshop/ seminar/ conference	Date	Page Number
1	Signals and systems	29 Feb 2024-12 April 2024	1
2	PLC SCADA and Industry 4.0 Seminar	10 August 2023 - 10 August 2023	10
3	Seminar on Scope for Automated testing in Industry	23 August 2023 to 23 August 2023	16
4	MATLAB WORKSHOP	14 Sept 2023 - 14 Sept 2023	24
5	Seminar on “AWS and Linux: Building Robust Cloud Infrastructures	26 September 2023 to 26 September 2023	30
6	Webinar on Designing Software	18 June 2020 -18 June 2020	37
7	Webinar on AUTOCAD Software	6 December 2020 - 6 December 2020	40
8	Workshop on Advanced Trends in Robotics	11 March 2020 - 11 March 2020	43
9	Webinar on Un-academy Application	28 July 2021 - 28 July 2021	46
10	Workshop on Start ups and New Ventures	5 Oct 2023 - 5 Oct 2023	50
11	Seminar on DESIGN OF STEEL STRUCTURES (DSS)	12 Nov 2023 - 12 Nov 2023	54
12	Workshop on AWS Cloud Networking Security: Protecting Your Data and Applications	11 Dec 2023 - 12 Dec 2023	58
13	Advance Java with spring boot	27 Jan 2024 - 29 Jan 2024	65
14	In-Depth Data Analysis with Python: Methods, Tools, and Best Practices	22 Feb 2024 - 22 Feb 2024	78
15	Workshop on Research Methodology	14th Feb 24 to 15th Feb 24	85
16	Next-Gen Data Science: Utilizing AI and Python for Advanced Analysis	4 March 2024 - 5 March 2024	90
17	Data Visualization with Tableau, Creating Interactive Dashboards and Reports	19 April 2024 - 19 April 2024	97
18	ARM Based Embedded Web Server	07 Sept 2022 - 07 Sept 2022	104
19	Flexible Battery Technologies	07 Sept 2022 - 07 Sept 2022	110

20	3DPrinting Workshop	12 Sept 2022 - 12 Sept 2022	114
21	Electricity Theft Monitoring System	21 Oct 2022 -21 Oct 2022	121
22	Research Paper Writing	09 Jan 2023 - 09 Jan 2023	126
23	Intellectual Property Rights	13 March 2023 - 13 March 2023	131
24	Java and Artificial Intelligence: Integrating AI into Java Applications for Smarter Solutions	12 Nov 2024 - 12 Nov 2024	135
25	Seminar on Beyond the Basics: Expert Data Analysis with Excel and Power BI	04 Dec 2022 - 04 Dec2022	142
26	Workshop on Case Study	21 Dec 2022 - 22 Dec 2022	149
27	Workshop on Research Methodology	06 Jan 2023 - 24 Jan 2023	153
28	IOT – INTERNET OF THINGS	22 Sept 2021 - 22 Sept 2021	157
29	AWS-Powered DevOps: Building and Managing Scalable Applications	19 Jan 2022 - 19 Jan 2022	163
30	Mastering Python from Frontend to Backend	16 Feb 2022 - 16 Feb 2022	167
31	Workshop on Case Study	25 March 2022- 26 March	174
32	Innovation Driven Society for sustainable Development	29 April 2022 - 29 April 2022	178
33	National Intellectual property Awareness Mission	07 june 2022 - 07 june 2022 to	182
34	RECENT TRENDS ELECTRICAL HYBRID VEHICLE	20 August 2020 - 20 August 2020	186
35	BMS - BATTERY MANGEMENT SYSTEM	3 Sept 2020 - 3 Sept 2020	192
36	Workshop on Case Study	25 April 2021 - 26 April 2021	198
37	NS 2 Workshop	1 November 2019- 1 November 2019	201
38	RENEWABLE ENERGY TECHNOLOGIES	8 November 2019 - 8 November 2019	206
39	EMERGING TRENDS IN ELECTRICAL SOLAR SYSTEM	11 December 2019 - 11 December 2019	211
40	Expert Lecture on Cloud omputing Hands on Training	20 Dec 2019 - 20 Dec 2019	217

41	Advances in Robotics	3 January 2020 - 3 January 2020	221
42	AIML	10 January 2020 - 10 January 2020	225



(Handwritten signature)

Principal
NESGI, Faculty of Engineering
Gal No. 69, 70, 71, Nalgund, Tal. Bhor, Dist. Pune



N.E.S.G.I's
Faculty of Engineering, Naigaon, Pune-412213
Department of E&TC Engineering

Date: 26th Feb 2024

NOTICE

All S.E. E&TC students are hereby informed that Department of E&TC of NESGI-FOE has scheduled an expert lectures on Signals and systems subject for students of S.E.(E&TC). All are informed to attend the same. Schedule for Expert Lectures session is arranged as follows.

Sr.No	Date and Time	Location	Description
1.	29 th feb 2024 10 am to 4 pm	SE Classroom 344	Fundamentals of Signals and Systems, Continuous Time (CT) Signals
2.	9 th march 2024 10 am to 4 pm	SE Classroom 344	Continuous Time (CT) Systems, Discrete Time (DT) Signals,
3.	29 th and 30 th march 2024 10 am to 4 pm	SE Classroom 344	Discrete Time (DT) Systems, Sampling and Reconstruction Z Transform of Signals
4.	12 th April , 10 am to 4 pm	SE Classroom 344	Laplace Transform and probability

Prof.S.R.Shinde
Coordinator



Prof.L.M.Sagale
Head of Department



Navsahyadri Education Society's
Group of Institutions, Pune
Department of ENTC Engineering
Academic Year 2023-24



Date: 08/4/2024

To,
The Principal
NESGI, Pune.

Subject: Permission regarding arranging Guest Lecture.

Respected Sir,

We ENTC Engineering department of Navsahyadri Education Society's Group of Institutions, Naigaon want to arrange Guest lecture on "Signal And System" which is a Subject of academics for SE ENTC Engineering Students. I kindly request you to please sanction the Remuneration of 5000/- for 1 day.

The lecture will be conducted on 12th April 2024, Time: - 10.00 AM to 4.00 PM.

Remuneration = 1000* 5 hours =Rs 5000/ Day


Subject	Topics	Name of Guest	Class
Signal And System	UNIT-6	Prof. R A Barapate	S. E. ENTC


Experience-

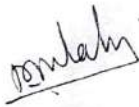
- 30 years of experience in teaching field.


Qualification-

- Ph.D. (Pursuing), ME. (Microwave)


Prof. S. R. Shinde
Co-Ordinator


Prof. L.M. Sagale
HOD

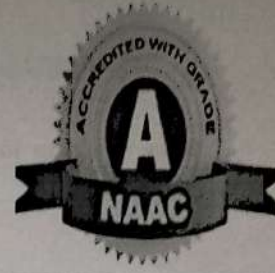

Dr. M. V. Dalvi
Principal

Approval






Navsahyadri Education Society's
Group of Institutions, Pune
Department of ENTC Engineering
Academic Year 2023-24



Date: 21/3/2024

To,
The Principal
NESGI, Pune.

Subject: Permission regarding arranging Guest Lecture.

Respected Sir,

We ENTC Engineering department of Navsahyadri Education Society's Group of Institutions, Naigaon want to arrange Guest lecture on "**Signal And System**" which is a Subject of academics for SE ENTC Engineering Students. I kindly request you to please sanction the Remuneration of 5000/- for 1 day.

The lecture will be conducted on 29th march 2024 and 30th march 2024, Time: - 09.00 AM to 4.00 PM.

Remuneration = 1000* 10 hours =Rs 10000

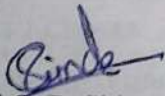
Subject	Topics	Name of Guest	Class
Signal And System	UNIT-3 & 4	Prof. R A Barapate	S. E. ENTC

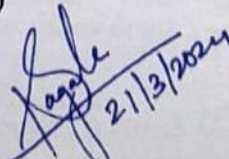
Experience-

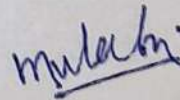
- 30 years of experience in teaching field.

Qualification-

- Ph.D. (Pursuing), ME. (Microwave)


Prof. S. R. Shinde
Co-Ordinator


Prof. L. M. Sagale
HOD


Dr. M. V. Dalvi
Principal





N.E.S.G.I's
Faculty of Engineering, Naigaon, Pune-412213
Department of E&TC Engineering

EXPERT LECTURE

DEPARTMENT: E&TC

CLASS: S.E.

NAME OF GUEST: Prof.R.A.Barapate

TITLE/TOPIC: "Signals and Systems"

DAY & DATE: Friday 29/02/ 2024, Saturday 9/03/2024, Friday and Saturday 29/3 and 30/3/ 2024

DURATION OF SESSION: 18 hrs

STUDENT/ STAFF PRESENT: 28/01

CO-ORDINATOR: Asst. Prof. S.R.Shinde

OBJECTIVE: To describe various signals and systems mathematically and understand how to perform mathematical operations on them. 2. Also familiar with commonly used signals such as the unit step, ramp, and impulse function, sinusoidal signals, complex exponentials and their operations. 3. Analysis using Fourier series and Fourier transform for a given signal.

DESCRIPTION: Department of E&TC engineering organized expert lecture for S.E. Students which is based on "Signals and Systems" subject to help them to understand Fundamentals of Signals and Systems, Continuous Time (CT) Signals and Systems, Discrete Time (DT) Signals and Systems, Sampling and Reconstruction Z Transform of Signals, Fourier Series (FS) and Fourier Transform (FT) of CT and DT signals.

Expert Lectures session were arranged as per following.

Sr.No	Date and Time	Location	Description
1.	29 th feb 2024 10 am to 4 pm	SE Classroom 344	Fundamentals of Signals and Systems, Continuous Time (CT) Signals
2.	9 th march 2024 10 am to 4 pm	SE Classroom 344	Continuous Time (CT) Systems, Discrete Time (DT) Signals,
3.	29 th and 30 th march 2024 10 am to 4 pm	SE Classroom 344	Discrete Time (DT) Systems, Sampling and Reconstruction Z Transform of Signals
4.	13 th April 2024 10 am to 4 pm	SE Classroom 344	Laplace Transform and Probability





CONCLUSION:

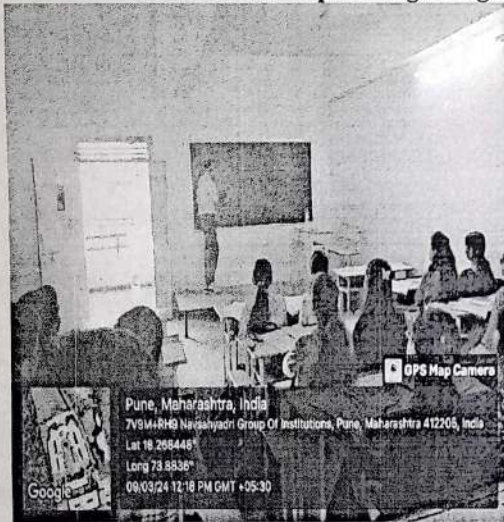
Students were able to understand mathematical description and representation of continuous and discrete time signals and systems. Develop input output relationship for linear shift invariant system and understand the convolution operator for continuous and discrete time system Understand and resolve the signals in frequency domain using Fourier series and Fourier transform Understand the limitations of Fourier transform and need for Laplace transform and develop the ability to analyze the system in s- domain. Understand the basic concept of probability, random variables & random signals and develop the ability to find correlation, CDF, PDF and probability of a given event.



PHOTOS DURING SESSION:



Prof.R.A.Barapate sir guiding the student on dated 29th Feb 2024



Prof.R.A.Barapate sir guiding the student on dated 9th march 2024

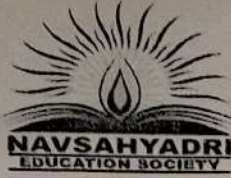
Shinde

Prof.S.R. Shinde
Co-ordinator



Sagale
13/4/2024

Prof. L.M.Sagale
HOD (E&TC.)



N.E.S.G.I's
Faculty of Engineering, Naigaon, Pune-412213
Department of E&TC Engineering

Date :- 12/04/2024.

Remuneration Letter

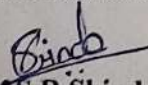
To,
Prof. R A Barapate
Keystone SOE
PUNE.

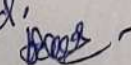
Subject: Remuneration for expert lectures of Signals and Systems.

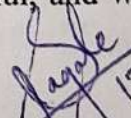
Department of E&TC of NESGI-FOE express our appreciation to you for the expert lecture on "Signals and Systems". It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Total 23 hrs. , were utilised for signals and systems expert lectures and per hour Remuneration is 1000 Rs, so total amount is 23000 Rs for all sessions.

Sr.No	Date and Time	Location	Total amount received
1.	29 th feb 2024 10 am to 4 pm	SE Classroom 344	4000 by cash
2.	9 th march 2024 10 am to 4 pm	SE Classroom 344	4000 by cash
3.	29 th and 30 th march 2024 10 am to 4 pm	SE Classroom 344	10000 by cheque
4.	12 th April 2024	SE Classroom 344	5000 by cash

Once again, thank you for making the expert lecture successful, and we appreciate your continued support in future.


Prof.S.R.Shinde
Coordinator

Recd. 


12/04/24
Prof.L.M.Sagale
Head of Department





N.E.S.G.I's
Faculty of Engineering, Naigaon, Pune-412213
Department of E&TC Engineering

Date-12th April, 2024

APPRECIATION LETTER

To,
Prof. R A Barapate
Keystone SOE
PUNE.

Department of E&TC of NESGI-FOE express our appreciation to you for the expert lecture on "Signals and Systems". It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.

Once again, thank you for making the expert lecture successful, and we appreciate your continued support in future.

Sincerely,

Prof.S.R.Shinde
Coordinator

Prof.L.M.Sagale
Head of Department

RECD:





Navsahyadri Group of Institutions, Faculty of Engg.
Department of Electrical Engineering
Academic Year: 2023-24



NOTICE

All students of Electrical Engineering Department are hereby informed that a seminar on **PLC SCADA and Industry 4.0** will be conducted as per the details below:

Date: 10 August 2023

Time: 10:00 am

Speaker: Mr. Vaibhav Dasture and Mr. Shikant Pawar

Key Highlights:

- Introduction to **Programmable Logic Controllers (PLC)** and their role in industrial automation.
- Overview of **SCADA (Supervisory Control and Data Acquisition)** systems.
- Insights into **Industry 4.0** and the future of smart manufacturing.
- Real-world applications and case studies.

Note : Attendance is mandatory.

Prof. Akshay S. Kale
(HOD Electrical)
9921659594
er.akshaykale@gmail.com



Dr. M. V. Dalvi
Principal
NESGI, Faculty of Engineering
Col No. 89, 70, 71, Nalgaon, Tal. Bhor, Dist. Pune

Dr. Manojkumar Dalvi
Principal, NGIFOE, Pune



**NAVSAHYADRI GROUP OF INSTITUTES,
FACULTY OF ENGINEERING**
Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-
412213
Department of Electrical Engineering



10/08/2023

ACTIVITY REPORT
PLC SCADA and Industry 4.0 Seminar

Date : 10 August 2023

Time : 11:30 AM – 02:00 PM

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions.

Attendee : Departmental Staff and Students.

Details :

On August 10, 2023, the Electrical Engineering Department of Navsahyadri Group of Institutions organized a expert Lecture on Programmable Logic Controllers (PLC) and Supervisory Control and Data Acquisition (SCADA) systems. The guest speaker, Mr. Vaibhav Dasture and Mr. Shikant Pawar an expert in the field of industrial automation and control systems, delivered an insightful presentation that provided attendees with a comprehensive understanding of PLCs and SCADA systems and their role in modern industries.

Key Topics Covered:

Introduction to PLC and SCADA:

The lecture began with an overview of PLCs and SCADA systems, their history, and their significance in industrial automation. The speaker highlighted how PLCs serve as digital computers for controlling manufacturing processes, while SCADA systems provide real-time data visualization and control over large-scale processes.

PLC Architecture and Programming:

The guest speaker delved into the architecture of PLCs, discussing the various components such as the central processing unit, input/output modules, memory, and communication interfaces. The audience gained insights into ladder logic programming, which is commonly used to create control logic for PLCs. Practical examples of ladder logic programming were shared to illustrate the concepts.

SCADA Components and Functionality:

Attendees were introduced to the components of a SCADA system, including human-machine interfaces (HMIs), remote terminal units (RTUs), communication protocols, and databases. The lecture emphasized the role of SCADA systems in real-time data acquisition, monitoring, and control of industrial processes.

Integration of PLC and SCADA:

The guest speaker highlighted the seamless integration of PLCs and SCADA systems in industrial settings. Examples of how PLCs control processes on the factory floor, while SCADA systems provide operators with a visual representation of the entire process, were presented.

Industrial Applications and Case Studies:

The lecture showcased several real-world industrial applications where PLCs and SCADA systems play a crucial role, such as manufacturing, power generation, water treatment, and oil and gas industries. Case studies were discussed to illustrate the efficiency and benefits brought about by these technologies.

Advantages and Challenges:

The guest speaker discussed the advantages of using PLCs and SCADA systems, including increased productivity, reduced human error, and enhanced process control. The lecture also touched on potential challenges, such as cyber security concerns and the need for regular maintenance and updates.

Photograph of the Event:





Akshay

mulahi

Dr. M. V. Dalvi
Principal
 NESGI, Faculty of Engineering
 Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune

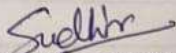
Prof. Akshay S. Kale
 (HOD Electrical)
 9921659594
 er.akshaykale@gmail.com

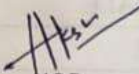


Dr. Manojkumar Dalvi
 Principal, NGIFOE, Pune

ATTENDANCE

Roll No.	Name of Students	Remark /Signature
1	CHAVAN SUYOG B.	Chavan
2	KANGADE PRATIK H	Pratik
3	KUDALE SURAJ SANJAY	Suraj
4	BANSOD KRUTIKA GOVIND	B. Bansod
5	BHORDE SAKSHI BHAUSO	Sakshi
6	CHOPADE TIMIRESH R.	Timirish
7	DHONGADE OMKAR S.	Omkar
8	GANDHALE VAISHNAVI U.	Vishnu
9	ITHAPE ABHIJIT BHAUSO	Abhi
10	KAMBLE POONAM B.	Poonam
11	KIRTE SHUBHAM SHAILEJ	Shubham
12	NIGADE JAYDEEP S.	Jaydeep
13	PATIL ANKITA VISHWAS	Ankita
14	PAWAR PRARABDH P.	Prarabdh
15	SALPEKAR NAYAN BABU	Nayan
16	SALVE KALPESH SATISH	Kalpesh
17	SANKPAL MANTHAN S.	Mantane
18	THAKAR SAKSHI UMESH	Sakshi
19	WAGHMARE SUMIT T.	Sumit
20	YENPURE GAYATRI P.	Gayatri
21	ZURANGE RITESH R.	Ritesh


 Visit Coordinator
 Prof. S. E. Sawarkar


 HOD
 Prof. Akshay S. Kale

SEMINAR ON SCOPE FOR AUTOMATED TESTING IN INDUSTRY



JOIN NOW

Benefit :

- Integration with Development Practices
- Enhanced Quality and Reliability
- Support for Complex Environments
- Innovation and Research

APPLICATIONS

1 SOFTWARE DEVELOPMENT

2 HEALTHCARE

3 FINANCE

4 AUTOMOTIVE

**Department of Computer
Engineering**

*VENU : COMPUTER CENTER
TIME : 10:00 AM
23 August 2023*

Contact :

Prof. R. R. Bhuvad
9623024926



Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24



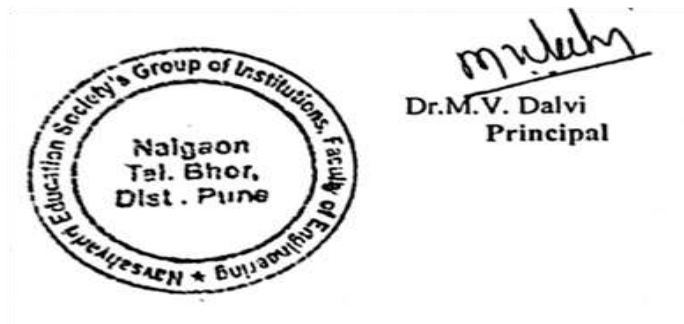
NOTICE

All students of the Computer Engineering Department are hereby informed that a Seminar on Scope for Automated testing in Industry will be conducted on 23 August 2023 NESGI Campus at 10:00 am. The Guest Speakers are Mr. Vaibhav Dasture and Mr. Shikant Pawar.

Key Highlights:

- Importance of automated testing in modern industries.
- Tools and technologies used for automated testing.
- Industry applications and case studies.
- How automated testing can enhance productivity and efficiency in various sectors.
- Career opportunities in automated testing and quality assurance.

Note : Attendance is mandatory.





NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering

ACTIVITY REPORT

1. **Title of Activity:** Seminar on Scope for Automated testing in Industry
2. **Date & venue:** 23 August 2023 NESGI Campus.
3. **Number of Students Participated:** 56
4. **Outcomes of activity:**
 - **Increased Awareness:** Students were informed about the critical role of automated testing in modern software development and its advantages over manual testing.
 - **Practical Understanding:** Participants gained hands-on experience with industry-standard automated testing tools like Selenium and TestNG.
 - **Industry Readiness:** Students were made aware of the current trends and demands in the industry, preparing them for careers in automated testing.
 - **Motivation for Further Learning:** The session inspired students to pursue additional training and certifications in automated testing to enhance their career prospects.
5. **Description of activity:**
 - The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "Scope for Automated Testing in Industry". This seminar is conducted by guest of honor Mr. Rajesh Shukla. Our respected Principal Dr. M.V. Dalvi was present and actively participated in the activity to motivate students. Guests provide students with a comprehensive understanding of automated testing, a crucial aspect of the software development process. The session started with a presentation on the basics of software testing, highlighting the limitations of manual testing and the growing need for automation in the industry.
 - Industry professionals were invited to share their experiences and insights, discussing the evolution of automated testing and the tools that are currently popular in the market. The speakers demonstrated how automated testing tools like Selenium and JUnit are used in real-world scenarios to ensure software quality and reliability.
 - The session included a live demonstration where students could observe the setup and execution of automated tests. This practical component allowed them to understand the workflow of automated testing and the benefits it offers in terms of efficiency and accuracy.

- The activity concluded with a Q&A session, where students engaged with the experts to clear their doubts and gain further insights into the practical challenges and solutions in automated testing.

6. Summary & conclusion

The activity was successful in meeting its goals of educating students about the importance and scope of automated testing in the industry. Participants left with a deeper understanding of the tools and techniques used in automated testing and were encouraged to further explore this field. The session emphasized the increasing demand for automated testing professionals and the career opportunities available in this domain. Overall, the event was highly beneficial for students aspiring to enter the software testing industry.


7. Feedback

The feedback from the participants was overwhelmingly positive. Students appreciated the depth of information provided and the practical demonstrations, which made the concepts more relatable. Many expressed a strong interest in pursuing further studies and certifications in automated testing. The session was praised for its relevance to the current industry needs and its ability to motivate students toward a career in this field.

8. Photos of activity.






Dr. M. V. Dalvi
Principal

Attendance

BE Computer

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	<u>Amate</u>
2	AMBLE ARTI MININATH	<u>Arti.A</u>
3	ANJALI SANTOSH KOLHE	<u>AKolhe</u>
4	AVINASH SHRIMANT VHANMANE	<u>Avinash</u>
5	BADADHE RAJGAURI SUNIL	<u>Badadhe</u>
6	BHILARE NUTAN SANTOSH	<u>Nutan</u>
7	CHANDANE RAJ TANAJI	<u>Raj</u>
8	CHAVAN DIGVIJAY SATISH	
9	DARULU VINAY KUMAR	<u>V.Kumar</u>
10	DESHMUKH SAUGANDH CHARUDATTA	<u>Desmukh</u>
11	DHANAWADE ABHAY RAJENDRA	<u>Abhay</u>
12	DHAYGUDE RUTUJA DHONDIBA	<u>D.Rutuja</u>
13	DHUMAL PRATIK SHIVAJI	<u>Pratik</u>
14	DONODE PRACHI GAJANAN	<u>P.Donode</u>
15	GAIKWAD KAJAL RAMDAS	<u>Kajal</u>
16	GAIKWAD SHRADDHA SURESH	<u>Shraddha B.</u>
17	GANESH BHARAT VHANMANE	<u>Vhanmane</u>
18	GAVHANE SHUBHAM RAJENDRA	<u>Shubham</u>
19	GHADAGE AMIT DATTATRAY	<u>Amit</u>
20	GUND SANJOG SHIVAJI	<u>Sanjog</u>
21	GURAV DIVYA SATISH	<u>Divya</u>
22	HIRE VINAY ASHOK	<u>Hire.V.A</u>
23	INGLE VISHAL NAVANATH	
24	JAGTAP JANHAVI KRISHNARAO	<u>Janhavi</u>
25	JAMDADE SHRUTIKA CHANDRAKANT	
26	JHODGE SAHIL RAHUL	<u>Sahil J.R.</u>
27	KHARIWALE SANIKA SURYAKANT	
28	KULKARNI ROHIT VASANT	<u>Rohit Kulkarni</u>
29	MENDHE UTKARSH GANESH	
30	MISALE SANJANA JAGDISH	

31	MUNDANKAR SHRUTI RAJESH	M. Shruti
32	NANGARE HARSHAD DATTATRAYA	N. Harshada
33	NAYAN DILIP BUDGUDE	Nayan Dilip
34	PAMANE SHWETA DEVIDAS	Shweta P
35	PARIHAR SHLOK MANOJSINGH	Shlok
36	PAWAR ADITYA DHANANJAY	Aditya
37	PAWAR AMAR BHAI	P. Amar.
38	PAWAR KARTIK SHIVAJI	Kartik Pawar
39	PAWAR SANKET SANTOSH	
40	PISAL AKSHAY SANJAY	Akshay
41	PISAL SHREYAS VIJAY	Shreyas
42	POL TANMAY SURYAKANT	
43	PRATIK SUNIL SHELKE	P.S. Shelke
44	REDDY LAKHAN NARAYAN	Lakhan
45	SADAFAL KUSHAL JAYANT	Kushal S
46	SAKSHI PANDURANG BURLE	
47	SAKSHI SUNIL KADAM	
48	SALUNKHE AAKANKSHA AVINASH	Aakanksha
49	SALUNKHE ANISHA SANJAY	Anisha S.
50	SANIKA MEGHRAJ ERANDE	SS
51	SANIKA SANJAY MANDHARE	
52	SAURAV RANJEET KUMAR	Saurav
53	SAWANT AKASH ANANDARAO	Akash
54	SAYLI VITTAL VACHAKAL	Sayali
55	SHINDE PRATHAMESH VYANKAT	
56	SHINDE PRATHMESH SHIVAJI	Shinde
57	SHINDE ROHAN PRATAP	Rohan
58	SHIVAM ANAND GAIKWAD	Anand G.
59	SHRIHARI VIJAY GAIKWAD	Vijay
60	SINGH ANKIT RAJESH	Ankit
61	SURWASE VAIBHAV DATTATRAY	Vaibhav
62	TAWARE KETAN RAVINDRA	Ketan
63	VAISHNAVI RAMCHANDRA KAMBLE	V. Kamble

64	WADKAR ROSHAN SHIVAJI	
65	WADKAR VAISHNAVI BAJRANG	<u>W. Vaishnavi</u>
66	WAGHMODE PRASANNA DADA	<u>Prasanna</u>
67	WAGHMODE SAMARTH DADA	
68	WANJALE AARTI NANDKUMAR	<u>Aarti Nanjale</u>
69	WANKHEDE SANKET RAJENDRA	
70	YADAV AADITI RAJARAM	<u>Aaditi</u>
71	YADAV YOGITA ANANT	
72	YEDAVE VALLABH SANJAY	
73	YEMUL SAIKRISHNA SHRIKANT	<u>Saikhishna</u>



M. V. Dalvi
Dr. M. V. Dalvi
Principal



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Electrical Engineering
Academic Year: 2023-24**



NOTICE

All students of Electrical Engineering Department are hereby informed that on September 14th, 2023, the Electrical Engineering Department of Navsahyadri Group of Institutions organised a Workshop on MATLAB, on occasion Engineers day.

The workshop commenced at 10:00 AM in the Class Room No. 311 of the Electrical department. Guest of today's program was Pratiksha Rachmale. In this workshop following points are discussed.

Prof. A. D. Pachghare
Workshop Coordinator
Electrical Engg. Dept.

Prof. Akshay S. Kale
HOD, Electrical Engg. Dept.

Dr. M. V. Dalvi
Principal
NESGI, Faculty of Engineering
Get No.69,70,71, Nalgonda, Tal. Bhos, Dist. Pune

Dr. Manojkumar Dalvi
Principal, NGIFOE, Pune



Navsahyadri Education Society's Group of Institutes

FACULTY OF ENGINEERING

Pune-Satara Road, Naigaon, Pune-412213

Electrical Engineering Department

14/09/2023

ACTIVITY REPORT

MATLAB WORKSHOP

Date : 14 September 2023

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions

Attendee : Departmental Staff and Students

Details :

On September 14th, 2023, the Electrical Engineering Department of Navsahyadri Group of Institutions organized a Workshop on MATLAB, on occasion Engineers day. The workshop commenced at 10:00 AM in the Class Room No. 311 of Electrical department.

Guest of today's program was Pratiksha Rachmale, working as trainer in ABC Training Institute. In this workshop following points are discussed.

1. Workshop Topics: MATLAB workshops can cover a wide range of topics, depending on the level and focus of the workshop.

1.1 Common topics include: Introduction to MATLAB basics: This covers the MATLAB environment, syntax, and basic operations.

1.2 Data visualization: Creating plots, charts, and graphs to visualize data.

1.3 Data analysis: Techniques for data manipulation, statistics, and data processing.

1.4 Numerical computation: Solving equations, performing mathematical operations, and working with matrices.

1.5 Simulink: Introduction to Simulink, MATLAB's tool for modeling and simulating dynamic systems.

1.6 Image processing and signal processing: MATLAB's capabilities in these domains.

1.7 Machine learning and deep learning: How to use MATLAB for building and training machine learning models.

1.8 Advanced topics: More specialized topics like optimization, control systems, and more.

2. Workshop Format: Workshops can be conducted in various formats, including: In-person workshops: These are held at physical locations, typically universities, training centers, or conference venues.

2.1 Online workshops: Conducted over web conferencing platforms, allowing participants to join remotely.

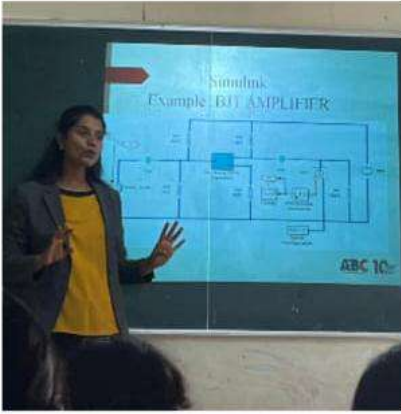
2.2 Self-paced workshops: Participants are given access to pre-recorded video lectures and exercises to complete at their own pace.

3. Instructors: Workshops are typically led by experienced instructors who are proficient in MATLAB. Instructors may be MATLAB experts, academics, or industry professionals with relevant expertise.

4. Workshop Materials: Participants often receive workshop materials such as lecture notes, code examples, datasets, and exercises to work on during the workshop. These materials are valuable for learning and reference.

Photograph of the Event :





Prof. A. D. Pachghare
Workshop Coordinator
Electrical Engg. Dept.

Prof. Akshay S. Kale
HOD, Electrical Engg. Dept.

Dr. M. V. Dalvi
Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Nasgaon, Tal. Bhor, Dist. Pune

Dr. Manojkumar Dalvi
Principal, NGIFOE, Pune

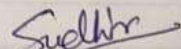


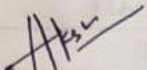
Navsahyadri Group of Institutions
Department of Electrical Engineering
Academic Year 2023-2024



TE ATTENDANCE

Roll No.	Name of Students	Remark / Signature
1	CHAVAN SUYOG B.	Chavan
2	KANGADE PRATIK H	Pratik
3	KUDALE SURAJ SANJAY	Suraj
4	BANSOD KRUTIKA GOVIND	B. Bansod
5	BHORDE SAKSHI BHAUSO	Sakshi
6	CHOPADE TIMIRESH R.	Timir
7	DHONGADE OMKAR S.	Omkar
8	GANDHALE VAISHNAVI U.	Vishna
9	ITHAPE ABHIJIT BHAUSO	Abhi
10	KAMBLE POONAM B.	Poonam
11	KIRTE SHUBHAM SHAILEJ	Shubham
12	NIGADE JAYDEEP S.	Jaydeep
13	PATIL ANKITA VISHWAS	Ankita
14	PAWAR PRARABDH P.	Prarabdh
15	SALPEKAR NAYAN BABU	Nayan
16	SALVE KALPESH SATISH	Kalpesh
17	SANKPAL MANTHAN S.	Manthan
18	THAKAR SAKSHI UMESH	Sakshi
19	WAGHMARE SUMIT T.	Sumit
20	YENPURE GAYATRI P.	Gayatri
21	ZURANGE RITESH R.	Ritesh


Visit Coordinator
Prof. S. E. Sawarkar


HOD
Prof. Akshay S. Kale



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24**



NOTICE

All students of the Computer Engineering Department are hereby informed that on 26th september 2023, Computer Engineering Department is organising Seminar on “AWS and Linux: Building Robust Cloud Infrastructures”.

This event will provide valuable insights into how AWS (Amazon Web Services) and Linux can be utilised to create and manage efficient cloud systems.

All students are encouraged to participate and enhance their knowledge in this vital subject.



Mulahi

Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Get No.69,70,71,Naigaoon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** Seminar on “AWS and Linux: Building Robust Cloud Infrastructures”
2. **Date & venue:** 26 September 2023 NESGI Campus.
3. **Number of Students Participated:** 61
4. **Outcomes of activity:**
 - **Deep Understanding:** Students gained a comprehensive understanding of how AWS and Linux work together to build and manage robust cloud infrastructures.
 - **Practical Skills:** Participants acquired hands-on experience in deploying and managing cloud resources using AWS with Linux environments.
 - **Industry Knowledge:** Insights were provided into current industry practices and the role of Linux in optimizing AWS cloud services.
 - **Career Enhancement:** The seminar equipped students with knowledge that enhances their qualifications for careers in cloud computing and system administration.
5. **Description of activity:**
 - The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "AWS and Linux: Building Robust Cloud Infrastructures". This seminar is conducted by guest of honor Mr. Sumit Agarwal and our respected Principal Dr. M.V. Dalvi was present and actively participated in the activity to motivate students. The seminar was designed to provide students with an in-depth exploration of how to leverage AWS and Linux to create and manage scalable, reliable cloud infrastructures.
 - The session began with an introduction to the fundamentals of AWS cloud services and the role of Linux in cloud environments. Experts from the industry discussed key AWS services such as EC2, S3, and RDS, and how these services can be effectively managed and optimized using Linux.
 - The seminar featured practical demonstrations where participants learned how to deploy Linux-based applications on AWS, configure virtual servers, and use AWS tools for monitoring and managing cloud resources. Key topics included setting up secure environments, automating tasks with scripts, and scaling applications to handle varying loads.
 - Interactive exercises allowed students to apply what they learned by working on real-world scenarios, such as setting up a web server on AWS using Linux, configuring load balancers, and implementing backup strategies.

6. Summary & conclusion

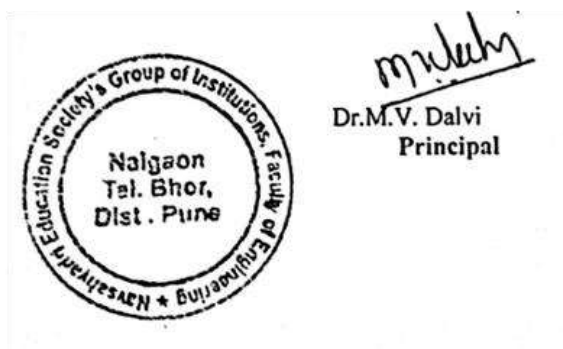
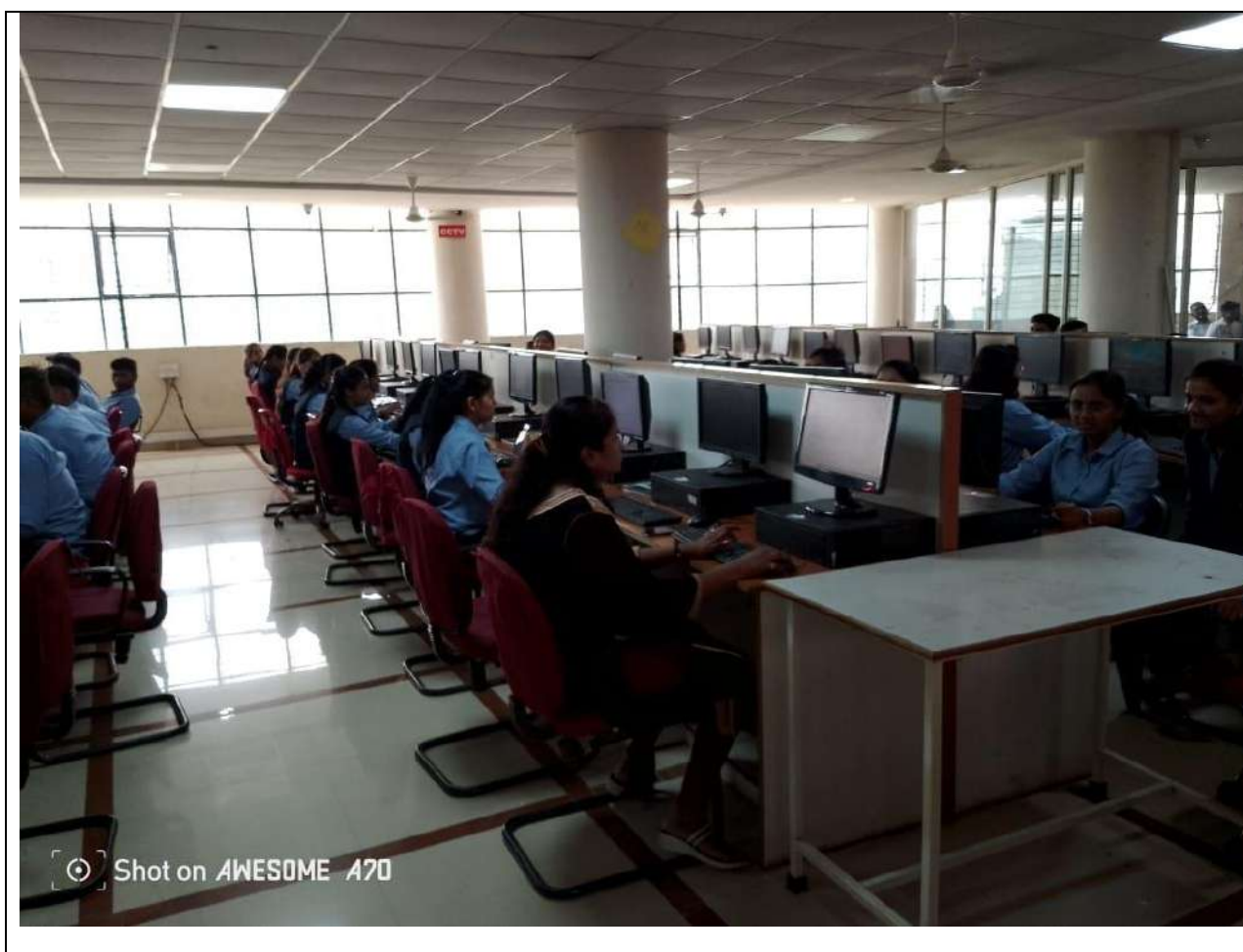
The seminar successfully met its objectives by providing students with valuable insights into building and managing cloud infrastructures using AWS and Linux. Participants left with a strong understanding of how to utilize these technologies to create scalable and efficient cloud solutions. The hands-on experience gained through practical exercises was particularly beneficial, allowing students to apply theoretical knowledge in a practical setting. The seminar highlighted the importance of AWS and Linux skills in the cloud computing industry and encouraged students to pursue further learning and certification in these areas.

7. Feedback

Students appreciated the detailed explanations and hands-on approach, which made complex concepts more accessible. The practical demonstrations and exercises were particularly well-received, providing a tangible understanding of how to use AWS and Linux together. Many students expressed a keen interest in future workshops on advanced cloud topics and requested additional resources for further study. The seminar was praised for its relevance and practical value, contributing significantly to students' career preparation in cloud computing.

8. Photos of activity.





Roll No.	Name of Students	Signature
1	ADAM NIRAJ VIJAY	Niraj A.
2	AWACHAR SHREYASH SUNIL	Shreyash
3	BAMBOLE ANIRUDDHA RADHESHYAM	Aniruddha
4	BARKADE ASMITA YUVRAJ	Asmita
5	BHISE RAJNANDINI RAVINDRA	Raj
6	BHOITE NAMRATA SUNIL	Namrata
7	BHOSALE ASHWINI RAMCHANDRA	Ashwini
8	BIRAJDAR ABHISHEK SATISH	AB
9	BODAKE VIRAJ ANIL	Viraj
10	CHALEKAR TEJAS RAJENDRA	Tejas
11	CHAVAN AVINASH BHASKAR	Chavan A.
12	CHITAL VINAYAK VENKATESH	Chital V.
13	DAMODAR AJINKYA MAHENDRA	Ajinkya
14	DATIR ANIKET PANDURANG	Aniket
15	DHAS VIRAJ AMOL	
16	DHUMAL SAKSHI RAJENDRA	Sakshi D.
17	DOKE KIRAN SAWATA	D.Kiran
18	DOKE VISHAL DATTATRAY	D.V.P.
19	GAMBHIRE PATIL PRATIK VIJAYKUMAR	Pratik G.
20	GANGURDE DIKSHITA RAJENDRA	G.Diksha
21	GHORPADE ASMITA MAHESH	Asmita
22	GOLE YASH SUDHAKAR	Yash
23	HAKE PRATIK SANJAY	H.Pratik
24	HEDE AKASH RAJU	Akash
25	HOLKAR KARTIKESH SUNIL	Kartikesh
26	INGALE PIYALI HEMANT	Piyali H.
27	JADHAV ANUSHKA MOHAN	
28	JADHAV RITESH RAHUL	Ritesh
29	JAGTAP ABHIJIT GANESH	Abhijit J.
30	KADAM AADITI AJAY	AADiti.

31	KADAM MAHISAGAR GANPATI	<u>Adhishagar</u>
32	KAJAL KUMARI	
33	KAMBLE ATHARV BALU	<u>Kambale</u>
34	KARE PRAJAKTA KUNDLIK	<u>K. Prajakta</u>
35	KHAWALE PRASAD DILIP	
36	KONDE SAHIL SHARAD	<u>Conde</u>
37	KONDHALKAR TANAYA DATTATRAY	
38	KSHIRSAGAR LALITA DATTATRAY	<u>KLD</u>
39	LAHANE ARPITA ANGAD	<u>Vishwarya</u>
40	MADGUDE VISHWARAJ VILAS	
41	MAGAR ABHIJEET SANTOSH	<u>S.M.</u>
42	MAHIMA BHARATI	<u>MB</u>
43	MALI SIDDHESH SATISH	<u>M. Siddhesh</u>
44	MANE PRAMOD ULHAS	<u>Mane P</u>
45	MUSKAN KUMARI	<u>Muskan</u>
46	NAIK OMKAR SUMAN	<u>N. Omkar</u>
47	NANGARE SAKSHI SUNIL	
48	NIKAM RUCHIKA VIJAY	<u>NRV</u>
49	NIMBALKAR SURAJ SAMBHAJI	<u>N.S.S.</u>
50	PALKHE AKSHATA SUNIL	<u>Palkhe Ash</u>
51	PARJANE PRATIK PARMESHWAR	<u>PPD</u>
52	PARTHE SURAJ SANTOSH	<u>PSS</u>
53	PASALKAR OM NAVNATH	<u>Omkar</u>
54	PATIL SAYALI BABURAO	<u>Patil</u>
55	PAWAR ADITYA GANGADHAR	
56	PAWAR PRAJWAL ASHOK	<u>P. Pawar</u>
57	PHADATARE ANKITA ANIL	<u>Amf P.</u>
58	RASAL SAKSHI SHRIKANT	<u>R.S.S.</u>
59	RASKAR SHRUTI MAHENDRA	<u>R.S.M.</u>
60	SAGVEKAR ANKITA ANANT	<u>Sagvekar</u>
61	SAKAT PRIYA MANIK	<u>Sankat P.</u>
62	SALUNKE CHAITANYA DATTATRAY	
63	SHAIKH SAHIL HUSEN	<u>Shah</u>

64	SHEVALE AMAR NAVNATH	<i>Amar</i>
65	SHINDE AVINASH ASHOK	<i>Avinash</i>
66	SHIRSALE MITESH BHASKAR	
67	SUBHEDAR LIYAKAT SALAUDDIN	<i>Su Lyakat</i>
68	TARADE SHRADHA SANTOSH	
69	TARATE PRASHANT BAPU	<i>Prashant</i>
70	TARATE RUTUJA RAJENDRA	<i>Rutuja</i>
71	VISHWANATHULAWAR ADITHYA	
72	WADAKR TUKARANT BABAN	
73	ZAGADE TANUJA SANJAY	<i>Tanuja</i>
74	SHEWALE ADITYA MAHINDRA	<i>Aditya</i>



m.v.dalvi
Dr.M.V. Dalvi
Principal



Navsahyadri Group of Institutions College of Engineering

Academic Year 2020-2021



1/0/202

NOTICE

Webinar on Designing Software

A Webinar for Faculties & Students is scheduled on 18/06/2020. In this lecture detail information about the designing software will discuss by speaker. By this activity participants get the knowledge about new software developed in 2020. Attendance is mandatory for all students.

Limited seats are available, so early registration is encouraged.

Webinar Date: 08 June 2020

Webinar Time: 10.30 am - 12.00 pm

Webinar Venue: Google Meet – Online Meeting

Prof. S. S. Agrawal
Workshop Coordinator

Prof. Amar Kalyane
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaoon, Tal. Bhor, Dist. Pune



**NAVSAHYADRI EDUCATION SOCIETY'S
GROUP OF INSTITUTIONS**

Sr. No 69, 70 & 71, Naigaon [Nasarapur], Bhor, Pune- 412213.

ACTIVITY REPORT

1. **Title of Activity:** Webinar

2. **Date & venue:** 18/06/2020; Google Meet (Online)

3. **Coordinator of Event:** Prof. S.R. Sawant

4. **Outcomes of activity:**

- Faculties & Students will learn about the Designing Software's

5. **Description of activity:**

A Webinar for Faculties & Students is scheduled on 18/06/2020. In this lecture detail information about the designing software is taught by the speaker. Through this activity participants can get the knowledge about new software developed in 2020. Program started with Welcome address by Asst Prof. S.R. Sawant followed by the address of Dr. R. J. Patil, Principal of NESGI.

About More than 100 Faculties and students from various t college/Universities were participated in the program from all over Maharashtra.

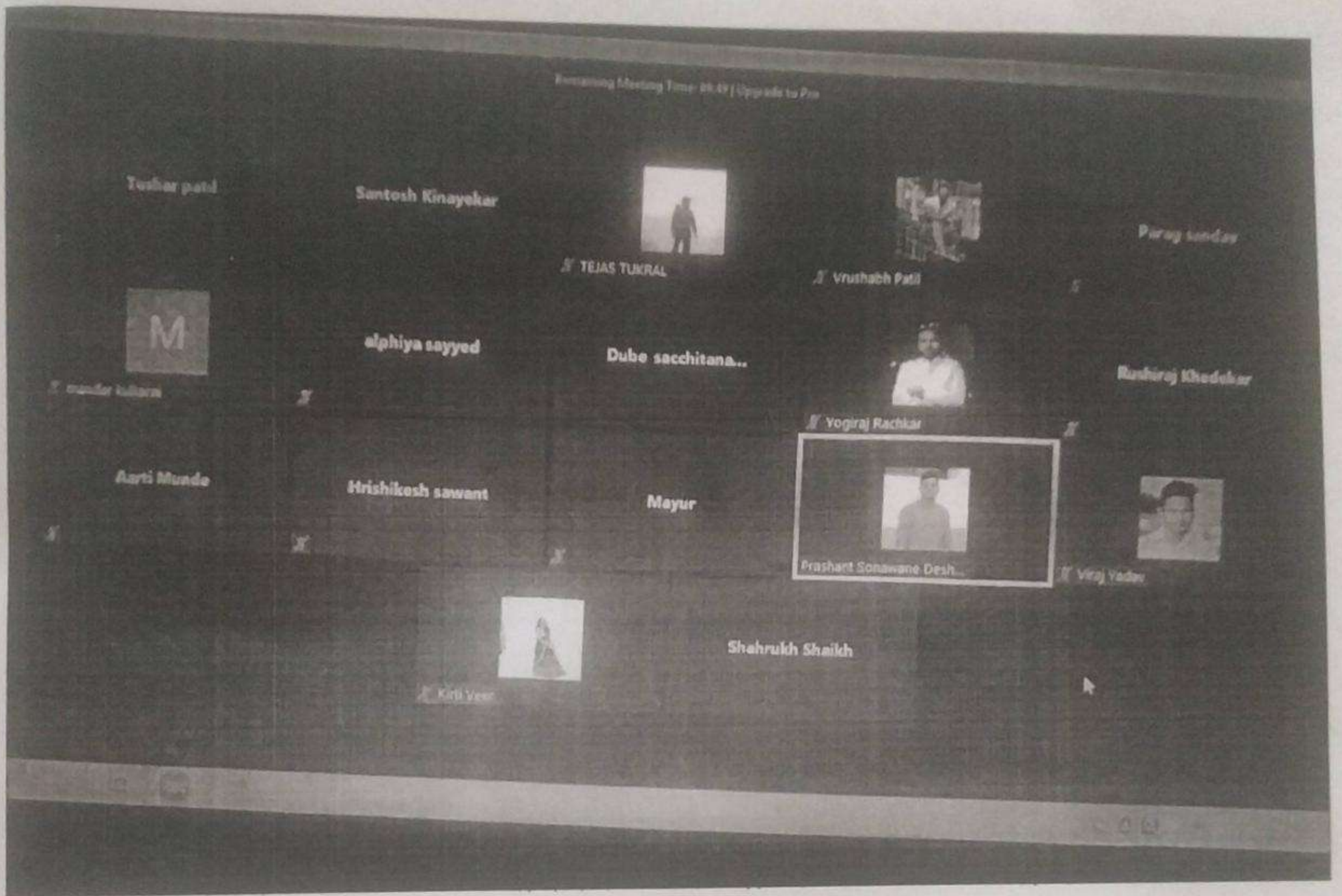
6. **Activity Experience:**

The Event was Successfully Conducted. Participants have learn all objectives of Guest Lecture which is helpful to them from learning point of view..

7. **Feedback**

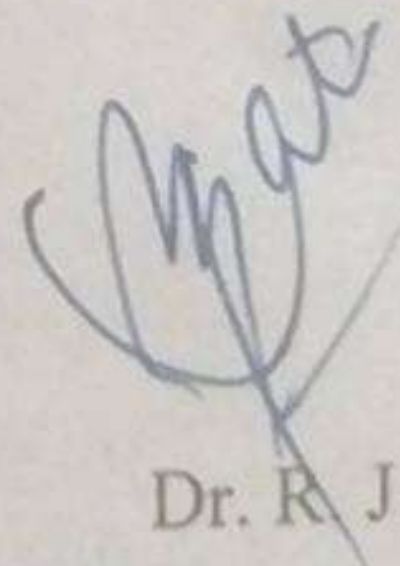
Faculties & Students were satisfied and he had Different way of teaching.

Photograph



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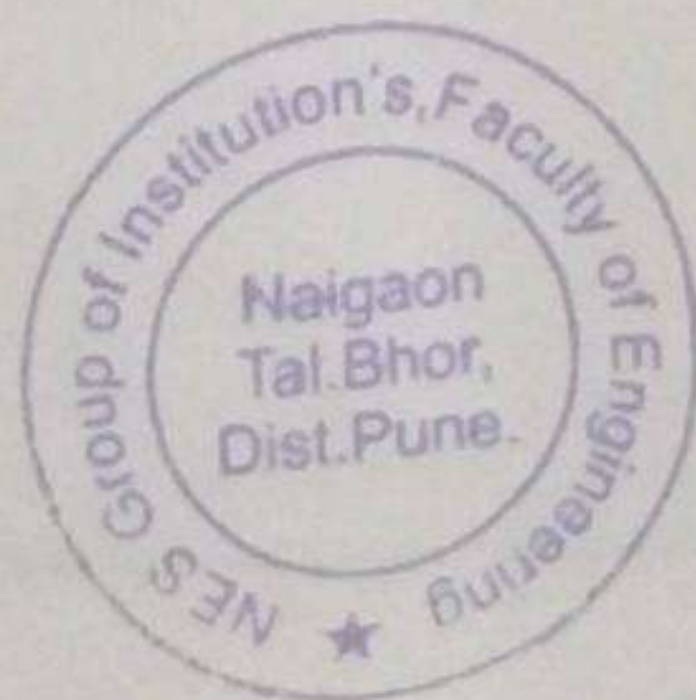
Prof. S.R. Sawant
Event Coordinator



Dr. R. J. Patil

Principal
Principal

NFSGI Faculty of Engineering
Gate no. 09, 70, 71, Naigaon, Tal. Bhor Dist. Pune





Navsahyadri Group of Institutions College of Engineering



NOTICE

Webinar on AUTOCAD Software

All Faculties and Students,

We are excited to invite you to our upcoming webinar on AutoCAD software, a pivotal tool for professionals in engineering, architecture, and design. This session is designed to enhance your skills and understanding of AutoCAD, enabling you to work more efficiently and effectively.

Webinar Details:

Title: Webinar on AUTOCAD Software

Date: 12/06/2020

Time: 10 am – 12 pm

Duration: 2 Hrs

Platform: Google Meeting

Introduction to AutoCAD's interface and tools
Advanced drawing and drafting techniques
Effective use of layers and blocks
Tips for optimizing your workflow
Q&A session to address your specific questions.

We look forward to seeing you at the webinar and helping you advance your AutoCAD skills!

Prof. S. S. Agrawal
Workshop Coordinator

Prof. Amar Kalyane
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No. 69, 70, 71, Naigson, Tal. Bhor, Dist. Pune



**NAVSAHYADRI EDUCATION SOCIETY'S
GROUP OF INSTITUTIONS**

Sr. No 69, 70 & 71, Naigaon [Nasarapur], Bhore, Pune- 412213.

ACTIVITY REPORT

1. Title of Activity: Webinar

2. Date & venue: 12/06/2020; Google Meet (Online)

3. Coordinator of Event: Prof. S.R. Sawant

4. Outcomes of activity:

- Faculties & Students will learn about the AutoCAD Software

5. Description of activity:

A Guest Lecture for Faculties & Students is scheduled on 12/06/2020. In this lecture use of AutoCAD software is taught by the speaker. Through this activity participants can get the knowledge about 2D & 3D drawings. Program started with Welcome address by Prof. S.R. Sawant followed by the address of Dr. R. J. Patil, Principal of NESGI.

About more than 60 Faculties and students from various college/Universities were participated in the program from all over Indian.

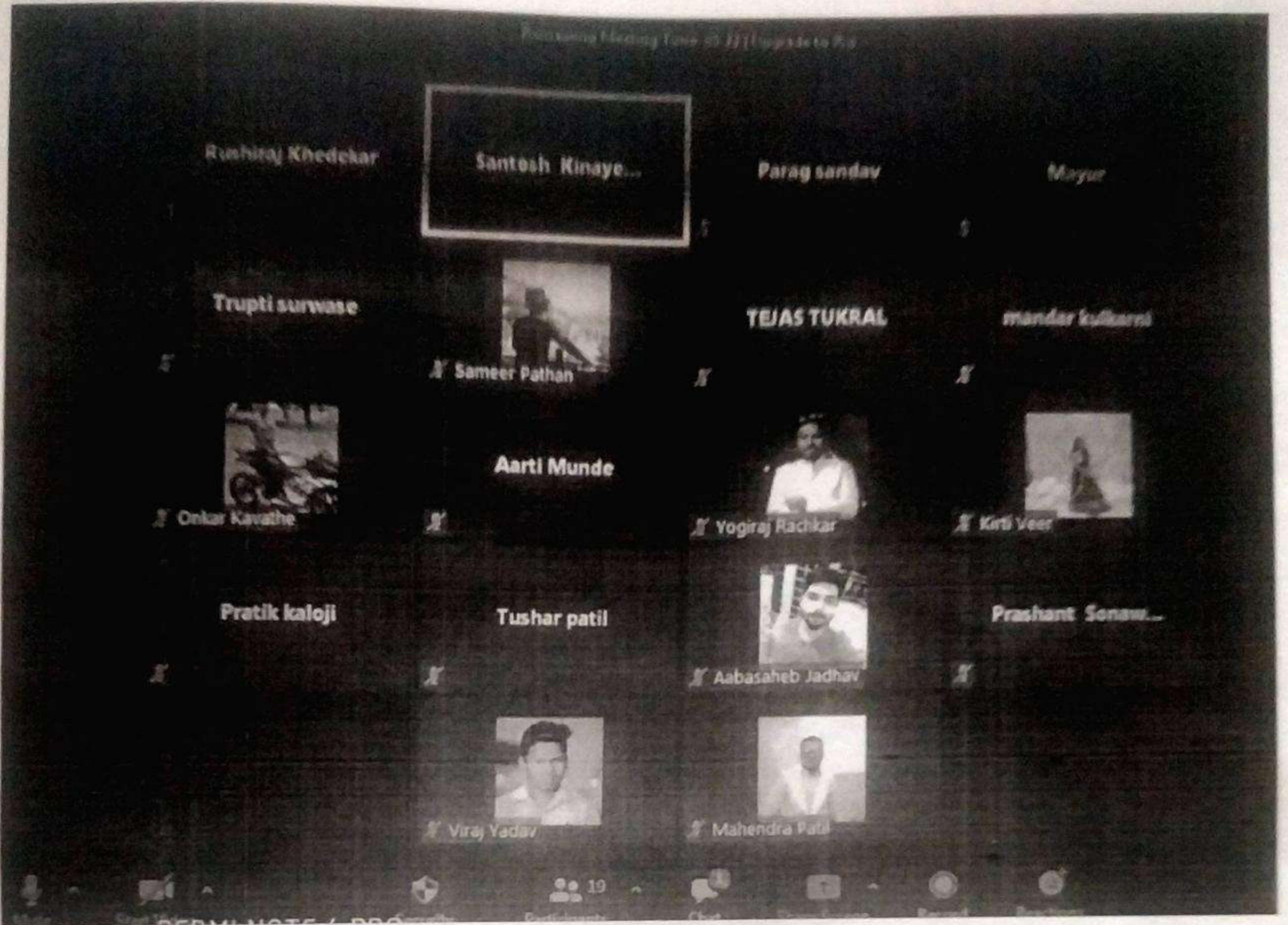
6. Activity Experience:

The Event was Successfully Conducted. Participants have learn all objectives of Guest Lecture which is helpful to them from learning point of view..

7. Feedback

Faculties & Students were satisfied and he had Different way of teaching.

Photograph

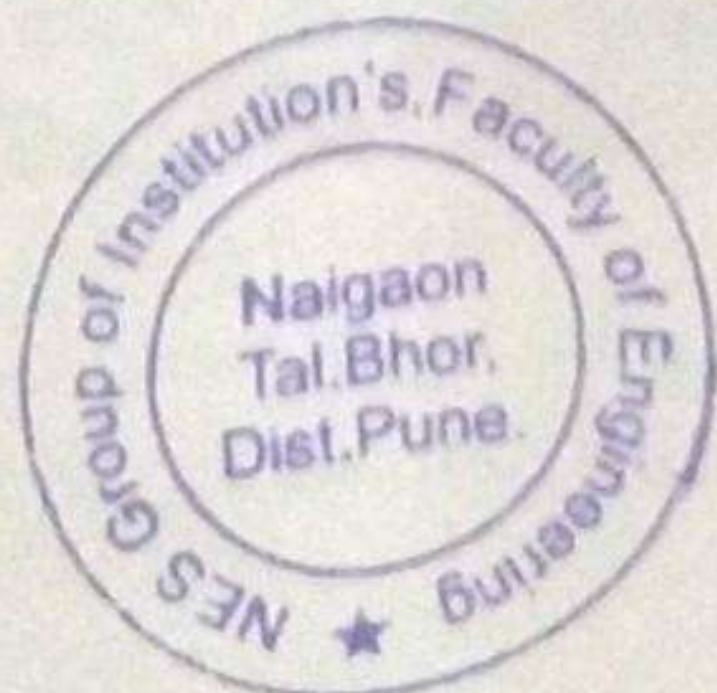


Fr 

Prof. S.R. Sawant
Event Coordinator



Dr. R. J. Patil
Principal
Principal
NEESGI Faculty of Engineering
71, Naigaon, Tal. Bhor Dist. Pune



NOTICE

Workshop on Advanced Trends in Robotics

Workshop for Faculties & Students is scheduled on 22/09/2021. The following points will be discuss.

- Use of Robot in Manufacturing
- Advanced Research in Robotics
- Automotive Control Systems
- Artificial Intelligence & Machine Learning
- App Building & Control Hans on
- Robot Testing & Demo Hands on

Limited seats are available, so early registration is encouraged.

Workshop Date: 22 September 2021

Workshop Time: 10.00 am - 11.30 pm



Prof. C. D. Deshmukh
Workshop Coordinator



Prof. S. V. Tawade
HOD



Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No.89,70,71, Naigaon, Tal. Bhor, Dist. Pune



**NAVSAHYADRI EDUCATION SOCIETY'S
GROUP OF INSTITUTIONS**

Sr. No 69, 70 & 71, Naigaon [Nasarapur], Bhor, Pune- 412213.

ACTIVITY REPORT

- 1. Title of Activity:** Workshop on “Advanced Trends in Robotics”
- 2. Date & venue:** 03/11/2020; (Virtual Mode)
- 3. Coordinator of Event:** Prof. J. P. Hugar
- 4. Total Present:** 25
- 5. Outcomes of activity:**
 - Faculties & Students discussed about the Advanced Trends in Robotics
- 6. Description of activity:**

Workshop for Faculties & Students is scheduled on 03/11/2020. The following points covered in discussion

 - Use of Robot in Manufacturing
 - Advanced Research in Robotics
 - Automotive Control Systems
 - Artificial Intelligence & Machine Learning
 - App Building & Control Hands on
 - Robot Testing & Demo Hands on
- 7. Activity Experience:**

The Event was Successfully Conducted. Participants have learned all objectives of workshop, which is helpful to them from learning point of view.
- 8. Feedback**

Faculties & Students were satisfied with the information and knowledge delivered by the speakers.

Photograph



Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigson, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions College of Engineering



NOTICE

Webinar on Un-academy Application

We are pleased to invite you to our upcoming webinar focused on the Un-academy application, designed to help you maximize your learning experience and make the most of the platform's features.

Webinar Details:

- **Title:** Webinar on Un-academy Application
- **Time:** 9.30 am – 11.00 am
- **Date :** 28/07/2021
- **Duration:** 2 Hrs
- **Platform:** Google Meet

What You Will Learn:

- Overview of Un-academy's interface and functionalities
- How to effectively search and enroll in courses
- Utilizing study materials and resources
- Tips for interacting with instructors and peers
- Personalizing your learning experience
- Q&A session to address your specific inquiries

Prof. S. S. Agrawal
Workshop Coordinator

Prof. Amar Kalyane
HOD

Dr. R. J. Patil
Principal, NGI

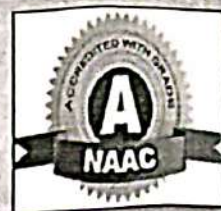


Principal
NESGI, Faculty of Engineering
Gat No. 69, 70, 71, Naigaon, Tal. Bhor, Dist. Pune



ACTIVITY REPORT

1. **Title of Activity:** Webinar
2. **Date & venue:** 28/07/2021; Unacademy Application (Online)
3. **Coordinator of Event:** Prof. Agarwal S. S.
4. **Outcomes of activity:** Students of all departments will understand following points:
 - a. Fundamentals of GATE
 - b. Purpose of GATE exam
 - c. Eligibility criteria's
 - d. How to Crack GATE Examination
 - e. Exam Syllabus and Pattern
 - f. PSU Sectors
5. **Description of activity:** Webinar was arranged for students on 28th July, 2021. Our keynote speaker was NVL Krishna Prakash who is Star Educator and Head of South India Civil Engineering, Unacademy. "Strategic Preparation to Score all India Rank in GATE" was the main topic for delivery to the students.
More than 150 students from Civil Engineering Department have attended this program.
6. **Activity Experience:**
From this webinar of Strategic Preparation to Score all India Rank in GATE students learned new way to study for GATE examination an few strategies to score all India rank in GATE.
7. **Feedback**
Students were satisfied and gave positive feedback towards the webinar.



NAVSAHYADRI EDUCATION SOCIETY'S GROUP
OF INSTITUTIONS, NAIGAON, PUNE

DEPARTMENT OF CIVIL ENGINEERING PRESENTS
WEBINAR ON

**STRATEGICAL PREPARATION
TO SCORE ALL INDIA RANK
IN GATE**

DATE: 28TH JULY, 2021

TIME: 2.00 PM TO 3.00 PM

KEYNOTE SPEAKER



NVL KRISHNA PRAKASH
STAR EDUCATOR & SOUTH
INDIA CIVIL ENGINEERING
HEAD, UNACADEMY

ORGANIZERS



MR. P. N. SUKE
PRESIDENT
NESGI, PUNE



DR. R. J. PATIL
PRINCIPAL
NESGI, PUNE

Source: Unacademy App

Venue: Your Gadget

For more details contact Prof. Shruti S. Agarwal- 8600531235

Email: shrutiagarwal1208@gmail.com

www.navsahyadri.edu.in

Welcome to Students of



Navsahyadri Education Society's Group of Institutions

Join DATE & ESE Course Use Code **KPCIVIL** Get Maximum Benefits



Profile: t.me/enggguru

Abhi 🙏🙏🙏

Visual: Y

Harsh joined

Swaraj Nishant Y

Visual: Ok

Jyotkam joined

Kadgite joined

Please verify your email from your profile to start messaging

Thank You!



MR. P. N. SUKH
PRESIDENT
NESGI, PUNE



DR. R. J. PATIL
PRINCIPAL
NESGI, PUNE

And Also
Prof. Shruthi
S Agarwal

Join DATE & ESE Course Use Code **KPCIVIL** Get Maximum Benefits



Profile: t.me/enggguru

Anshu: Hahaha

Anshu: Book by kp sir I have

Mohasin: Only class notes and concept is enough na sir?

Anshu: Hahah

Anshu: Mahasin 🙏🙏

Anshu: Sir I want to contact on tinder I am unable to find u

Please verify your email from your profile to start messaging

Prof. Agarwal S. S.
Event Coordinator

Dr. R. J. Patil

Principal

Principal

NESGI Faculty of Engineering
Gal No.69,70,71,Naigaon.Tal.Bhor Dist.Pune





Navsahyadri Group of Institutions, Faculty of Engg.
Department of Mechanical Engineering
Academic Year: 2023-24



NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 5th Oct 2023, Mechanical Engineering Department is organising a **Workshop on Start ups and New Ventures**.

The workshop on Startups and New Ventures aimed to provide students with essential knowledge and practical skills to embark on entrepreneurial journeys.



Mulahi

Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaoan, Tal. Bhor, Dist. Pune



1. Title of Activity: Workshop on Start ups and New Ventures

2. Date & venue: 5 Oct 2023, NESGI Campus.

3. Number of Students Participated: 28

4. Outcomes of Activity:

- Gained insights into the fundamentals of launching a startup.
- Learned the steps involved in transforming an idea into a viable business.
- Developed understanding of market research, business models, and funding strategies.
- Gained practical knowledge about legal and financial aspects of starting a new venture.
- Acquired skills in pitching and presenting a startup idea to potential investors.

5. Description of Activity:

The workshop on Startups and New Ventures aimed to provide students with essential knowledge and practical skills to embark on entrepreneurial journeys. It covered the following key areas:

- **Idea Generation and Validation:** Techniques for coming up with innovative business ideas and validating them with potential users.
- **Building a Business Model:** Understanding different business models and choosing the right one for a startup.
- **Market Research:** How to conduct market research and analyze competition.
- **Funding and Investment:** Overview of funding options for startups, including angel investors, venture capital, and crowdfunding.
- **Legal and Financial Considerations:** Important legal aspects such as company registration, intellectual property, and financial planning.
- **Pitching and Presentation:** Practical sessions on creating a compelling business pitch.

6. Summary & Conclusion:

The workshop provided students with actionable knowledge and strategies for starting their own ventures. Through interactive sessions and real-life examples, students were able to grasp the challenges and opportunities in the startup ecosystem. The hands-on activities, including developing a business model and pitching ideas, helped participants apply theoretical knowledge to



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Mechanical Engineering
Academic Year: 2023-24**



practical scenarios. Overall, the workshop fostered an entrepreneurial mindset, encouraging students to think creatively and take calculated risks in pursuing their business ideas.

7. Feedback:

Participants provided positive feedback, highlighting the engaging content and practical approach of the workshop. The hands-on exercises and expert guidance were particularly appreciated. Students mentioned that the session improved their confidence in starting their own ventures and helped them understand the complexities of launching a startup. Many expressed interest in attending more advanced workshops on entrepreneurship in the future.

8. Activity Photos:




Principal
NESGI, Faculty of Engineering
Get No.89,70,71, Hatgaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES
FACULTY OF ENGINEERING
Department of Mechanical Engineering

NAVSAHYADRI GROUP OF INSTITUTES
FACULTY OF ENGINEERING, NAIGAON, PUNE
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y. 2022-23 BE

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	
2	Ajit Dilip Arjun	
3	Barwakar Abhijit Prakash	
4	CHAVAN SWAPNIL DAULAT	
5	Chorage Rupesh Deepak	
6	Dange Naeem Bashir	
7	GHODE DIPAK MARUTI	
8	Desai Shankar Santosh	
9	Gaikwad Akash Shankar	
10	Gaikwad Rutuja Vijay	
11	Gajanan Suryakant Phad	
12	Gogawale Hrishikesh Kaluram	
13	Inamdar Saurabh Pramod	
14	Jadhav Shivprasad Bapurao	
15	Jagtap Vaishnavi Uday	
16	JAMKHANDI AAZAM M.RAFIQUE	
17	Jaybhaye Amol Dinkar	
18	Katalkar Avadhut Manohar	
19	GAWANDE KAUSTUBH DNYANESHWAR	
20	Konde Omkar DNYANESHWAR	
21	Koyade Pavan Vishwambhar	
22	Mahadik Sagar Vilas	
23	Mahangade Abhishek Kashinath	
24	Maheen Noorshan Khan	
25	Maity Amit Kumar Narayan	
26	Malve Kajal Shankar	
27	JADHAV MANDAR BABAJI	
28	Mandavkar Avadhut Mahadev	
29	Mohite Suraj Chandrakant	
30	Mohite Swikar Sampat	
31	Nivalkar Bhavik Prakash	



Handwritten signature of the Principal

Principal
NESGI, Faculty of Engineering
Get No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



NOTICE

All students of the Civil Engineering Department are hereby informed that on 12/11/2023, Civil Engineering Department is organising Seminar on DESIGN OF STEEL STRUCTURES (DSS) as per SPPU pattern and structure. The Guest Speaker is Dr. Atul Khatri.

Seminar Highlights:

- Understanding the principles of **Design of Steel Structures (DSS)**.
- Overview of the **SPPU pattern** and related topics.
- Real-world applications of steel structure design in civil engineering.

All students are encouraged to participate and enhance their knowledge in this vital subject.



M. V. Dalvi

Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Gal. No. 89, 70, 71, Nalgaoan, Tal. Bhos, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. Title of Activity: Seminar on DESIGN OF STEEL STRUCTURES (DSS) as per SPPU pattern and structure by Dr. Atul Khatri

2. Event Coordinator: Prof. P.C.Shivtare

3. No. of members participated : 10

4. Date & venue: 12/11/2023, NGI, Naigaon, Pune

5. Outcomes of activity:

The lecture provides participants with a comprehensive overview of the principles and practices involved in designing steel structures, equipping them with the knowledge to apply these concepts in real-world projects.

6. Description of activity:

A seminar on DESIGN OF STEEL STRUCTURES (DSS) as per SPPU pattern by Dr. Atul Khatri was organised by the Department of Civil under the Flagship and Guidance of Dr.Dalvi, Principal, NGI, FOE. Lecture based on the design of steel structures introduces the fundamental principles and standards, discusses the types of steel sections and their applications, and covers design methods like ASD and LRFD. It includes case studies, recent advances in the field, and a Q&A session, providing a comprehensive overview for participants to enhance their understanding and practical skills in designing steel structures.

7. Activity Experience:

The participants felt that the delivery and presentation of the resource person was good and the seminar brought practical knowledge of the subject in them. They also felt that the seminar was coordinated very well and such seminar's should be arranged regularly.

8. Photos of Activity:



Mulshi

Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Gal.No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Attendance Report

Sr No	Name of Students	Signature
1	Sapkal Aniruddha Ashok	<i>AS Sapkal</i>
2	Shinde Nilam	<i>Nilam</i>
3	Vachakal Shivani Satish	<i>SVS</i>
4	Waghmare Atish Sanjay	<i>AS</i>
5	Wanjale Rohit Arun	<i>Rohit</i>
6	Dhumal Neha Dipak	<i>Neha</i>
7	Giri Ashish Ramesh	<i>AR</i>
8	Jadhav Mayur Sachin	<i>MS</i>
9	Jadhav Sahil Rohidas	<i>Sahil</i>
10	Jadhav Abhishekh Manohar	<i>Abhishekh</i>

mdalvi



Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Get No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24**



NOTICE

All students of the Computer Engineering Department are hereby informed that on 11 December and 12 December 2023, Computer Engineering Department is organising Workshop on AWS Cloud Networking Security: Protecting Your Data and Applications

This event will provide valuable insights into how AWS (Amazon Web Services) and Network security can be utilised to create and manage efficient cloud systems.

All students are encouraged to participate and enhance their knowledge in this vital subject.



M. V. Dalvi
Dr.M.V. Dalvi
Principal



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** Workshop on AWS Cloud Networking Security: Protecting Your Data and Applications
2. **Date & venue:** 11 December – 12 December 2023 NESGI Campus.
3. **Number of Students Participated:** 68
4. **Outcomes of activity:**
 - **Enhanced Security Knowledge:** Students gained a thorough understanding of AWS networking security practices and tools.
 - **Practical Skills:** Participants learned how to configure and manage AWS security features to protect cloud data and applications.
 - **Industry Insights:** Insights into current security threats and best practices in AWS cloud networking were provided.
 - **Career Advancement:** The seminar equipped students with valuable skills and knowledge that can enhance their career prospects in cloud security.
5. **Description of activity:**
 - The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a workshop titled "AWS Cloud Networking Security: Protecting Your Data and Applications". This workshop is conducted by guest of honor Mr. Ravi Sharma. and Our respected Principal Dr. M.V. Dalvi were present and actively participated in the activity to motivate students. The workshop was designed to provide students with a comprehensive understanding of security practices for AWS cloud networking.
 - The session began with an overview of the importance of cloud security, highlighting common threats and vulnerabilities specific to AWS environments. Industry experts discussed key AWS security services such as AWS Identity and Access Management (IAM), AWS Security Groups, and AWS Network Access Control Lists (NACLs).
 - The seminar featured detailed demonstrations on configuring these security features to safeguard AWS resources. Topics covered included setting up security groups for controlling inbound and outbound traffic, configuring NACLs for additional network layer security, and using AWS Shield and AWS WAF (Web Application Firewall) to protect against DDoS attacks and web threats.

- Participants engaged in hands-on exercises to apply what they learned, including setting up secure network architectures, implementing encryption for data at rest and in transit, and monitoring network traffic for potential security issues.

6. Summary & conclusion

The seminar effectively achieved its objectives by providing students with valuable insights into AWS cloud networking security. Students left with a solid understanding of how to implement and manage security measures to protect their cloud data and applications. The hands-on demonstrations and practical exercises were particularly beneficial, allowing students to gain real-world experience in securing AWS environments. The seminar underscored the critical importance of robust security practices in cloud computing and prepared students for careers in cloud security.

7. Feedback

Feedback from participants was highly positive. Students appreciated the depth of the content and the practical approach of the seminar, which made complex security concepts more understandable and applicable. Many students expressed a strong interest in further exploring AWS security topics and requested additional workshops on related subjects. The seminar was praised for its relevance to current industry practices and its ability to provide actionable skills for future career development in cloud security.

8. Photos of activity.





M. V. Dalvi
Dr. M. V. Dalvi
Principal

Nalgaon
Tal. Bhor,
Dist. Pune

Nalgaon Education Society's Group of Institutions, Faculty of Engineering * Nalgaon

Attendance

BE Computer

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	<u>Amate</u>
2	AMBLE ARTI MININATH	<u>Arti A</u>
3	ANJALI SANTOSH KOLHE	<u>A Kolhe</u>
4	AVINASH SHRIMANT VHANMANE	<u>Avinash</u>
5	BADADHE RAJGAURI SUNIL	<u>Badadhe</u>
6	BHILARE NUTAN SANTOSH	<u>Nutan</u>
7	CHANDANE RAJ TANAJI	<u>Raj</u>
8	CHAVAN DIGVIJAY SATISH	<u>C.D.S.</u>
9	DARULU VINAY KUMAR	<u>V. Kumar</u>
10	DESHMUKH SAUGANDH CHARUDATTA	<u>Desmukh</u>
11	DHANAWADE ABHAY RAJENDRA	<u>Abhay</u>
12	DHAYGUDE RUTUJA DHONDIBA	<u>D. Rutuja</u>
13	DHUMAL PRATIK SHIVAJI	<u>Pratik</u>
14	DONODE PRACHI GAJANAN	<u>P. Donode</u>
15	GAIKWAD KAJAL RAMDAS	<u>Kajal</u>
16	GAIKWAD SHRADDHA SURESH	<u>Shraddha B.</u>
17	GANESH BHARAT VHANMANE	<u>Vhanmane</u>
18	GAVHANE SHUBHAM RAJENDRA	<u>Shubham</u>
19	GHADAGE AMIT DATTATRAY	<u>Amit</u>
20	GUND SANJOG SHIVAJI	<u>Sanjog</u>
21	GURAV DIVYA SATISH	<u>Divya</u>
22	HIRE VINAY ASHOK	<u>Hire V.A.</u>
23	INGLE VISHAL NAVANATH	<u>Vishal</u>
24	JAGTAP JANHAVI KRISHNARAO	<u>Janhavi</u>
25	JAMDADE SHRUTIKA CHANDRAKANT	<u>Shrutika</u>
26	JHODGE SAHIL RAHUL	<u>Sahil J.R.</u>
27	KHARIWALE SANIKA SURYAKANT	
28	KULKARNI ROHIT VASANT	<u>Rohit Kulkarni</u>
29	MENDHE UTKARSH GANESH	<u>Utkarsh</u>
30	MISALE SANJANA JAGDISH	

31	MUNDANKAR SHRUTI RAJESH	M. Shreeji
32	NANGARE HARSHAD DATTATRAYA	N. Harshada
33	NAYAN DILIP BUDGUDE	Nayan Dilip
34	PAMANE SHWETA DEVIDAS	Dhili P
35	PARIHAR SHLOK MANOJSINGH	Shlok
36	PAWAR ADITYA DHANANJAY	Aditya
37	PAWAR AMAR BHAI	P. Amar.
38	PAWAR KARTIK SHIVAJI	Kartik Pawar
39	PAWAR SANKET SANTOSH	Sanket
40	PISAL AKSHAY SANJAY	Akshay
41	PISAL SHREYAS VIJAY	Shreyas
42	POL TANMAY SURYAKANT	
43	PRATIK SUNIL SHELKE	P. S. Shelke
44	REDDY LAKHAN NARAYAN	Lakhan
45	SADAFALE KUSHAL JAYANT	Kushal S.
46	SAKSHI PANDURANG BURLE	Sakshi
47	SAKSHI SUNIL KADAM	Sunil
48	SALUNKHE AAKANKSHA AVINASH	Aakanksha S.
49	SALUNKHE ANISHA SANJAY	Anisha S.
50	SANIKA MEGHRAJ ERANDE	SS
51	SANIKA SANJAY MANDHARE	SSM
52	SAURAV RANJEET KUMAR	Saurav
53	SAWANT AKASH ANANDARAO	Akash
54	SAYLI VITTAL VACHAKAL	Sayali
55	SHINDE PRATHAMESH VYANKAT	
56	SHINDE PRATHMESH SHIVAJI	Shinde
57	SHINDE ROHAN PRATAP	Rohan
58	SHIVAM ANAND GAIKWAD	Anand S.
59	SHRIHARI VIJAY GAIKWAD	Vijay
60	SINGH ANKIT RAJESH	Ankit
61	SURWASE VAIBHAV DATTATRAY	Vaibhav
62	TAWARE KETAN RAVINDRA	Ketan
63	VAISHNAVI RAMCHANDRA KAMBLE	V. Kamble

64	WADKAR ROSHAN SHIVAJI	<u>Wadkar</u>
65	WADKAR VAISHNAVI BAJRANG	<u>W. Vaishnavi</u>
66	WAGHMODE PRASANNA DADA	<u>Prasanna</u>
67	WAGHMODE SAMARTH DADA	<u>Samarth</u>
68	WANJALE AARTI NANDKUMAR	<u>Aarti. Wanjale</u>
69	WANKHEDE SANKET RAJENDRA	
70	YADAV AADITI RAJARAM	<u>Aaditi Y.</u>
71	YADAV YOGITA ANANT	<u>Yogita</u>
72	YEDAVE VALLABH SANJAY	<u>Vallabh.</u>
73	YEMUL SAIKRISHNA SHRIKANT	<u>Saikrishna</u>



Mulshi
Dr. M. V. Dalvi
Principal

To
The Principal
NESGI, FoE, Pune

Subject- Regarding permission to conduct a three days workshop on "Advance Java with Spring Boot" on 27th - 29th January 2024.

Respected Sir,

With reference to the subject mentioned, I am writing to request your permission to conduct a three days workshop on "Advance Java with Spring Boot" for our students. Advance Java-one of the most popular and widely used development languages and computing platforms for app development. Developers all over the world start their coding journey by learning Java. For any application development like a trending technology- Spring Boot, the conversation has to start with Java.

This workshop covers the standard concepts such as database connectivity, networking, Servlet, web-services, etc. It will be a hands-on workshop, where students will have the opportunity to practice what they have learned in a supportive environment.

I believe this workshop will be an excellent opportunity for our students to learn valuable skills that they can use in their future studies and careers. The workshop will be conducted by an expert in this domain - Mr. Suchit Gajabi from Info vision Labs.

The remuneration against sessions delivered would be as mentioned below.

Sr.No.	Particulars of the item	Rate/Quantity	Total amount in Rs.
1	Remuneration of guest speaker	03 days (1000* 18hrs)	18000
2	Hospitality(Bouquet, Breakfast, Lunch, Tea)	03 days	2000
Total			20000

The above table gives us the details of the expenses during this workshop. Our department has made arrangements for the fifty percentage of the expenses by collecting 200 Rs (25+20+5 = 50) from each students. In this case we require 10,000/- Rupees from the department.

You are hereby requested to permit us to conduct the workshop and sanction an amount of 10000/-.

Thanking you

P. M. Shilimkar
Workshop Co-ordinator
Prof. P. M. Shilimkar

M. B. Patil
HOD
Prof. M. B. Patil

To
Hon. President
for Consideration & Approval
M. B. Patil

M. B. Patil
HOD

Convener

Prof. M. B. Patil
Cell No +91 7709447690
Head, Dept. of E&TC Engineering

Coordinators

Prof. P M Shilimkar
Cell No +91 8830329442
Email: - pratikshashilimkar1999@gmail.com

Organizing Committee

Faculty members of department of E&TC Engineering

Prof. V B Jagdale

Prof. S N Thorat

Prof. L M Sagle

Prof. S R Shinde

Prof. A S Jamdade

Guest Speaker

Mr. Suchit Gajbhi
InfoVision Labs

Link For Registration



Chief Patrons

Hon'ble Shri. P. N. Suke
President, NGI, Pune

Hon'ble Shri. S. P. Suke
Group Director, NGI, Pune

Organizing Chairman

Dr. M. V. Dalvi
Principal, NGI, FoE, Pune

Patrons

Dr. K. V. Otari
(Principal, NIP, Pune)

Dr. T. D. Dabade
(Director, MBA, NGI, Pune)

Prof. P. S. Bhokare
(Principal, NIT, Pune)

Prof. K. V. Pawar
(Principal, NGEMS, Pune)

Advisory Committee

Prof. S. N. Gujar
Head, Dept. of Computer Engg.

Prof. S. V. Tawade
Head, Dept. of Mechanical Engg.

Prof. A. S. Kale
Head, Dept. of Electrical Engg

Prof. A. R. Kalyane
Head, Dept of Civil Engg.

Prof. S. S. Raut
Head, Engg. Science.



Three Days Workshop
On
"Advance Java with Spring Boot"
(27th - 29th January 2024)

Organized by
Department of E&TC Engineering
Navsahyadri Education Society's
Group Of Institutions, Faculty of Engineering,
Pune



Navsahyadri Group of Institutions
Faculty of Engineering
Naigaon, Pune, Maharashtra - 412213.
www.navsahyadri.edu.in



Navsahyadri Group of Institutions

Faculty of Engineering, Naigaon, Pune-412213

Department of E&TC Engineering



With reference to the meeting held in E&TC Department dated 27th January 2024 the following faculty members are assigned various duties for the workshop on "Advance Java With Spring Boot".

Sr. No.	Committee	Role and Responsibility	SE Student Co-ordinator	TE Student Co-ordinator	Sign
1	Organizing Committee		Vishwajeet Dede	Vishwajeet Mandhre	<u>V.D. Dede</u>
1	Registration and Attendance	Offline Enrollment of student Attendance per session	Vishwajeet Dede	Shravani Walhekar	<u>V.D. Dede</u> <u>SW</u>
2	Experts & Guest Hospitality	Looking after expert and guest and making them feel comfortable	Narendra Jagtap	Aniket Mahangare Vedant Patil	<u>Narendra</u>
3	Inauguration & valedictory	Dice preparation(clean table cloth, Name Plates, small water bottle, stationary-notepad & pen, minute to minute flow of program), mic and projector, Saraswati Pujan, Back Drop Flex	Siddhi Sutar Pranay Salunke Narendra Jagtap	Vaishnavi Nigade Vaishnavi Kadbane Shradha Bhosale	<u>Narendra Jagtap</u> <u>Sutar</u> <u>Bhosale</u> <u>Sutar</u>
4	Photography	Photographs of inauguration, seminar, handson, valedictory and staff with resource	Parth Bodkhe	Aditya Hirave	<u>Bodkhe</u>
5	Feedback and e-certificates	Offline and online feedback, e-certificate generation and distribution	Pooja Desai	Jyoti Bukane Suffiyana Attar	<u>Bukane</u> <u>Suffiyana</u> <u>P.H. Desai</u>
6	Seminar and Hands on Session	Classroom and lab availability	Pranay Salunke & Pratik Salunke	Shreyash Bankar Aditya Kengar	<u>Salunke</u> <u>Bankar</u>
7	Cleaning	Classroom, Seminar Hall, Labs	Yuvraj Date	Aniket Mahangare	<u>Yj</u>
8	Accounts	Permission and submission			
9	Anchoring		Madhuri Sarpale	Shubhangi Tarmode	<u>Madhuri Sarpale</u> <u>Shubhangi Tarmode</u>

M.B. Patil
HOD

P.M. Shilimkar
Event Co-Ordinator

Principal

(Dr. M V Dalvi)

(M B Patil)

(P M Shilimkar)



N.G.I's

Faculty of Engineering, Naigaon, Pune-412213

Department of E&TC Engineering



With reference to the meeting held in E&TC Department dated 27th January 2024 the following faculty members are assigned various duties for the workshop on "Advance Java with Spring Boot".

Sr. No.	Committee	Role and Responsibility	Faculty Member	Sign
1	Registration and Attendance	Offline Enrollment of student Attendance per session	PMS	<u>Pms</u>
2	Experts & Guest Hospitality	Looking after expert and guest and making them feel comfortable	ASJ	<u>ASJ</u>
3	Inauguration & valedictory	Dice preparation(clean table cloth, Name Plates, small water bottle, stationary-notepad & pen, minute to minute flow of program), mic and projector, Saraswati Pujan, Back Drop Flex	SRS	<u>Quinde</u>
4	Photography	Photographs of inauguration, seminar, hand-son, valedictory and staff with resource	LMS	<u>LMS</u>
5	Feedback and e-certificates	Offline and online feedback , e-certificate generation and distribution	SNT	<u>SNT</u>
6	Publicity	News formation and publishing in news papers	LMS	<u>LMS</u>
7	Seminar and Hands on Session	Classroom and lab availability	VBJ and LMS	<u>VBJ</u>
8	Cleaning	Classroom, Seminar Hall, Labs		
9	Documentation	From permission to completion and activity report	PMS and ASJ (activity Report)	<u>Pms</u> <u>ASJ</u>
10	Accounts	Permission and submission	PMS	<u>Pms</u>
11	Anchoring	Inaugural and Validtaory	PMS	<u>Pms</u>
12	Refreshment		PMS .	

M B Patil
HOD

Principal .

(Dr. M V Dalvi)

(M B Patil)

Java Feature

- Lambda expressions
- Company use case of lambda expressions
- Functional interfaces
- Default and static methods in interface
- Stream API with collections
- Date and time API

Advance Java

1. Introduction to Advanced Java concept

- Introduction to advanced java and its significance.
- Understanding the need for advanced features & libraries

2. Java Database Connectivity(JDBC)

- JDBC architecture and drivers
- Connecting to database
- Executing SQL queries using Java
- Statements & prepared statements
- Handling resultSets
- Interview question practices

3. Model-View-Controller(MVC) Servlet

- Understanding MVC architecture
- Implementing MVC with servlets and JSP
- Developing a complete web application
- Solving companys use cases
- Separation of Layers:
- Models,views and controllers

4. Web Services and APIs

- Developing RESTful web services
- JSON

5. Model-View Controller(MVC)Spring Boot

- Introduction of Servlets
- Servlets lifecycle and request processing
- Handling forms and user inputs
- Session management
- Integration with database
- Understanding MVC architecture
- Implementing MVC with spring boot
- Developing web application
- Separation of layers

Setting Up Development Environment:

- Installing JDK(Java Development Kit)
- Configuring the PATH environment variable
- IDE's like Eclipse
- Eclipse keyboard shortcuts

Core Concept

- Package and import
- Instance Block
- JDK and JRE
- Static Block
- JVM
- JIT
- Class communication

Access Specifier/Modifier

- Private
- Default
- Protected
- Public
- Company Scenarios & real-life examples

Garbage Collection(GC)

- Memory management
- Demon thread concept
- Importance of finalize() method
- System.gc() & runtime.gc()

Multithreading

- Thread introduction
- Thread life cycle
- Creating & managing threads
- Demon thread & non-demon thread
- Extending thread class
- Useful methods
- Implementing runnable interface

Date:

Time: 27/1/2020
(9.05-11.00)Name of Training Session: Adv. Java with spring boot

Name of Trainer: _____

Attendance Sheet (E&TC)

Sr	Student Name	Class	Sign
1	Aditya Hirve	TE	<u>Ahirve</u>
2	Aniket Mahangare	TE	<u>Aniket Mahangare</u>
3	Narendra Jagtap	SE	<u>Narendra</u>
4	Pranay Salunke	SE	<u>Pranay</u>
5	Prabhmesh Kirve	T.E.	<u>P</u>
6	Omkar Ranjane	T.E.	<u>Omkar</u>
7	Gauri Gaikwad	T.E.	<u>Gauri</u>
8	Siddhi Sutar	S.E.	<u>Sutar</u>
9	Sarpale Madhuri	S.E.	<u>M. Sarpale</u>
10	Thorat Shivani	S.E.	<u>Thorat</u>
11	Amruta Dhotre	S.E.	<u>Amruta</u>
12	Shrikant Gunjal	TE	<u>S</u>
13	Abhijit Harishchandra Charan	BE	<u>Abhijit</u>
14	Neha Rajesh Powar	BE	<u>Neha</u>
15	Sakshi Santosh Mulusare	BE	<u>Sakshi</u>
16	Aaliya Firoj Tomboli	BE	<u>Aaliya</u>
17	Vaishnavi Sunil Nigode	T.E.	<u>Nigode</u>
18	Shradha Dattatray Bhosale	T.E.	<u>Bhosale</u>
19	Padalkar Kirti Ramchandra.	T.E.	<u>Padalkar</u>
20	Neha Bhagwan Pawar	T.E.	<u>Neha</u>
21	Sufiyana Attar	T.E.	<u>Sufiyana</u>
22	Shruti Kailas Dighhe	T.E.	<u>Dighhe</u>
23	Gore Chaitali Rajaram	T.E.	<u>Gore</u>
24	Kadbane Varsha Namdev	T.E.	<u>Kadbane</u>
25	Gore Priyanka Kisan	TE	<u>Gore</u>
26	Bukan Jyoti Vivek	T.E.	<u>Bukan</u>
27	Walhekar Shravani Nilas	T.E.	<u>Walhekar</u>
28	Tak Grishma Ganesh	T.E.	<u>Tak</u>

Shraddha Bandal	SE ETC	Bandal
Pooja Desai Khandale Srushti	SE E&TC SE E&TC	P.H. Desai Khandale
Akanksha Kank	GE E and TC	Kank
Pratiksha Choudhari	SE E & TC	Choudhari
Mehetre Bhagyashmi ⁰ Paroth Bodkhe.	SE E & TC SE E & TC	Mehetre Bodkhe
Yuvraj Date	SE E & TC	Date
Shailesh. Tilekar	SE E & TC	Tilekar
Ajinkya Korgade	S.E. E & TC	Ajinkya
Harsh Bhosale	S.E. E & TC	Bhosale
Shreyashkumar Baswade	S.E. E & TC	S.D. Baswade,
Pratik Salunkhe	S.E. E & TC	Pratik
Ranesh Zolhare	S.E. E & TC	Zolhare
Tornade Shubhangi	T.E. E & TC	Tornade
Mondali Narute	T.E. E & TC	Mondali
Jagtap Ajinkya. P	T.E. E & TC	A.P. Jagtap
Akash N. Hagawane	T.E. E & TC	Akash
Kengal Aditya Laxman.	T.E. E & TC	Aditya.
Mandhare Vishwasit	T.E. E & TC	Mandhare
Shreyash Bankar	T.E. E & TC	Bankar
Kulkarni Vaishnavi	T.E. E & TC	Kulkarni
Pawar Vaibhav	T.E. E & TC	Pawar

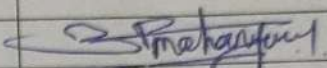
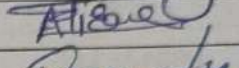
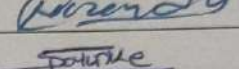
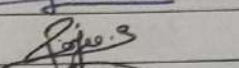
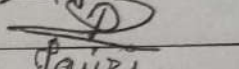
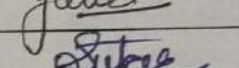
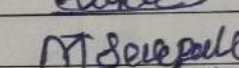
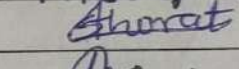
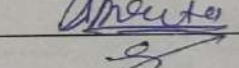
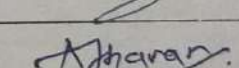
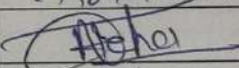
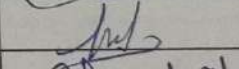
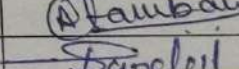
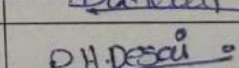
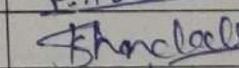
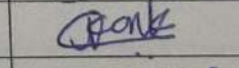
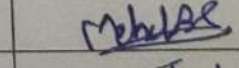
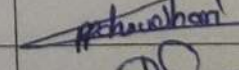
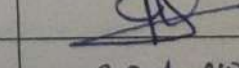
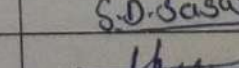
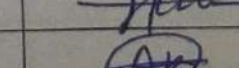
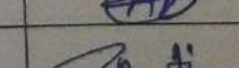
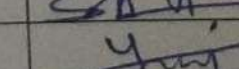

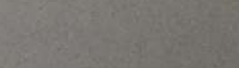

Date: 27/01/25 (Afternoon)

Time:

Name of Training Session: _____

Name of Trainer: _____

Attendance Sheet(E&TC)

S.N	Student Name	Class	Sign
	Mahangore Adiket	TE	
	Aditya Hare	TE	
	Narendra Jagtap	SE	
	Pranay Salunke	SE	
	Ranjane Omkar	TE	
	Kirve Prathmesh	TE	
	Gaikwad Gauri	TE	
	Siddhi Sutar	SE	
	Sarpale Madhuri	SE	
	Thorat shivani	SE	
	Amruta Dhotre	S.E	
	Sheikhan Gauri	TE	
	Abhijit Hanishchandra Chavan	SE	
	Neha Rajesh Powar	BE	
	Sakshi Santosh malwase	BE	
	Aliya Firoj Tambodi	BE	
	Shradha bandal	SE	
	Pooja Desai	SE	
	khandale Smushti	SE	
	Akanksha Kank	SE	
	Mehetre Bhagyashri	SE	
	Pratiksha Choudhari	SE	
	Pratik Salunke	SE	
	shreyashkumar Saswade	S.E	
	Harsh Bhosale	S.E	
	Ajinkya Kargade	S.E	
	Shaitesh Tilkar	S.E	
	Yuvraj Dete	S.E.	

Date: 28/11/24 (Morning)

Time: 9:05-

Name of Training Session: _____

Name of Trainer: _____

Attendance Sheet (E&TC)

S. No.	Student Name	Class	Sign
1	Amsuta Dhotre	S.E	<i>Amsuta</i>
2	Pradnya Vanarase	S.E.	<i>Pradnya</i>
3	Shivani Thorat	S.E	<i>Thorat</i>
4	Mehetre Bhagyashri	S.E	<i>Mehetre</i>
5	Neha Rajesh Pawar	B.E	<i>Neha</i>
6	Sakshi Santosh Malusare	B.E	<i>Sakshi</i>
7	Mahangare Aniket	T.E	<i>Mahangare</i>
8	Hirve Aaditya	T.E	<i>Hirve</i>
9	Mareendra Jagtap	S.E	<i>Mareendra</i>
10	Pranay Salunke	S.E	<i>Pranay</i>
11	Sheikhan Gunjal	TE	<i>Sheikhan</i>
12	Siddhi Sutar	SE	<i>Sutar</i>
13	Sarpale Madhuri	SE	<i>Sarpale</i>
14	Abhijit H. charan	BE	<i>Abhijit</i>
15	Vaibhav Vilas Pawar	T.E.	<i>Vaibhav</i>

	Name	Class	Sign
1	Bankar shreyas	T.E. E & TC	Bankar
2]	shedage Prathamesh	S.E. E & TC	Shedage
3]	Dede vishwajeet	SE. E & TC	DeDede
4]	Date Yurraj	SE E & TC	Date
5	Patil Ishant Bhushan	SE E & TC	Patil
6]	shreyashkumar Saswade	SE E & TC	S.D. Saswade
7]	Salunkhe Pratik	SE E & TC	Salunkhe
8)	Ganesh Buchare	S.E. E & TC	Ganesh
9]	Monali Narute	T.E. E & TC	Monali
10]	Jugtap Ajinkya	T.E. E & TC	A.P. Jugtap
11]	Hagawane Akash	T.E. E & TC	AH
12)	Tarmode Shubhangi	T.E. E & TC	Tarmode
13)	Bukan Jyoti. vivek	T.E. E & TC	Bukan
14)	Tak Grishma Ganesh	T.E. E & TC	Tak
15)	Kulkarni Vaishnavi Parag	T.E. E & TC	Kulkarni
16)	Walhelkar Shrawari Yitav	T.E. E & TC	Walhelkar
17)	Kadbane Varsha Namdev	T.E. E & TC	Kadbane
18)	Gore priyanka Kisan	T.E. E & TC	Gore
19]	Gore Chaitali R.	T.E. E & TC	Gore.C.R.
20)	Padalkar Kirti Ramchandra	T.E. E & TC	Padalkar
21	Bhosale Shradha O.	T.E. E & TC	Bhosale
22	Nigade vaishnavi. S	T.E. E & TC	Nigade
23	Sufiyana Attar.	T.E. E & TC	Sufiyana
24	shruti Dighe	T.E. E & TC	Dighe
25.	Neha Pawar	T.E. E & TC	Neha
26	kengale Aditya	T.E. E & TC	Aditya
27	Patil Vedant Sachin	T.E. E & TC	Patil
28	Mandhare Vishwajit	T.E. E & TC	Mandhare

Date: 29/10/23 (Morning)

Time:

Name of Training Session: _____

Name of Trainer: _____

Attendance Sheet (E&TC)

Sr.No	Student Name	Class	Sign
1	Vanarse Pradnya Dasharth	S.E.	Pradnya
2	Shelke Ritika Sandip	S.E	Shelke
3	Shinalkar Anva Kailas	S.E	Shinalkar
4	Pratiksha Popat Choudhari	S.E	Pratiksha
5	Ayushka Prashant Chopade	S.E	Chopade
6	AKanksha Onyanoba Kark	S.E	Kark
7	khandale Srushti R	SE.	Khandale
8	Pooja Hanmant Desai	SE	P.H.Desai
9	Shraddha Bandal	SE	Bandal
10	Aliya Firoj Tamboli	BE	Aliya
11	Sakshi Santosh malusare	BE	Sakshi
12	Neha Rajesh pawar	BE	Neha
13	Mehetre Bhagyashri Sadashev	SE	Mehetre
14	Amruta Dhotre	S.E	Amruta
15	Shivani Thorat	S.E	Thorat
16	Sarpale Madhuri	S.E	MSarpale
17	Sutar Siddhi	SE	Sutar
18	Gaikwad Gauri	T.E	Gauri
19	Narendra Jagtap	S.E	Narendra
20	Pranay Salunke	S.E	Pranay
21	Mandhare Vishwajit	T.E	Mandhare
22	Mahangare Anilket	T.E	Mahangare
23	Hirave Aditya	TE	Hirave
24	Patil Vedant	T.E	Patil
25	Prathmesh Kirve	T.E.	Prathmesh
26	Omkar Ranjane	T.E.	Omkar
27	Shatini Chandrashekar	B.E	Shatini
28			

29	shedage Prathamesh	S.E E & TC	<u>Shedage.</u>
30	Bankar Shreyas	T.E. E & TC	Balkar
31	Kangade Ajinkya	S.E E & TC	AD
32	Tilakar Shulesh.	S.E E & TC	Shi Ji
33	Yuvraj Date	S.E. E & TC	Yat
34	Parth Bodkhe	S.E. E & TC	<u>Bodkhe.</u>
35	Harsh Bhosale	S.E. E & TC	Huc
36	Shreyashkumar Saswade	S.E E & TC	<u>S.D.Saswade.</u>
37	Pratik Salunkhe	SE E & TC	Pr
38	Ganesh Buhare	S.E E & TC.	G
39	Monali Ngute	TE E & TC.	<u>M.S.Ngute</u>
40	Jagtap Ajinkya	TE E & TC	<u>A.P.Jagtap</u>
41	Amit Harishchandra Chavan	BE (E & TC)	<u>Amit</u>
42	Sheikant Gauraj	TE - II -	S
43	Vaishnavi Nigode	TE e & TC	<u>Nigode</u>
44	Shraddha D. Bhosale	TE e & TC	Bhosale
45	Padmakar Kirti Ramchandra	TE. E & TC	<u>Padmakar.</u>
46	Gore chaitali Rajaram	T.E E & TC	<u>Gore.C</u>
47	Neha Pawar	T.E E & TC	N
48	Sufiyana Attar	T.E E & TC	<u>Sufiyana</u>
49	Shruti Dighe	T.E E & TC	<u>Dighe.</u>
50	Kadbane Varsha Namdev	T.E E & TC	<u>Kadbane</u>
51	Gore priyanka Kisan	T.E E & TC	G
52	Tarmode Shubhangi G.	T.E E & TC	<u>Tarmode.</u>
53	Bukan Jyoti Vivek	T.E E & TC	<u>Bukan</u>
54	Walhekar Shrawani Vilas	T.E E & TC	W
55	Kulkarni Vaishnavi Parag	T.E E & TC	<u>Kulkarni.</u>
56	Kengale Aditya Laxman.	T-E E & TC.	<u>Aditya.</u>
57	Hagawane Akash Ankush	TE E & TC	H
58	Pawar Vaibhav Vilas	T.E	<u>Pawar</u>
59	Shelini Chaudhary	BE	<u>Shelini</u>



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24**



NOTICE

All students of the Computer Engineering Department are hereby informed that on 22nd Feb 2024, Computer Engineering Department is organising Seminar on In-Depth Data Analysis with Python: Methods, Tools, and Best Practices.

This seminar is designed to provide a comprehensive overview of data analysis techniques using Python, focusing on methods, tools, and industry best practices. This seminar will be conducted by guest of honour Mr. Rajesh Kumar. All students are encouraged to participate and enhance their knowledge in this vital subject.



M. V. Dalvi
Dr.M.V. Dalvi
Principal



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** In-Depth Data Analysis with Python: Methods, Tools, and Best Practices
2. **Date & venue:** 22 February 2024 NESGI Campus.
3. **Number of Students Participated:** 70
4. **Outcomes of activity:**

Enhanced Skills: Students developed advanced skills in data analysis using Python, including data cleaning, exploration, and visualization.

Tool Proficiency: Participants became proficient in using Python libraries such as Pandas, NumPy, Matplotlib, and Seaborn.

Best Practices: Students learned best practices for handling and analyzing data, ensuring accuracy and reliability in their analyses.

Practical Knowledge: The seminar provided practical knowledge that students can apply to real-world data analysis projects and future careers.

5. Description of activity:

- The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "In-Depth Data Analysis with Python: Methods, Tools, and Best Practices". This seminar is conducted by guest of honor Mr. Rajesh Kumar and our respected Principal Dr. M.V. Dalvi was present and actively participated in the activity to motivate students. The seminar was aimed to provide a comprehensive understanding of advanced data analysis techniques using Python.
- The session commenced with an introduction to the core Python libraries essential for data analysis, including Pandas for data manipulation, NumPy for numerical computations, and Matplotlib and Seaborn for data visualization.

The seminar covered a range of topics:

- **Data Cleaning and Preprocessing:** Techniques for handling missing values, outliers, and data transformations.
- **Exploratory Data Analysis (EDA):** Methods for summarizing and exploring datasets to uncover patterns and insights.
- **Advanced Visualization:** Creating complex visualizations to effectively communicate data insights.

- **Statistical Analysis:** Applying statistical methods to analyze data and make data-driven decisions.
- Participants engaged in hands-on exercises and real-world case studies, where they applied the learned methods and tools to analyze datasets. The seminar also included discussions on best practices for ensuring the accuracy and reliability of data analysis results.

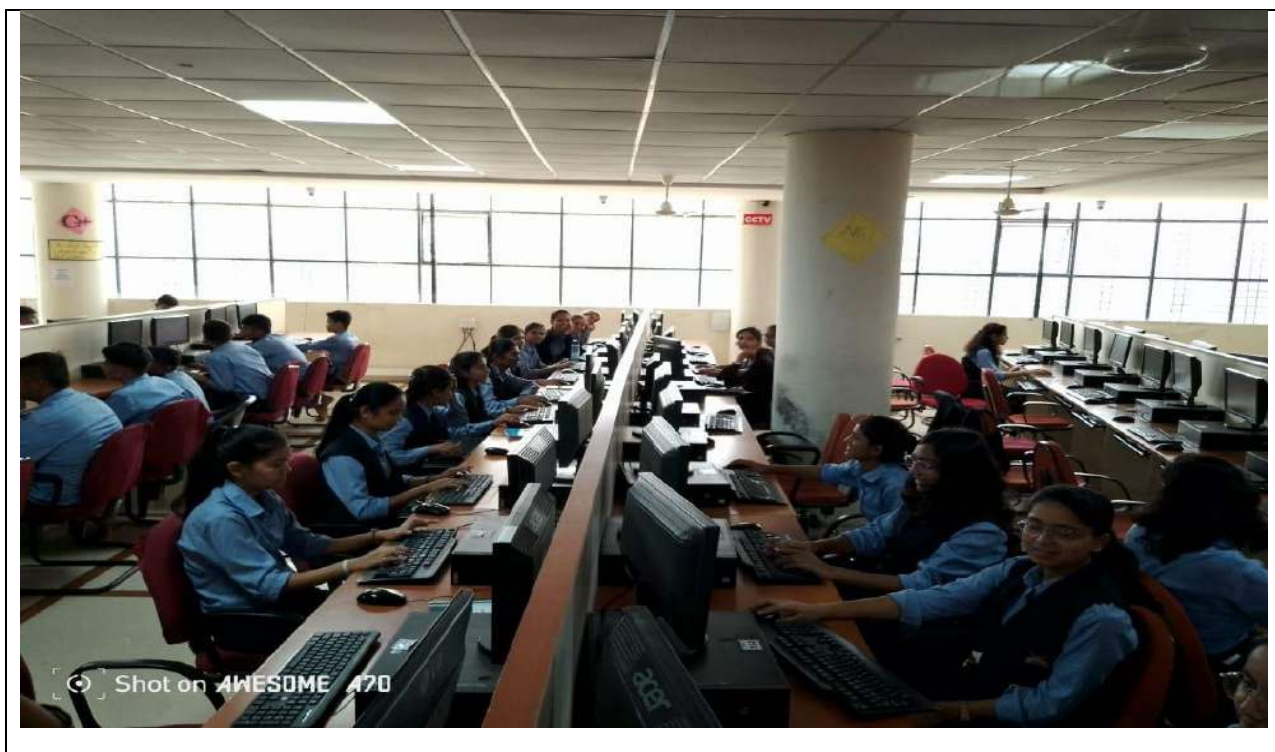
6. Summary & conclusion

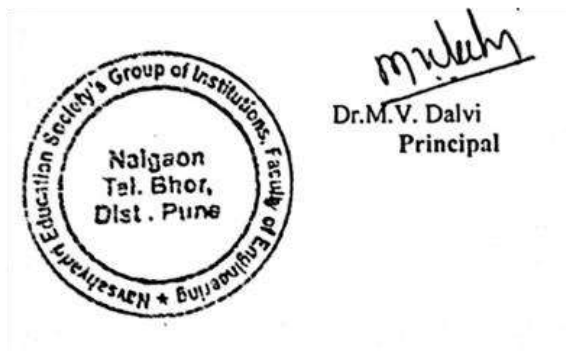
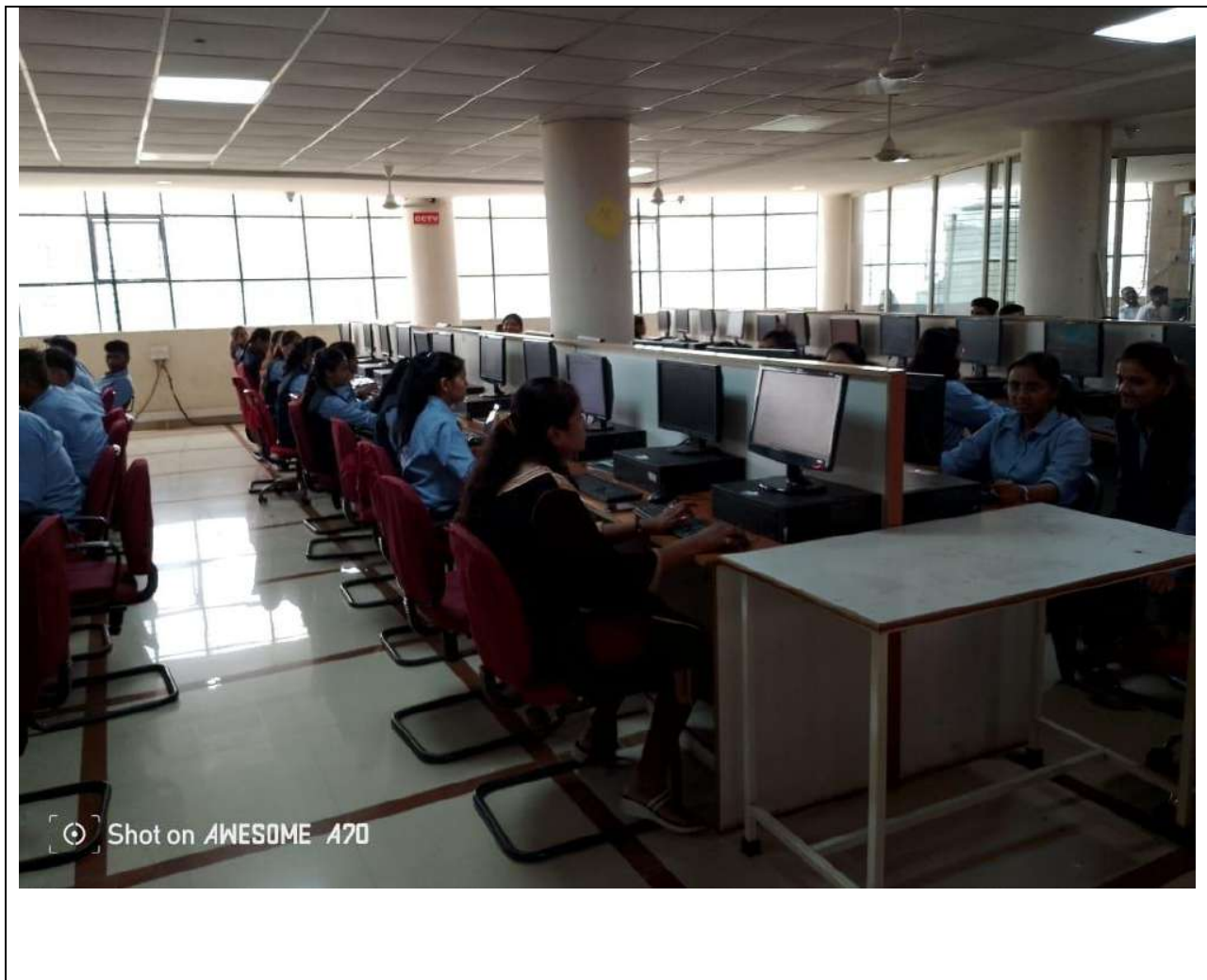
The seminar successfully achieved its objectives by providing students with in-depth knowledge and practical skills in data analysis with Python. The interactive sessions and hands-on exercises allowed participants to apply advanced techniques and tools, enhancing their proficiency in data analysis. The seminar highlighted the importance of best practices in data analysis and equipped students with valuable skills that are directly applicable to real-world scenarios. Overall, the seminar was a valuable educational experience, preparing students for future data analysis challenges and opportunities.

7. Feedback

Students appreciated the detailed coverage of advanced data analysis techniques and the practical approach of the seminar. The hands-on exercises were particularly well-received, providing a tangible understanding of how to apply Python tools and methods to real data analysis tasks. Many students expressed interest in further workshops on related topics and requested additional resources for deepening their knowledge. The seminar was praised for its relevance to current industry practices and its effectiveness in enhancing participants' data analysis skills.

8. Photos of activity.





BE Computer

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	<u>Amate</u>
2	AMBLE ARTI MININATH	<u>Arti A</u>
3	ANJALI SANTOSH KOLHE	<u>A Kolhe</u>
4	AVINASH SHRIMANT VHANMANE	<u>Avinash</u>
5	BADADHE RAJGAURI SUNIL	<u>Badadhe</u>
6	BHILARE NUTAN SANTOSH	<u>Nutan</u>
7	CHANDANE RAJ TANAJI	<u>Raj</u>
8	CHAVAN DIGVIJAY SATISH	<u>C.D.S.</u>
9	DARULU VINAY KUMAR	<u>V. Kumar</u>
10	DESHMUKH SAUGANDH CHARUDATTA	<u>Desmukh</u>
11	DHANAWADE ASHAY RAJENDRA	<u>Ashay</u>
12	DHAYGUDE RUTUJA DHONDIBA	<u>D. Rutuja</u>
13	DHUMAL PRATIK SHIVAJI	<u>Pratik</u>
14	DONODE PRACHI GAJANAN	<u>P. Donode</u>
15	GAIKWAD KAJAL RAMDAS	<u>Kajal</u>
16	GAIKWAD SHRADDHA SURESH	<u>Shraddha</u>
17	GANESH BHARAT VHANMANE	<u>Ganesh</u>
18	GAVHANE SHUBHAM RAJENDRA	<u>Shubham</u>
19	GHADAGE AMIT DATTATRAY	<u>Amit</u>
20	GUND SANJOG SHIVAJI	<u>Sanjog</u>
21	GURAV DIVYA SATISH	<u>Divya</u>
22	HIRE VINAY ASHOK	<u>Hire V.A.</u>
23	INGLE VISHAL NAVANATH	<u>Vishal</u>
24	JAGTAP JANHAVI KRISHNARAO	<u>Jagtap</u>
25	JAMDADE SHRUTIKA CHANDRAKANT	<u>SR</u>
26	JHODGE SAHIL RAHUL	<u>Sahil J.R.</u>
27	KHARIWALE SANIKA SURYAKANT	<u>Rohit Kulkarni</u>
28	KULKARNI ROHIT VASANT	<u>UTKARSH</u>
29	MENDHE UTKARSH GANESH	
30	MISALE SANJANA JAGDISH	

31	MUNDANKAR SHRUTI RAJESH	M. Shruti
32	NANGARE HARSHAD DATTATRAYA	N. Harshada
33	NAYAN DILIP BUDGUDE	Nayan Budgude
34	PAMANE SHWETA DEVIDAS	Dilip
35	PARIHAR SHLOK MANOJSINGH	Shlok
36	PAWAR ADITYA DHANANJAY	Aditya
37	PAWAR AMAR BHAU	P. Amar.
38	PAWAR KARTIK SHIVAJI	Kartik Pawar
39	PAWAR SANKET SANTOSH	Sanket
40	PISAL AKSHAY SANJAY	Akshay
41	PISAL SHREYAS VIJAY	Shreyas
42	POL TANMAY SURYAKANT	Tanmay
43	PRATIK SUNIL SHELKE	P. S. Shelke
44	REDDY LAKHAN NARAYAN	Lakhan
45	SADAFALE KUSHAL JAYANT	Kushal S.
46	SAKSHI PANDURANG BURLE	Sakshi
47	SAKSHI SUNIL KADAM	Sunil
48	SALUNKHE AAKANKSHA AVINASH	Aakanksha S.
49	SALUNKHE ANISHA SANJAY	Anisha S.
50	SANIKA MEGHRAJ ERANDE	SS
51	SANIKA SANJAY MANDHARE	SSM
52	SAURAV RANJEET KUMAR	Saurav
53	SAWANT AKASH ANANDARAO	Akash
54	SAYLI VITTAL VACHAKAL	Sayali
55	SHINDE PRATHAMESH VYANKAT	Shinde
56	SHINDE PRATHMESH SHIVAJI	Shinde
57	SHINDE ROHAN PRATAP	Rohan
58	SHIVAM ANAND GAIKWAD	Anand G.
59	SHRIHARI VIJAY GAIKWAD	Vijay
60	SINGH ANKIT RAJESH	Ankit
61	SURWASE VAIBHAV DATTATRAY	Vaibhav
62	TAWARE KETAN RAVINDRA	Ketan
63	VAISHNAVI RAMCHANDRA KAMBLE	V. Kamble

64	WADKAR ROSHAN SHIVAJJ	<u>Wadkar</u>
65	WADKAR VAISHNAVI BAJRANG	<u>W. Vaishnavi</u>
66	WAGHMODE PRASANNA DADA	<u>Prasanna</u>
67	WAGHMODE SAMARTH DADA	<u>Samarth</u>
68	WANJALE AARTI NANDKUMAR	<u>Aarti Wanjale</u>
69	WANKHEDE SANKET RAJENDRA	
70	YADAV AADITI RAJARAM	<u>Aaditi</u>
71	YADAV YOGITA ANANT	<u>Yogita</u>
72	YEDAVE VALLABH SANJAY	<u>Vallabh</u>
73	YEMUL SAIKRISHNA SHRIKANT	<u>Saikhishna</u>



M. V. Dalvi
Dr. M. V. Dalvi
Principal



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24**



NOTICE

All students of the Computer Engineering Department are hereby informed that on 14th Feb 24 to 15th Feb 24, Computer Engineering Department is organising a Workshop on Research Methodology.

The workshop on Startups and New Ventures aimed to provide students with essential knowledge and practical skills to embark on entrepreneurial journeys.



Mulahi

Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Get No.69,70,71,Naigaoon, Tal. Bhore, Dist. Pune



1. **Title of Activity:** Workshop on Research Methodology.
2. **Date & venue:** 14th Feb 24 to 15th Feb 24
3. **Number of Students Participated:** 28
4. **Outcomes of Activity:**
 - Gained a comprehensive understanding of research methodologies across various disciplines.
 - Learned how to formulate research questions, hypotheses, and objectives.
 - Developed skills in selecting appropriate research designs and data collection methods.
 - Improved knowledge of qualitative and quantitative data analysis techniques.
 - Acquired the ability to write research proposals and structure academic research papers effectively.
 - Enhanced awareness of ethical considerations in research, including plagiarism and data integrity.

5. **Description of Activity:**

The **Workshop on Research Methodology** focused on providing participants with a strong foundation in the principles and practices of academic research. The workshop was divided into several key modules:

- **Introduction to Research:** Overview of the research process, defining research problems, and formulating research questions.
- **Research Designs:** Explanation of various research designs, including exploratory, descriptive, and experimental designs.
- **Data Collection Methods:** Understanding the tools and techniques for collecting primary and secondary data.
- **Qualitative vs. Quantitative Research:** A detailed comparison of the two approaches, including when and how to use each.
- **Data Analysis Techniques:** Introduction to data analysis tools and software such as SPSS, R, and NVivo for both qualitative and quantitative data.
- **Writing a Research Proposal:** Guidance on structuring a clear and compelling research proposal.
- **Ethics in Research:** Emphasis on maintaining integrity, avoiding plagiarism, and adhering to ethical standards in research.



6. Summary & Conclusion:

The **Workshop on Research Methodology** successfully provided participants with the essential tools and techniques needed for conducting rigorous academic research. Participants learned how to design and implement research projects, from the initial stages of problem identification to the final stages of data analysis and reporting. By the end of the workshop, students were better equipped to undertake their own research projects with a clear understanding of best practices and ethical standards. The workshop fostered critical thinking and analytical skills that will be valuable in future academic and professional endeavours.

7. Feedback:

Participants expressed high satisfaction with the workshop, particularly appreciating the in-depth coverage of both qualitative and quantitative research methods. The interactive sessions, including real-world examples and case studies, were well received. Attendees noted that the guidance on writing research proposals and structuring research papers was particularly useful. Many students suggested that similar workshops should be held regularly to provide deeper insights into specific aspects of research methodology. Overall, the feedback indicated that the workshop met its objectives and provided valuable learning outcomes.

8. Activity Photos:




Principal
NESGI, Faculty of Engineering
Get No.89,70,71,Nasgaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24



Day 1 - 14th Feb 24

BE Computer

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	
2	AMBLE ARTI MININATH	
3	ANJALI SANTOSH KOLHE	
4	AVINASH SHRIMANT VHANMANE	
5	BADADHE RAJGAURI SUNIL	
6	BHILARE NUTAN SANTOSH	
7	CHANDANE RAJ TANAJI	
8	CHAVAN DIGVIJAY SATISH	
9	DARULU VINAY KUMAR	
10	DESHMUKH SAUGANDH CHARUDATTA	
11	DHANAWADE ABHAY RAJENDRA	
12	DHAYGUDE RUTUJA DHONDIBA	
13	DHUMAL PRATIK SHIVAJI	
14	DONODE PRACHI GAJANAN	
15	GAIKWAD KAJAL RAMDAS	
16	GAIKWAD SHRADDHA SURESH	
17	GANESH BHARAT VHANMANE	
18	GAVHANE SHUBHAM RAJENDRA	
19	GHADAGE AMIT DATTATRAY	
20	GUND SANJOG SHIVAJI	
21	GURAV DIVYA SATISH	
22	HIRE VINAY ASHOK	
23	INGLE VISHAL NAVANATH	
24	JAGTAP JANHAVI KRISHNARAO	
25	JAMDADE SHRUTIKA CHANDRAKANT	
26	JHODGE SAHIL RAHUL	
27	KHARIWALE SANIKA SURYAKANT	
28	KULKARNI ROHIT VASANT	
29	MENDHE UTKARSH GANESH	
30	MISALE SANJANA JAGDISH	



Principal
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Gal No.89,70,71,Matgaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24



Day 2 - 15th Feb 24

BE Computer

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	<i>Amate</i>
2	AMBLE ARTI MININATH	<i>Arti A</i>
3	ANJALI SANTOSH KOLHE	<i>Akolhe</i>
4	AVINASH SHRIMANT VHANMANE	<i>Avinash</i>
5	BADADHE RAJGAURI SUNIL	<i>Badadhe</i>
6	BHILARE NUTAN SANTOSH	<i>Nutan</i>
7	CHANDANE RAJ TANAJI	<i>Raj</i>
8	CHAVAN DIGVIJAY SATISH	<i>C.D.S.</i>
9	DARULU VINAY KUMAR	<i>V. Kumar</i>
10	DESHMUKH SAUGANDH CHARUDATTA	<i>Desai</i>
11	DHANAWADE ABHAY RAJENDRA	<i>Abhay</i>
12	DHAYGUDE RUTUJA DHONDIBA	<i>D. Rutuja</i>
13	DHUMAL PRATIK SHIVAJI	<i>Pratik</i>
14	DONODE PRACHI GAJANAN	<i>P. Donode</i>
15	GAIKWAD KAJAL RAMDAS	<i>Kajal</i>
16	GAIKWAD SHRADDHA SURESH	<i>Shraddha</i>
17	GANESH BHARAT VHANMANE	<i>Vhanmane</i>
18	GAVHANE SHUBHAM RAJENDRA	<i>Shubham</i>
19	GHADAGE AMIT DATTATRAY	<i>Amit</i>
20	GUND SANJOG SHIVAJI	<i>Sanjog</i>
21	GURAV DIVYA SATISH	<i>Divya</i>
22	HIRE VINAY ASHOK	<i>Hire V.A.</i>
23	INGLE VISHAL NAVANATH	<i>Vishal</i>
24	JAGTAP JANHAVI KRISHNARAO	<i>Janhavi</i>
25	JAMDADE SHRUTIKA CHANDRAKANT	<i>Shrutika</i>
26	JHODGE SAHIL RAHUL	<i>Sahil R.</i>
27	KHARIWALE SANIKA SURYAKANT	
28	KULKARNI ROHIT VASANT	<i>Rohit Kulkarni</i>
29	MENDHE UTKARSH GANESH	<i>Utkarsh</i>
30	MISALE SANJANA JAGDISH	



Khatu

Principal
NESGI, Faculty of Engineering
Gat No.89,70,71, Nagaroon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24



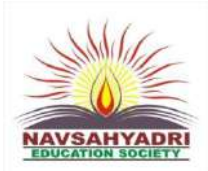
NOTICE

All students of the Computer Engineering Department are hereby informed that on 4 March 2024 - 5 March 2024, Computer Engineering Department is organising Seminar on Next-Gen Data Science: Utilising AI and Python for Advanced Analysis

This seminar is designed to introduce and explore cutting-edge techniques in data science, with a focus on leveraging Artificial Intelligence (AI) and Python for sophisticated data analysis.



M.V. Dalvi
Dr.M.V. Dalvi
Principal



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** Next-Gen Data Science: Utilizing AI and Python for Advanced Analysis
2. **Date & venue:** 4 March 2024- 5 March 2024 NESGI Campus.
3. **Number of Students Participated:** 65
4. **Outcomes of activity:**

Advanced Knowledge: Students gained in-depth knowledge of how AI and Python can be utilized in data science for advanced data analysis.

Skill Development: Participants developed practical skills in applying AI techniques using Python to solve complex data problems.

Enhanced Understanding: Attendees learned about the latest trends and technologies in data science and AI, including real-world applications and tools.

Career Advancement: The seminar equipped students with valuable skills and insights that enhance their career prospects in data science and AI fields.

5. **Description of activity:**

The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "Next-Gen Data Science: Utilizing AI and Python for Advanced Analysis". This seminar was conducted by guest of honor Ms. Pooja Mehta and our respected Principal Dr. M.V. Dalvi was present and actively participated in the activity to motivate students. The seminar was designed to provide participants with a comprehensive understanding of how artificial intelligence (AI) and Python can be leveraged for advanced data analysis.

The session began with an overview of the role of AI in modern data science, including key concepts and technologies such as machine learning and neural networks. Participants were introduced to Python libraries essential for AI and data science, including Pandas, NumPy, Scikit-Learn, and TensorFlow.

Key topics covered included:

- **AI and Machine Learning Basics:** An introduction to AI concepts and machine learning algorithms, and how they apply to data analysis.

- **Data Preparation and Cleaning:** Techniques for preparing and cleaning data to ensure accuracy and reliability in analysis.
- **Advanced Analytics:** Implementing machine learning models and algorithms using Python to analyze complex datasets and derive actionable insights.
- **Real-World Applications:** Case studies and examples demonstrating how AI and Python are used in various industries to solve real-world problems.

The seminar featured hands-on exercises where students applied AI techniques using Python to real datasets. This practical approach helped participants gain experience in building and evaluating machine learning models and using AI tools for advanced data analysis.

6. Summary & conclusion

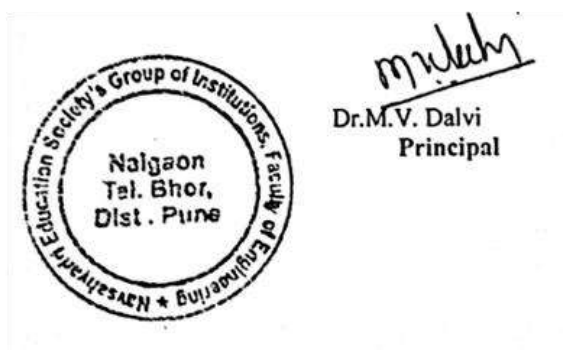
The seminar effectively met its objectives by equipping students with a deep understanding of how AI and Python can be utilized in data science. The combination of theoretical knowledge and practical exercises provided participants with valuable skills that can be applied to real-world data challenges. The seminar highlighted the transformative potential of AI in data science and prepared students for future roles in these rapidly evolving fields.

7. Feedback

Feedback from participants was overwhelmingly positive. Students appreciated the comprehensive coverage of advanced data science techniques and the practical application of AI with Python. The hands-on exercises and real-world examples were particularly well-received, providing valuable experience in implementing AI solutions. Many students expressed interest in further workshops on related topics and requested additional resources for deepening their understanding. The seminar was praised for its relevance to current industry trends and its effectiveness in advancing participants' data science skills.

8. Photos of activity.





Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	<u>Aditya</u>
2	AMBLE ARTI MININATH	<u>Arti</u>
3	ANJALI SANTOSH KOLHE	<u>Anjali</u>
4	AVINASH SHRIMANT VHANMANE	<u>Avinash</u>
5	BADADHE RAJGAURI SUNIL	<u>Rajgauri</u>
6	BHILARE NUTAN SANTOSH	<u>Nutan</u>
7	CHANDANE RAJ TANAJI	<u>Raj</u>
8	CHAVAN DIGVIJAY SATISH	
9	DARULI VINAY KUMAR	<u>V. Kumar</u>
10	DESHMUKH SAUGANDH CHARUDATTA	<u>Saugandh</u>
11	DHANAWADE ABHAY RAJENDRA	<u>Abhay</u>
12	DHAYGUDE RUTUJA DHONDIBA	<u>D. Rutuja</u>
13	DHUMAL PRATIK SHIVAJI	<u>Pratik</u>
14	DONODE PRACHI GAJANAN	<u>P. Donode</u>
15	GAIKWAD KAJAL RAMDAS	
16	GAIKWAD SHRADDHA SURESH	<u>Shraddha</u>
17	GANESH BHARAT VHANMANE	<u>Ganesh</u>
18	GAVHANE SHUBHAM RAJENDRA	<u>Shubham</u>
19	GHADAGE AMIT DATTATRAY	<u>Amit</u>
20	GUND SANJOG SHIVAJI	<u>Sanjog</u>
21	GURAV DIVYA SATISH	<u>Divya</u>
22	HIRE VINAY ASHOK	<u>Hire V.A.</u>
23	INGLE VISHAL NAVANATH	<u>Vishal</u>
24	JAGTAP JANHAVI KRISHNARAO	<u>Janhavi</u>
25	JAMDADE SHRUTIKA CHANDRAKANT	
26	JHODGE SAHIL RAHUL	<u>Sahil J.R.</u>
27	KHARIWALE SANIKA SURYAKANT	<u>Sanika</u>
28	KULKARNI ROHIT VASANT	<u>Rohit Kulkarni</u>
29	MENDHE UTKARSH GANESH	<u>Utkarsh</u>
30	MISALE SANJANA JAGDISH	<u>Sanjana</u>

31	MUNDANKAR SHRUTI RAJESH	M. Shrivati
32	NANGARE HARSHAD DATTATRAYA	N. Harshada
33	NAYAN DILIP BUDGUDE	Nayan Budgu
34	PAMANE SHWETA DEVIDAS	Dilip
35	PARIHAR SHLOK MANOJSINGH	Shlok
36	PAWAR ADITYA DHANANJAY	Aditya
37	PAWAR AMAR BHAU	P. Amar
38	PAWAR KARTIK SHIVAJI	Kartik Pawar
39	PAWAR SANKET SANTOSH	Sanket
40	PISAL AKSHAY SANJAY	Akshay
41	PISAL SHREYAS VIJAY	
42	POL TANMAY SURYAKANT	Tanmay
43	PRATIK SUNIL SHELKE	P.S. Shelke
44	REDDY LAKHAN NARAYAN	Lakhan
45	SADAFALE KUSHAL JAYANT	Kushal S
46	SAKSHI PANDURANG BURLE	Sakshi
47	SAKSHI SUNIL KADAM	Sunil
48	SALUNKHE AAKANKSHA AVINASH	Aakanksha
49	SALUNKHE ANISHA SANJAY	Anisha S.
50	SANIKA MEGHRAJ ERANDE	SS
51	SANIKA SANJAY MANDHARE	SSM
52	SAURAV RANJEET KUMAR	Saurav
53	SAWANT AKASH ANANDARAO	Akash
54	SAYLI VITTAL VACHAKAL	Sayali
55	SHINDE PRATHAMESH VYANKAT	Shinde
56	SHINDE PRATHMESH SHIVAJI	
57	SHINDE ROHAN PRATAP	R.P.
58	SHIVAM ANAND GAIKWAD	Anand G.
59	SHRIHARI VIJAY GAIKWAD	Vijay
60	SINGH ANKIT RAJESH	Ankit
61	SURWASE VAIBHAV DATTATRAY	Vaibhav
62	TAWARE KETAN RAVINDRA	
63	VAISHNAVI RAMCHANDRA KAMBLE	V. Kamble

64	SHEVALE AMAR NAVNATH	
65	SHINDE AVINASH ASHOK	(Shinde)
66	SHIRSALE MITESH BHASKAR	SMIB
67	SUBHEDAR LIYAKAT SALAUDDIN	Subhedar
68	TARADE SHRADHA SANTOSH	Tarade
69	TARATE PRASHANT BAPU	
70	TARATE RUTUJA RAJENDRA	Tarate
71	VISHWANATHULAWAR ADITHYA	VP
72	WADAKR TUKARAM BABAN	W.T.B
73	ZAGADE TANUJA SANJAY	Zagade
74	SHEWALE ADITYA MAHINDRA	Shewale



m. Dalvi
Dr. M. V. Dalvi
Principal

Seminar On

Data Visualization with Tableau, Creating Interactive Dashboards and Reports

What You'll Learn:

- Master the essentials of Tableau and data visualization.
- Build interactive dashboards that communicate insights effectively.
- Learn how to create dynamic reports to drive better business decisions.

Hands-On Training

- Importing and preparing data for visualization.
- Crafting compelling visual stories using Tableau's tools.
- Designing interactive dashboards with filters, parameters, and tooltips.
- Sharing dashboards and reports with stakeholders.

Department of Computer Engineering

VENU: COMPUTER CENTER
Date: 19 April 2024
TIME: 10:00 AM

Contact :

Prof. R. R. Bhuvad
9623024926



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** Data Visualization with Tableau, Creating Interactive Dashboards and Reports
2. **Date & venue:** 19 April 2024 NESGI Campus.
3. **Number of Students Participated:** 71
4. **Outcomes of activity:**

Enhanced Skills: Participants developed practical skills in using Tableau for creating interactive and visually appealing dashboards and reports.

Improved Understanding: Attendees gained a deeper understanding of data visualization principles and best practices.

Hands-On Experience: Students received hands-on training with Tableau, learning how to manipulate data, create visualizations, and build interactive dashboards.

Real-World Applications: The seminar highlighted real-world applications of data visualization in various industries, providing context for how these skills can be applied in professional settings.

5. Description of activity:

The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "Data Visualization with Tableau: Creating Interactive Dashboards and Reports". This seminar is conducted by guest of honor Mr. Vikram Singh and our respected Principal Dr. M.V. Dalvi was present and actively participated in the activity to motivate students. The seminar aimed to equip participants with the skills needed to effectively use Tableau for data visualization. The session included

Introduction to Tableau: Overview of Tableau's capabilities and its role in data visualization. Participants were introduced to the Tableau interface and key features.

Data Preparation: Techniques for preparing and importing data into Tableau, including data cleaning and transformation.

Creating Visualizations: Hands-on exercises in creating various types of visualizations, such as bar charts, line graphs, scatter plots, and maps.

Building Dashboards: Training on how to combine multiple visualizations into interactive dashboards, including adding filters, parameters, and interactivity.

Report Generation: Methods for designing and generating reports that effectively communicate insights and support decision-making.

Case Studies: Real-world examples demonstrating how Tableau is used in different industries for data analysis and reporting.

Participants engaged in interactive sessions with practical exercises using Tableau, which allowed them to apply the concepts learned and create their own dashboards and reports.

6. Summary & conclusion

The seminar successfully provided participants with comprehensive training in Tableau for data visualization. By covering both theoretical concepts and practical applications, the session equipped students with the skills needed to create and manage interactive dashboards and reports. The hands-on approach ensured that attendees could directly apply what they learned to real-world scenarios, enhancing their ability to visualize and interpret data effectively.

7. Feedback

Feedback from participants was highly positive. Students appreciated the practical, hands-on approach to learning Tableau and found the exercises to be highly relevant and beneficial. The real-world case studies were particularly valued, as they provided practical context for the skills learned. Many participants expressed interest in further workshops on advanced Tableau features and other data visualization tools. Suggestions for improvement included providing more examples of complex dashboard scenarios and offering additional support for beginners.

8. Photos of activity.





Roll No.	Name of Students	Signature
1	ADAM NIRAJ VIJAY	Niraj (A)
2	AWACHAR SHREYASH SUNIL	Shreyash
3	BAMBOLE ANIRUDDHA RADHESHYAM	Aniruddha
4	BARKADE ASMITA YUVRAJ	Asmita
5	BHISE RAJNANDINI RAVINDRA	Raj
6	BHOITE NAMRATA SUNIL	
7	BHOSALE ASHWINI RAMCHANDRA	Ashwini
8	BIRAJDAR ABHISHEK SATISH	AB
9	BODAKE VIRAJ ANIL	Viraj
10	CHALEKAR TEJAS RAJENDRA	
11	CHAVAN AVINASH BHASKAR	Chavan A
12	CHITAL VINAYAK VENKATESH	Chital
13	DAMODAR AJINKYA MAHENDRA	Ajinkya
14	DATIR ANIKET PANDURANG	Aniket
15	DHAS VIRAJ AMOL	(DVM)
16	DHUMAL SAKSHI RAJENDRA	Sakshi
17	DOKE KIRAN SAWATA	Dokran
18	DOKE VISHAL DATTATRAY	DVP
19	GAMBHIRE PATIL PRATIK VIJAYKUMAR	Pratik G
20	GANGURDE DIKSHITA RAJENDRA	Di Diksha
21	GHORPADE ASMITA MAHESH	Asmita
22	GOLE YASH SUDHAKAR	Yash
23	HAKE PRATIK SANJAY	H Pratik
24	HEDE AKASH RAJU	Akash
25	HOLKAR KARTIKESH SUNIL	Kartikesh
26	INGALE PIYALI HEMANT	Piyali I
27	JADHAV ANUSHKA MOHAN	Anushka
28	JADHAV RITESH RAHUL	Ritesh
29	JAGTAP ABHIJIT GANESH	Abhijit T
30	KADAM AADITI AJAY	AADiti

31	KADAM MAHESGAR GANPATI	<u>Adhure</u>
32	KAJAL KUMARI	<u>K.K</u>
33	KAMBLE ATHARV BALU	<u>Kambale</u>
34	KARE PRAJAKTA KUNDLIK	<u>K. Prajakt</u>
35	KHAWALE PRASAD DILIP	<u>K.P/D</u>
36	KONDE SAHIL SHARAD	<u>Konde</u>
37	KONDHALKAR TANAYA DATTATRAY	<u>Kondhalkar</u>
38	KSHIRSAGAR LALITA DATTATRAY	<u>KLD</u>
39	LAHANE ARPITA ANGAD	<u>Vishwarg</u>
40	MADGUDE VISHWARAJ VILAS	<u>M.V</u>
41	MAGAR ABHIJEET SANTOSH	<u>S.M</u>
42	MAHIMA BHARATI	<u>MB</u>
43	MALI SIDDHESH SATISH	<u>M. Siddhesh</u>
44	MANE PRAMOD ULHAS	<u>Mane P</u>
45	MUSKAN KUMARI	
46	NAIK OMKAR SUMAN	<u>N. Omkar</u>
47	NANGARE SAKSHI SUNIL	<u>N.SS</u>
48	NIKAM RUCHIKA VIJAY	<u>N.R.V</u>
49	NIMBALKAR SURAJ SAMBHAJI	<u>N.SS</u>
50	PALKHE AKSHATA SUNIL	<u>Palkhe Ash</u>
51	PARJANE PRATIK PARMESHWAR	<u>PPD</u>
52	PARTHE SURAJ SANTOSH	<u>PSS</u>
53	PASALKAR OM NAVNATH	<u>Om</u>
54	PATIL SAYALI BABURAO	<u>Patil</u>
55	PAWAR ADITYA GANGADHAR	<u>P. Aditya</u>
56	PAWAR PRAJWAL ASHOK	<u>P. Pawar</u>
57	PHADATARE ANKITA ANIL	<u>Ampp</u>
58	RASAL SAKSHI SHRIKANT	<u>R.SS</u>
59	RASKAR SHRUTI MAHENDRA	<u>R.S.M</u>
60	SAGVEKAR ANKITA ANANT	<u>Sagvekar</u>
61	SAKAT PRIYA MANIK	<u>Sankat P</u>
62	SALUNKE CHAITANYA DATTATRAY	<u>SPM</u>
63	SHAIKH SAHIL HUSEN	<u>Shai</u>

64	SHEVALE AMAR NAVNATH	SAN
65	SHINDE AVINASH ASHOK	Shinde
66	SHIRSALE MITESH BHASKAR	SMIB
67	SUBHEDAR LIYAKAT SALAUDDIN	Subhedar
68	TARADE SHRADHA SANTOSH	Talade
69	TARATE PRASHANT BAPU	TR
70	TARATE RUTUJA RAJENDRA	Tarate
71	VISHWANATHULAWAR ADITHYA	VA
72	WADAKR TUKARAM BABAN	W-TB
73	ZAGADE TANUJA SANJAY	Zagade
74	SHEVALE ADITYA MAHINDRA	Shewale



m. V. Dalvi
Dr. M. V. Dalvi
Principal



NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 07 September 2022, Mechanical Engineering Department is organising Seminar on ARM Based Embedded Web Server.

This seminar will provide valuable insights into ARM architecture and how it can be applied to create efficient, low-power embedded web servers. The topics covered will include:

- Introduction to ARM Architecture
- Embedded Systems and their Applications
- Designing Web Servers using ARM Processors
- Real-time Case Studies and Project Demonstrations



Principal
NESGI, Faculty of Engineering
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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. Title of Activity: ARM Based Embedded Web Server

2. Date & venue: 7th September 2022, Computer Center NESGI

3. Outcome of activity:

- The ARM-Based Embedded Web Server project aimed to develop and implement a web server on ARM architecture, exploring its applications in the Internet of Things (IoT) and embedded systems.
- The project focused on utilizing ARM microcontrollers to host a web server that could handle HTTP requests and responses efficiently.

4. Description of activity:

- Inauguration of function
- Speech on ARM Based Embedded Web Server

5. Objectives:

Understanding ARM Architecture:

Overview of ARM architecture and its suitability for embedded systems. Exploration of ARM microcontrollers with a focus on web server capabilities.

Web Server Development:

Setup and configuration of the ARM-based embedded system for web server hosting. Development of basic web pages and dynamic content generation on the server.



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Integration with IoT Devices:

Investigate and implement communication protocols for IoT devices to interact with the embedded web server. Explore the potential for remote monitoring and control using web-based interfaces.

Security Considerations:

Implementation of basic security measures such as authentication and encryption. Discussion on securing embedded web servers in IoT applications.

6. Activities:

1. ARM Architecture Workshop: In-depth sessions on ARM architecture and its variations suitable for embedded applications. Hands-on exercises to familiarize participants with ARM microcontrollers.

2. Web Server Development:

Participants configured ARM development environments and successfully set up web servers on ARM-based platforms. Coding sessions to create basic web pages, handle HTTP requests, and generate dynamic content.

3. IoT Integration:

Implementation of communication protocols (e.g., MQTT, CoAP) for IoT device interaction. Participants explored real-world scenarios where an embedded web server could be utilized in IoT applications.

4. Security Implementation:

Workshop sessions on securing the embedded web server, including authentication mechanisms. Discussions on potential vulnerabilities and best practices for securing IoT applications.



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7. Achievements:

Successful Web Server Deployment:

Participants achieved successful deployment of a functional web server on ARM architecture.

IoT Integration Demonstrations:

Demonstrations showcased successful integration of the embedded web server with IoT devices for remote monitoring and control.

Security Implementation:

Basic security measures were implemented, highlighting the importance of securing embedded web servers in IoT applications.

Knowledge Transfer:

Participants gained a solid understanding of ARM architecture, web server development, and IoT integration.

Challenges:

Limited resources on some ARM microcontrollers posed challenges in optimizing web server performance. Addressing security concerns and balancing them with resource constraints.

Recommendations for Future Work:

Explore advanced security measures for embedded web servers. Investigate optimization techniques for resource-constrained ARM microcontrollers.



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8. Conclusion: The ARM-Based Embedded Web Server project provided participants with valuable insights into ARM architecture, web server development, and IoT integration. The successful deployment of a functional embedded web server demonstrates the potential applications of this technology in various industries. The project not only addressed technical challenges but also emphasized the importance of security considerations in IoT applications.

9. Photos of the workshop




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Sr. No 69, 70 & 71, Naigaon [Nasrapur], Bhor, Pune- 412213.
BE GFM ROLL CALL LIST 2022-23

SR. NO.	NAME OF THE STUDENT	GFM
1	BANDAL VISHAL SHIVAJI	Vishal
2	BHASKAR AKSHAY LAXMAN	Akshay
3	BHASMTE TEJASWINI CHANDRAKANT	Tejaswini
4	BHOMBE SAGAR SUKHDEV	Sagar
5	BICHKULE AKSHAY SANJAY	Akshay
6	DESAI KISHAN SUBHASH	Kishan
7	DHENDE ROHIT KUMAR	Rohit
8	DHURDE MAYURI MAHADEO	Mayuri
9	FUKAT ASMITA	Asmita
10	GADDIME AKASH HARIRAM	Akash
11	GAIKWAD VINOD SANJAY	Vinod
12	GHADAGE ARTI YASHWANT	Arti
13	GORE DHANANJAY	Dhananjay
14	HAJARI AAYESHA MANSOOR	Aayesha
15	JADHAV MAYURI MAHESH	Mayuri
16	JADHAV PRAJKTA ANANDA	Prajakta
17	JAGTAP SANJAY SAHEBRAO	Sanjay
18	KANDHARE JEEVAN MURLIDHAR	Jeevan
19	KELE LAHU GOVINDRAO	Lahe
20	KOLAP SOMNATH SATGONDA	Somnath
21	KONDE ASHISH SUNIL	Ashish
22	KORDE SAKSHI	Sakshi
23	PATHE ANIKET SANJAY	Aniket
24	PAWAR PRANAV PRADEEP	Pranav
25	RHAYAKAR PRADIP PANDIT	Pradip
26	SALUNKE ROSHAN JAGDISH	Roshan
27	SAWANT PRASHANT BALU	Prashant
28	SAWANT SACHIN	Sachin
29	SHAIKH AAFIYA DILAWAR	Aafiya
30	SHEMBALE MAHESH LAXMAN	Mahesh
31	SHINDE RAHUL ANAND	Rahul
32	SHINDE RAHUL VILAS	Rahul
33	SHIRODKAR ASHWINI KANTA	Ashwini
34	SHIRSAT VIKRAM KAKASO	Vikram
35	TAMBADE SANKET SHAM	Sanket
36	THORAT ARATI NILESH	Arati
37	WARKHADE YASH DATTATRAY	Yash
38	WAWRE RAJRATNA BHIMRAO	Rajratna
39	GHODAKE AMIT	Amit
40	KOPADE RUSHIKESH	Rushikesh


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Get No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune


Prof. S. V. Tayade
HOD




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NOTICE

We are excited to announce that the Mechanical Engineering Department is organizing a seminar on **Flexible Battery Technologies**, which are revolutionising the future of energy storage. The seminar will explore cutting-edge advancements in flexible, lightweight, and efficient battery designs, which have applications in wearable electronics, medical devices, flexible electronics, and more.

Topics to be Covered:

- Introduction to Flexible Battery Technologies
- Materials and Design Principles
- Applications in Wearable and Flexible Electronics
- Future Prospects and Innovations

Date - 7 Sep 2022



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ACTIVITY REPORT

1. Title of Activity: Flexible Battery Technologies

2. Date & venue: 7th September 2022, Classroom No. 11, Electrical Department

3. Outcome of activity:

- Participants gained a comprehensive understanding of the principles, materials, and manufacturing processes involved in flexible battery technologies.
- Practical Skills Development: Participants acquired hands-on experience through workshops or practical sessions, including the assembly and testing of flexible battery prototypes.
- Awareness of Emerging Trends: Attendees were updated on the latest advancements and emerging trends in the field of flexible battery technologies.
- Applications and Innovations Showcase: The workshop showcased various applications and innovative projects utilizing flexible batteries, providing participants with insights into the real-world impact of the technology.
- Expert Insights: Industry experts and thought leaders shared valuable insights, providing participants with a deeper understanding of the challenges, opportunities, and future directions in flexible battery technologies.

4. Description of activity:

- Inauguration of function
- Speech on Flexible Battery Technologies

5. Hands-On Sessions: Practical demonstrations and exercises to enhance understanding. Opportunities for participants to work with flexible battery prototypes.



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6. Expert Sessions: Talks and presentations by industry experts on the latest developments. Q&A sessions for participants to engage with speakers.

7. Networking Opportunities: Structured networking sessions to foster collaboration and idea exchange. Building connections with professionals in the field.

8. Photos of the workshop



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Navsahyadri Education Society's Group of Institutions
Naigaon Pune-412213
Department of Electrical Engineering
Academic Year 2022-23(SEM-I)
T.E ELECTRICAL

Roll.No.	Name Of the student	GFM
1	ANSARI PARVEZ ALAM	Ansari
2	BANDAL RIYA RATNAKANT	Bandal
3	BHUJADE ANJALI SUDHAKARRAO	Bhujade
4	BOBADE PUSHPAK SANJAYKUMAR	Bobade
5	BODARE BHARAT DASHRATH	Bodare
6	CHAUDHARY ABHAY SANJAY	Chaudhary
7	CHAVAN DHIRAJ JAYWANT	Chavan
8	DANGE RUTUJA LAXMAN	Dange
9	EKSHINGE SHRADHA UTTRESHWAR	Ekshinge
10	GADAGE SOURABHA D	Gadage
11	GADE AVDHUT TUKARAM	Gade
12	GITTE OMKAR VITTHAL	Gitte
13	JADHAV KOMAL DADASO	Jadhav
14	JADHAV PRUTHVIRAJ SATYAWAN	Jadhav
15	JADHAV VAISHALI AUDUMBAR	Jadhav
16	JAGTAP ABHIJIT VIJAY	Jagtap
17	JAGTAP SAEED PRAMOD	Jagtap
18	JAMBURE OMKAR AVINASH	Jambure
19	KALUKHE MRUNALI SAVATA	Kalukhe
20	KUMBHAR PALLAVI SUNIL	Kumbhar
21	LAGAD JYOTI RAJARAM	Lagad
22	MESHRAM MUKESH KAILESH	Meshram
23	MESHRAM VAIBHAV GANESH	Meshram
24	MESTRY VAISHNAVI SANTOSH	Mestry
25	MODHAVE SHRIKANT KUNDLIK	Modhave
26	NAIK GIRISH	Naik
27	PAITHANKAR LALIT DATTATRAY	Paithankar
28	PARTHE SANKET SANTOSH	Parthe
29	PATEL RAHAT TAKIB	Patel
30	PATIL HARSHAD SUNIL	Patil
31	PATIL PADMAJA BALBHIM	Patil
32	SABALE BUDDHABHUSHAN RAMESH	Sabale
33	SHARMA VIKASH	Sharma
34	SHIVARKAR VIJAY SAMBHAJI	Shivarkar
35	SONTAKKE TUSHAR	Sontakke
36	TAKAWALE SOURABHA	Takawale
37	UMBRATKAR SHEKHAR	Umbatkar
38	WASNIK NAYAN RAJU	Wasnik

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Prof. S. V. Tayade
HOD



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Mechanical Engineering
Academic Year: 2022-23**



NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 12-Sep-2022, Mechanical Engineering Department is organising “3DPrintingWorkshop”.

This workshop will cover the fundamentals of 3D printing, its applications in various fields, and the practical skills needed to design and print your own models.

Workshop Highlights:

- Introduction to 3D Printing Technology
- Designing 3D Models Using CAD Software
- Applications in Engineering, Medicine, Manufacturing, and Art



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Department of Mechanical Engineering

Title of Activity: A Reporton, “3DPrintingWorkshop”.

Academic Year: 2022-23

Date & Venue: 12-Sept-2022, Abdul Kalam Memorial Hall

Activity : 3D Printing Workshop

Resource Person / Trainer: Mr. Digvijay Pote & Ms. Pooja Patil

Co-ordinator: Mechanical Engineering Department (Prof. J. P. Hugar)

Target audience: TE & BE Students

Total Number of Students Participated: 116

Duration of Course: One Day

Objectives:

1. This course will demonstrate on the working of 3Dprinter,
2. 3Dprinting course will also explore the future of it and discussion how it will revolutionize the world.
3. Upon the completion of this course, students will have the solid understanding of 3Dprinting, its potential, and ability to print 3D designs.

Outcome of Activity:

At the conclusion of this course, students should be able to

1. Learn about the materials, designing of CAD models, working of a 3D Printer
2. Understand how to build and calibrate a 3Dprinter
3. Understand the basics of Gcode generation
4. The participants will get 3Dprinted models that they design




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Department of Mechanical Engineering

Activity Description:

This training program organized for Third year & Final year Mechanical Engineering students. Training create lots of awareness among the students regarding 3D Printing and its applications. Students learnt about 3D printing programming & completed hands on training.



Workshop on 3D Printing Technology

Feedback:

- All students are happy about the course content of this activity. They feel motivated toward 3D printing course. All objectives are fulfilled.



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Department of Mechanical Engineering

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 DEPARTMENT OF MECHANICAL ENGINEERING
 A.Y. 2022-23 TE

R.N.	Name of the Students	Signature
1	AKHILESH RAM	Ram
2	BADADHE ABHIJEET GULAB	Gadde
3	BHILARE VAIBHAV ANIL	Vaibhav
4	BHOSALE YASHPAL VISHWAS	B.V.V
5	CHAVAN SHUBHAM SHANKAR	Shubham
6	CHORGHADE NAVNATH DILIP	Chorghade
7	DHUMAL ABHISHEK JITENDRA	Dhumal
8	DUDUSKAR AJAY NANDKUMAR	A N Duduskar
9	GANGAWANE KISHOR KALU	Kangawane
10	GHADGE PRITAM RAMESH	Gadgde
11	JAGTAP SAURABH SADASHIV	S. S. Jagtap
12	KAMBLE KIRAN RAJENDRA	Kamble
13	KAZI BADAL BADRUDDIN	B. B. KAZI
14	LAVHALE PRASHANT RAMESH	Prashant
15	NAVEEN KULDEEP SINGH	Naveen
16	PALANDE SHRIKANT RAJESH	S. R. Palande
17	PAWAR SAURABH POPAT	Saurabh
18	SHERE GAURANG SANJAY	Shere
19	SHINDE SAHIL SHEKHAR	S. S. Shinde
20	ANERAO DIPAK NALCHAND	AB
21	BADAK PRANAY TANAJI	Pbadak
22	BANDAL RAHUL UDDHAV	Pbandal
23	BANSODE PRIYANKA MAHIPAL	P-bansode
24	BHILARE PRASAD SUNIL	AB



Prasade

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Department of Mechanical Engineering

25	BHILARE RANJIT ARUN	ABhilare
26	BOBADE MAHESH SANJAY	Msbobade
27	CHARPE AMEYA JAGDISH	ACHarpe
28	CHATURKAR CHETAN NAMDEVRAO	C.C.Chaturkar
29	CHIRAME ANIKET SHANKAR	ACHirame
30	DALVI SIDDHESH SURYAKANT	S-S. Dalvi
31	DEWADE ANIL GAUTAM	- AB -
32	DEWULKAR UMESH UTTAMRAO	UDewulkar
33	DHAKE KHEMCHAND KAMALAKAR	EDHake
34	DIGE ABHISHEK ADHIK	ADige
35	GADAGE RUTUJA RAMDAS	RGadage
36	GAIKWAD MUKUND MAHADEV	Mgaikwad
37	GAIKWAD SACHIN NAMDEO	SN.Gaikwad
38	GAJAKOSH SHUBHAM-DATTATRAY	SGajakosh
39	GHOHARE GANESH DHANANJAY	GDhohare
40	GOPALE ANIRUDDHA DATTATRAY	AGopale
41	JADHAV AAKASH SHASHIPAL	AJ.
42	JAMADAR AKASH BHOJAPPA	ABJamadar
43	KADAM AMIT MOHAN	AKadam
44	KADAM AMIT RAMDAS	ARKadam
45	KADAM ROHIT MARUTI	Kadam
46	KADU MAYUR SHANKAR	MKadu
47	KHAN SHABBIR BALEKHA	AKhan
48	KHOND DATTATRAY SUNIL	DSKHND
49	KHUMBHARKAR SUSHANT LAXMAN	LKhumbhar
50	KSHIRSAGAR VISHAL ASHOK	V.S.Kshirsagar
51	KUMBHAR OMKAR RAMESH	OK.Kumbhar
52	KUMBHAR YOGITA RAJENDRA	YKumbhar
53	KURDULE SHUBHAM DADASO	- A -
54	LOKHANDE SUNIL SHANKAR	SS.Lokhande



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55	MURME NARAYAN SURESH	<i>N.S. Murme</i>
56	NAVALE VINAYAK JALINDAR	<i>Vinayak Navale</i>
57	NIKAM MANISH DADAJI	<i>Manish Nikam</i>
58	PAWAR PRIYANKA SOMNATH	<i>Priyanka Pawar</i>
59	PITEKAR AMOL MACHINDRA	<i>Amol Pitekar</i>
60	POMAN AKASH SHIVAJI	<i>Poman Pomane</i>
61	RANE HRISHIKESH VIJAY	<i>Hrishikesh Rane</i>
62	RAUT AVADHUT SOMNATH	<i>Avadhut Raut</i>
63	RAWOOL TEJAS DNYANESHWAR	<i>Tejas Rawool</i>
64	SARAK RANJANA DHONDIRAM	<i>Ranjana Sarak</i>
65	SARWADE VAIBHAV SARJERAO	<i>Vaibhav Sarwade</i>
66	SHELAR LALIT SURESH	<i>Lalit Shelar</i>
67	SHINDE RUSHIKESH AUDUMBAR	<i>Rushikesh Shinde</i>
68	TAMBE SANKET SURESH	<i>Sanket Tambe</i>
69	TAMBOLI ALAM SHAKIL	<i>Alam Tamboli</i>
70	THAKUR PRATHAM GOKULSINGH	<i>Pratham Thakur</i>
71	THAKUR RUTIK RAMA	<i>Rutik Thakur</i>
72	WAGHMARE AJAY SANJAY	<i>Ajay Waghmare</i>
73	WAGHMARE VIRAJ SHARAD	<i>Viraj Waghmare</i>
74	WAGHULE SHAILESH SURESH	<i>Shailesh Waghule</i>
75	ZENDE ANIKET RAMDAS	<i>Aniket Zende</i>



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Department of Mechanical Engineering

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 FACULTY OF ENGINEERING, NAIGAON, PUNE
 DEPARTMENT OF MECHANICAL ENGINEERING
 A.Y. 2022-23 BE

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	
2	Ajit Dilip Arjun	
3	Barwakar Abhijit Prakash	
4	CHAVAN SWAPNIL DAULAT	
5	Chorage Rupesh Deepak	
6	Dange Naem Bashir	
7	GHODE DIPAK MARUTI	
8	Desai Shankar Santosh	
9	Gaikwad Akash Shankar	
10	Gaikwad Rutuja Vijay	
11	Gajanan Suryakant Phad	
12	Gogawale Hrishikesh Kaluram	
13	Inamdar Saurabh Pramod	
14	Jadhav Shivprasad Bapurao	
15	Jagtap Vaishnavi Uday	
16	JAMKHANDI AAZAM M.RAFIQUE	
17	Jaybhaye Amol Dinkar	
18	Katalkar Avadhut Manohar	
19	GAWANDE KAUSTUBH DNYANESHWAR	
20	Konde Omkar DNYANESHWAR	
21	Koyade Pavan Vishwambhar	
22	Mahadik Sagar Vilas	
23	Mahangade Abhishek Kashinath	
24	Maheen Noorshan Khan	
25	Maity Amit Kumar Narayan	
26	Malve Kajal Shankar	
27	JADHAV MANDAR BABAJI	
28	Mandavkar Avadhut Mahadev	
29	Mohite Suraj Chandrakant	
30	Mohite Swikar Sampat	
31	Nivalkar Bhavik Prakash	



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**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Electrical Engineering
Academic Year: 2022-23**



NOTICE

All students of the Electrical Engineering Department are hereby informed that on 21st October 2022, Electrical Engineering Department is organising Seminar on Electricity Theft Monitoring System.

This seminar will provide insights into the latest technologies used to detect and prevent electricity theft, with a focus on smart grid integration and IoT-based monitoring systems.

Topics to be Covered:

- Overview of Electricity Theft and its Impact
- Technologies for Monitoring and Prevention
- IoT Solutions and Smart Grid Applications
- Case Studies and Real-world Implementations



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ACTIVITY REPORT

1. Title of Activity: Electricity Theft Monitoring System

2. Date & venue: 21st October 2022, Seminar Hall, NESGI

3. Outcome of activity:

- The primary objective of the workshop was to create awareness about the prevalence of electricity theft, discuss the challenges associated with it, and introduce an effective monitoring system as a solution.
- The workshop aimed to foster collaboration among industry experts, government officials, and technology providers to enhance the understanding of electricity theft issues and promote the adoption of advanced monitoring systems.

4. Description of activity:

- Inauguration of function
- Speech on Electricity Theft Monitoring System

5. Introduction to Electricity Theft:

The workshop began with an overview of the extent of electricity theft globally, emphasizing its impact on the economy, power distribution systems, and the environment. Current Challenges in Electricity

Theft Monitoring: Participants engaged in discussions about the challenges faced by utilities in detecting and preventing electricity theft. Issues such as outdated monitoring systems, lack of real-time data, and difficulties in identifying illegal connections were addressed.



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Overview of Electricity Theft Monitoring System:

A comprehensive presentation was made on the features and functionalities of the Electricity Theft Monitoring System. This included real-time data collection, analytics, and the integration of advanced technologies such as smart meters and artificial intelligence.

Technical Features and Capabilities:

Detailed technical aspects of the monitoring system, including data encryption, remote monitoring capabilities, and scalability, were discussed. Participants gained insights into how the system could be customized to suit various utility infrastructures.

Case Studies and Success Stories:

Real-world case studies and success stories of utilities that had successfully implemented the Electricity Theft Monitoring System were presented. These examples showcased the positive impact on reducing electricity theft and improving overall system efficiency.

Interactive Sessions and Panel Discussions:

Participants actively engaged in interactive sessions and panel discussions, providing a platform for exchanging ideas, sharing experiences, and addressing specific challenges faced by different regions and utilities.

Q&A Session:

A dedicated question and answer session allowed participants to seek clarification, share concerns, and gather more information about the implementation and operation of the Electricity Theft Monitoring System.

Networking and Collaboration Opportunities:

The workshop provided ample opportunities for networking among participants, fostering collaborations between technology providers, utility companies, and government agencies to



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collectively combat electricity theft.

6. Conclusion:

The Electricity Theft Monitoring System workshop proved to be a valuable platform for knowledge exchange and collaboration within the energy sector. Participants gained a deeper understanding of the challenges associated with electricity theft and explored effective solutions through the implementation of advanced monitoring systems. The event concluded with a call to action for increased cooperation among stakeholders to address this critical issue and ensure a more sustainable and secure energy future.

7. Photos of the workshop:



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Department of Electrical Engineering
Academic Year 2022-23(SEM-I)

Roll.No.	Name Of the student	GFM
1.	Kolap Somnath	Somnath
2.	Bhaskar Akshay	Akshay
3.	Sichukale Akshay	Akshay
4.	Bharme Tejashwini	Bharme
5.	Desai Kishan	Kishan
6.	Rohit Dhenole	Dhenole
7.	Sagar Bombe	Sagar
8.	Anandhi Tanwar	Anandhi
9.	Riya Bandal	Riya
10.	Vishal Bandal	Vishal
11.	Rutuja Dange	Rutuja
12.	Jadhav Komal	Jadhav
13.	Tukat Armita	Armita
14.	Jagtap Sacc	Sacc
15.	Grose Dhyanraj	Grose
16.	Bobade Purnima	Purnima
17.	Pathe Arifet	Arifet
18.	Chaudhari Akshay	Akshay
19.	Shaikh Aarifa	Aarifa
20.	Charan Dhruv	Dhruv
21.	Shinde Rahul	Rahul
22.	Carde Avadhut	Avadhut
23.	Jadhav Prayata	Prayata
24.	Omkar Jambure	Jambure
25.	Jadhav Pruthviraj	Pruthviraj
26.	Thorat Anshu	Anshu
27.	Korde Sakshi	Sakshi
28.	Vishal Jadhav	Vishal
29.	Jagtap Abhijit	Abhijit
30.	Sawant Parshant	Parshant
31.	Sharma Nikash	Nikash
32.	Kumbhar Pallavi	Pallavi
33.	Sawant Sachin	Sawant
34.	Joshi Lajal	Lajal
35.	Naik Gresh	Gresh
36.	Shirsat Vikram	Vikram
37.	Jadhav Souparna	Souparna
38.	Santake Tulhar	Tulhar



Principal
NEES Faculty of Engineering
Satara, Maharashtra

Prof. S. V. Tayade



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Mechanical Engineering
Academic Year: 2022-23**



NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 9th Jan 2023, Mechanical Engineering Department is organising a Session on Research Paper Writing.

This session is designed to provide guidance on how to write impactful research papers that meet academic standards and contribute to your field of study. Whether you are new to research or looking to improve your writing skills, this session will offer valuable tips and best practices.



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NAVSAHYADRI GROUP OF INSTITUTES
FACULTY OF ENGINEERING
Department of Mechanical Engineering

1. Title of Activity: Research Paper Writing

2. Date & Venue: 9th Jan 2023, Abdul Kalam Seminar Hall.

3. Outcomes of Activity: students got following concepts

How to write Research Paper

Perform literature survey in respected area

4. Description of Activity:

A session was held on 9 January 2023 from 10:00 a.m. to 1.00 pm at NESGI, Mechanical Engineering Department. The Program started as the guest arrived at 09:30 am. Prof. S. V. Tawade, HoD Mechanical Engineering, Prof S. A. Dahake, program coordinators, welcomed the guest Mr. J. S. Mane, and Dr. R. J. Patil Principal of NESGI, FOE, Pune, graced the occasion with his valuable words. Total numbers of participants were 75.

5. Activity Experience:

All the students really appreciated the contents Discussed in session. Like how to evaluate problem statements and analyze data using technologies, find out Problem Statement & Algorithm, Performance study & Conclusion. Students realized that this interaction can help them to improve their Research Paper Writing Skills.

6. Assessment of activity outcomes:

After the completion of session, feedback was taken from the students.




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Department of Mechanical Engineering**

7. Photos:



8. Feedback:

All the students really appreciated the contents that were delivered; they realized that interactions like these can help them improve their Paper Writing Skill.



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NAVSAHYADRI GROUP OF INSTITUTES
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Department of Mechanical Engineering

NAVSAHYADRI GROUP OF INSTITUTES
 FACULTY OF ENGINEERING, NAIGAON, PUNE
 DEPARTMENT OF MECHANICAL ENGINEERING
 A.Y. 2022-23 BE

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	<i>[Signature]</i>
2	Ajit Dilip Arjun	<i>[Signature]</i>
3	Barwakar Abhijit Prakash	<i>[Signature]</i>
4	CHAVAN SWAPNIL DAULAT	<i>[Signature]</i>
5	Chorage Rupesh Deepak	<i>[Signature]</i>
6	Dange Naeem Bashir	<i>[Signature]</i>
7	GHODE DIPAK MARUTI	<i>[Signature]</i>
8	Desai Shankar Santosh	<i>[Signature]</i>
9	Gaikwad Akash Shankar	<i>[Signature]</i>
10	Gaikwad Rutuja Vijay	<i>[Signature]</i>
11	Gajanan Suryakant Phad	<i>[Signature]</i>
12	Gogawale Hrishikesh Kaluram	<i>[Signature]</i>
13	Inamdar Saurabh Pramod	<i>[Signature]</i>
14	Jadhav Shivprasad Bapurao	<i>[Signature]</i>
15	Jagtap Vaishnavi Uday	<i>[Signature]</i>
16	JAMKHANDI AAZAM M.RAFIQUE	<i>[Signature]</i>
17	Jaybhaye Amol Dinkar	<i>[Signature]</i>
18	Katakar Avadhut Manohar	<i>[Signature]</i>
19	GAWANDE KAUSTUBH DNYANESHWAR	<i>[Signature]</i>
20	Konde Omkar DNYANESHWAR	<i>[Signature]</i>
21	Koyade Pavan Vishwambhar	<i>[Signature]</i>
22	Mahadik Sagar Vilas	<i>[Signature]</i>
23	Mahangade Abhishek Kashinath	<i>[Signature]</i>
24	Maheen Noorshan Khan	<i>[Signature]</i>
25	Maity Amit Kumar Narayan	<i>[Signature]</i>
26	Malve Kajal Shankar	<i>[Signature]</i>
27	JADHAV MANDAR BABAJI	<i>[Signature]</i>
28	Mandavkar Avadhut Mahadev	<i>[Signature]</i>
29	Mohite Suraj Chandrakant	<i>[Signature]</i>
30	Mohite Swikar Sampat	<i>[Signature]</i>
31	Nivalkar Bhavik Prakash	<i>[Signature]</i>



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NAVSAHYADRI GROUP OF INSTITUTES
FACULTY OF ENGINEERING
Department of Mechanical Engineering

32	Pandit Omkar Ramesh	Pandit
33	Pavan Sunil Late	A. Kelax
34	PAWAR VIVEK SANJAY	Sanil
35	Pradeep Gulabrao Andhale	Pradeep
36	Prajwal Prakash Kale	Prakash
37	Pratik Dnyaneshwar Khalde	Pratik
38	Rahul Nage Shekhnath	Khalde - P.
39	Rakhangji Javat Nasir	N. Anandharam
40	AUTADE RUTURAJ SURYAKANT	Ruturaj
41	Sabale Rohit Vilas	Rohit
42	KATTIMANI SAIPRASAD RAJKUMAR	Saiprasad R.
43	Salekar Vaibhav Dattatray	Vaibhav
44	Sanket Deshmukh Balakrushna	Sanket
45	Sawant Diksha Dinesh	Sawant Diksha
46	Sawant Sahadev Subhash	Sawant D
47	SHETYY AKSHAYA KESHAV	Akshaya
48	Shingare Omkar Vishnu	Shingare Om.
49	Soman Prasanna Anand	P. A. Soman
50	NIMBALKAR SUDHIR DAGADU	Sudhir
51	Tople Roshan Himmatrao	Tople R.
52	Gole Ganesh Bharat	G. Ganesh
53	Sarule Rushikesh Ramesh	R. Sarule
54	BHOSALE AKSHAY SHANTARAM	Bhosale



(Signature)

Principal
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NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 13/03/2023, Mechanical Engineering Department is organising a Session on Intellectual Property Rights.

This session will provide a comprehensive understanding of intellectual property laws, their importance in protecting innovations, and the process of securing rights for your creations.

Topics to be Covered:

- Introduction to Intellectual Property (IP)
- Types of Intellectual Property: Patents, Trademarks, Copyrights, and Trade Secrets
- The Importance of IP in Research and Innovation
- How to Protect Your Inventions and Creations
- Filing Processes and Legal Procedures for Patents and Trademarks



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NAVSAHYADRI GROUP OF INSTITUTES
FACULTY OF ENGINEERING
Department of Mechanical Engineering

Title of Activity: Intellectual Property Rights

No. of participant staffs: 43

Event Co-Ordinator: Prof. J. P. Hugar

Date & venue: 13/03/2023, Seminar Hall

Outcomes of activity:

Intellectual Property (IP) is the fuel that powers the engine of prosperity, nurturing invention and innovation. The delegates were very enthusiastic to know about the IPR and also had given their best for the success of the program. Now participants feel that they are ready to file patent of innovations and inventions.

Description of activity:


The training of the above mentioned subject was given to the faculty by inviting the senior expert Prof. (Dr.) B.K. Sarkar Member of IETE, ISTE, SMU, IIHT, Global R/D, and GEH. One day training period was divided into two sessions each of about two hours. Following points were discussed in this workshop

1. Patent Procedure, Time Line and Cost of Patent Filing in India Short Introduction.
2. How to File a Standard Patent - The Application Process in Australia.
3. Patent Law in India, Patent Filing in India, Patent Registration in India, Indian Patent Law
4. How to Draft a Provisional Patent Application
5. Patent Application Filing Process
6. What is a Patent and How to Apply for a Patent?
7. Sales Techniques - How to Sell Ideas to Big Companies - Ask Evan

Activity Experience:

This event made the staff aware of growing need for promotion and protection of the intellectual assets, in the form of Patents. Staff appreciated the contents discussed in session.




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Assessment of activity Outcomes:

The main objective of the training program is to increase IP filing of states. Staff benefited by this workshop and they started thinking in that direction.



IntellectualPropertyRightsworkshopPhoto

Feedback:

Staff really appreciated the contents that were delivered in this session. From the feedback of the audience, session on IPR & Patents is suggested to be pursued again.



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FACULTY OF ENGINEERING
Department of Mechanical Engineering

NAVSAHYADRI GROUP OF INSTITUTES
 FACULTY OF ENGINEERING, NAIGAON, PUNE
 DEPARTMENT OF MECHANICAL ENGINEERING

Roll.No.	Name of Participants	Signature
1	S. A. Dahake	
2	M. D. Bhorde	
3	S. A. Chaudhari	
4	S. B. Todkar	
5	V. B. Jagdale	
6	A. R. Kalyane	
7	M. B. Patil	
8	C. D. Deshmukh	
9	Dr. S. K. Summan	
10	S. V. Tawade	
11	S. R. Chavhan	
12	N. R. Ahole	
13	A. S. Kale	
14	Z. K. Shaikh	
15	B. S. Shubane	
16	S. D. Babar	
17	J. P. Huggar	
18	S. V. Kulkarni	
19	L. M. Sagale	
20	R. R. Bhuvad	
21	C. S. Klagh	
22	A. B. Gawar	
23	G. N. Rukare	
24	N. M. Dimble	
25	M. P. Pujari	
26	S. S. Shinde	
27	S. D. Nikalje	
28	S. V. Tawade	
29	S. P. Kuchekar	
30	A. R. Lokhande	
31	S. A. Gawande	
32	P. R. Khopade	
33	G. V. Ghatage	



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 NESGI, Faculty of Engineering
 Gat No. 69, 70, 71, Naigaon, Tal. Bhor, Dist. Pune



NOTICE

All students of the Computer Engineering Department are hereby informed that on 12th November 2024, Computer Engineering Department is organising a Seminar on Java and Artificial Intelligence: Integrating AI into Java Applications for Smarter Solutions.

This seminar will explore how Java, one of the most widely used programming languages, can be leveraged to build intelligent applications by integrating AI technologies.

Topics to be Covered:

- Introduction to AI and Machine Learning Concepts
- Java Frameworks and Libraries for AI (e.g., Deeplearning4j, Weka, etc.)
- Developing AI-Driven Applications Using Java
- Case Studies and Practical Implementations of AI in Java Projects



Mulahi

Dr. M. V. Dalvi

Principal

NESGI, Faculty of Engineering
Get No.69,70,71, Nalgaoan, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

- 1. Title of Activity:** Java and Artificial Intelligence: Integrating AI into Java Applications for Smarter Solutions
- 2. Date & venue:** 12 November 2024 NESGI Campus.
- 3. Number of Students Participated:** 65
- 4. Outcomes of activity:**
 - **Enhanced Knowledge:** Participants gained a comprehensive understanding of how AI can be integrated into Java applications.
 - **Practical Skills:** Students learned how to use Java libraries and frameworks to implement AI and machine learning features.
 - **Real-World Application:** Attendees were able to explore practical use cases of AI in Java applications, from building recommendation systems to implementing natural language processing.
 - **Career Development:** The seminar provided valuable insights and skills that are applicable to careers in both AI and software development.
- 5. Description of activity:**

The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "Java and Artificial Intelligence: Integrating AI into Java Applications for Smarter Solutions". This seminar was conducted by guest of honor Mr. Karan Verma and our respected Principal Dr. M.V. Dalvi was present and actively participated in the activity to motivate students. The seminar was designed to provide participants with knowledge and practical skills on how to enhance Java applications using artificial intelligence.

The session covered:

Introduction to AI in Java: Overview of artificial intelligence concepts and how Java can be utilized to implement AI features.

AI Libraries and Frameworks: Detailed exploration of popular Java libraries and frameworks for AI, such as Deeplearning4j, Weka, and Apache Mahout.

Building AI Models: Hands-on experience in creating, training, and evaluating machine learning models using Java. Participants worked with real-world datasets to apply AI techniques.

Integration Techniques: Methods for integrating AI models into Java applications, including practical examples of implementing recommendation systems, predictive analytics, and natural language processing.

Case Studies: Examination of successful AI-powered Java applications across various industries, illustrating practical implementations and benefits.

Participants engaged in interactive sessions and practical exercises, which included coding examples and demonstrations of how to integrate AI functionalities into Java applications. This hands-on approach provided students with direct experience in applying AI techniques using Java.

6. Summary & conclusion

The seminar effectively achieved its goals by equipping students with a robust understanding of integrating AI into Java applications. The combination of theoretical knowledge and practical exercises allowed participants to gain valuable skills and insights into enhancing applications with AI. The hands-on experience with AI libraries and frameworks was particularly beneficial, offering real-world relevance to the concepts discussed.

7. Feedback

Feedback from participants was overwhelmingly positive. Students appreciated the in-depth coverage of AI concepts and the practical application of these concepts using Java. The hands-on exercises and real-world case studies were highlighted as particularly valuable, providing practical experience in integrating AI features. Many students expressed interest in further workshops on related topics and requested additional resources for continued learning. The seminar was praised for its relevance to current industry trends and its effectiveness in enhancing participants' skills in AI and Java development.


8. Photos of activity.



Pune, Maharashtra, India
 7V9M+RH9 Navsahyadri Group Of Institutions, Pune, Maharashtra 412205, India
 Lat 18.268336°
 Long 73.883928°



Pune, Maharashtra, India
 S. No. 69-71, Naigaon (Nsrapur Tal. Bhor, Dist, Maharashtra 412213, India
 Lat 18.268277°
 Long 73.883904°



M.V. Dalvi
 Dr.M.V. Dalvi
 Principal

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	<u>Amate</u>
2	AMBLE ARTI MININATH	
3	ANJALI SANTOSH KOLHE	<u>Anjali</u>
4	AVINASH SHRIMANT VHANMANE	<u>Avinash</u>
5	BADADHE RAJGAURI SUNIL	<u>Badadhe</u>
6	BHILARE NUTAN SANTOSH	<u>Nutan</u>
7	CHANDANE RAJ TANAJI	<u>Raj</u>
8	CHAVAN DIGVIJAY SATISH	<u>C.D.S.</u>
9	DARJULU VINAY KUMAR	
10	DESHMUKH SAUGANDH CHARUDATTA	<u>Deshmukh</u>
11	DHANAWADE ABHAY RAJENDRA	<u>Abhay</u>
12	DHAYGUDE RUTUJA DHONDIBA	<u>D. Rutuja</u>
13	DHUMAL PRATIK SHIVAJI	<u>Pratik</u>
14	SONODE PRACHI GAJANAN	<u>P. Donade</u>
15	GAIKWAD KAJAL RAMDAS	
16	GAIKWAD SHRADDHA SURESH	<u>Shraddha</u>
17	GANESH BHARAT VHANMANE	<u>Vhanmane</u>
18	GAVHANE SHUBHAM RAJENDRA	<u>Shubham</u>
19	GHADAGE AMIT DATTATRAY	<u>Amit</u>
20	GUND SANJOG SHIVAJI	<u>Sanjog</u>
21	GURAV DIVYA SATISH	<u>Divya</u>
22	HIRE VINAY ASHOK	<u>Hire V.A.</u>
23	INGLE VISHAL NAVANATH	<u>Vishal</u>
24	JAGTAP JANHAVI KRISHNARAO	<u>Jagtap</u>
25	JAMDAGE SHRUTIKA CHANDRAKANT	<u>Shrutika</u>
26	JHODGE SAHIL RAHUL	<u>Sahil J.R.</u>
27	KHARIWALE SANIKA SURYAKANT	
28	KULKARNI ROHIT VASANT	<u>Rohit Kulkarni</u>
29	MENDHE UTKARSH GANESH	<u>Utkarsh</u>
30	MISALE SANJANA JAGDISH	<u>Sanjana</u>

31	MUNDANKAR SHRUTI RAJESH	M. Shrivati
32	NANGARE HARSHAD DATTATRAYA	
33	NAYAN DILIP BUDGUDE	Nayan G. B.
34	PAMANE SHWETA DEVIDAS	Dilip
35	PARIHAR SHLOK MANOJSINGH	Shlok
36	PAWAR ADITYA DHANANJAY	Aditya
37	PAWAR AMAR BHAI	P. Amar.
38	PAWAR KARTIK SHIVAJI	Kartik Pawar
39	PAWAR BANKET SANTOSH	Banket
40	PISAL AKSHAY SANJAY	Akshay
41	PISAL SHREYAS VJAY	V. J.
42	POL TANMAY SURYAKANT	Tanmay J.
43	PRATIK SUNIL SHELKE	P. S. Shelke
44	REDDY LAKHAN NARAYAN	Lakhan
45	SADAFALE KUSHAL JAYANT	Kushal S.
46	SAKSHI PANDURANG BURLE	Sakshi
47	SAKSHI SUNIL KADAM	
48	SALUNKHE AAKANKSHA AVINASH	Aakanksha S.
49	SALUNKHE ANISHA SANJAY	Anisha S.
50	SANIKA MEGHRAJ ERANDE	AS
51	SANIKA SANJAY MANDHARE	asm
52	SAURAV RANJEET KUMAR	Saurav
53	SAWANT AKASH ANANDARAO	Akash.
54	SAYLI VITTAL VACHAKAL	Sayali
55	SHINDE PRATHAMESH VYANKAT	Shinde
56	SHINDE PRATHMESH SHIVAJI	Shinde
57	SHINDE ROHAN PRATAP	Rohan
58	SHIVAM ANAND GAIKWAD	Anand G.
59	SHRIHARI VIJAY GAIKWAD	Vijay
60	SINGH ANKIT RAJESH	Ankit
61	SURWASE VAIBHAV DATTATRAY	Vaibhav
62	TAWARE KETAN RAVINDRA	
63	VAISHNAVI RAMCHANDRA KAMBLE	V. Kamble

64	WADKAR ROUSHAN SHIVALJI	<i>Wadkar</i>
65	WADKAR VAISHNAVI BAJRANG	<i>W. Vaishnavi</i>
66	WAGHMUDE PRASANNA DADA	<i>Prasanna</i>
67	WAGHMUDE SAMARTH DADA	<i>Samarth</i>
68	WANJALE AARTI NANDKUMAR	<i>Aarti Wanjale</i>
69	WANKHEDE SANKET RAJENDRA	
70	YADAV AADITI RAJARAM	<i>Aaditi</i>
71	YADAV YOGITA ANANT	<i>Yogita</i>
72	YEDAVE VALLABH SANJAY	<i>Vallabh</i>
73	YEMUL SAIKRISHNA SHRIKANT	<i>Saishri</i>



M.V. Dalvi
Dr. M. V. Dalvi
Principal



**Navsahyadri Group of Institutions, Faculty of Engg.
Department of Computer Engineering
Academic Year: 2023-24**



NOTICE

All students of the Computer Engineering Department are hereby informed that on 4th December 2022, Computer Engineering Department is organising a Seminar on Beyond the Basics: Expert Data Analysis with Excel and Power BI.

This seminar is tailored for those looking to elevate their data analysis skills using Excel and Power BI, two of the most powerful tools in business analytics.



Mulahi

Dr. M. V. Dalvi

Principal

**NESGI, Faculty of Engineering
Gal No.69,70,71,Nasgaon, Tal. Bhor, Dist. Pune**



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** Seminar on Beyond the Basics: Expert Data Analysis with Excel and Power BI

2. **Date & venue:** 4 December 2022 NESGI Campus.

3. **Number of Students Participated:** 61

4. **Outcomes of activity:**

Advanced Skill Development: Students acquired advanced skills in data analysis and visualization using Excel and Power BI.

Enhanced Proficiency: Participants gained proficiency in creating complex data models, dashboards, and reports.

Practical Knowledge: Attendees learned how to apply advanced techniques to real-world data analysis scenarios.

Career Preparation: The seminar provided insights and skills that can enhance career opportunities in data analysis and business intelligence.

5. **Description of activity:**

- The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "Beyond the Basics: Expert Data Analysis with Excel and Power BI". This seminar was conducted by guest of honor Mr. Sanjay Reddy and our respected Principal Dr. R.J. Patil was present and actively participated in the activity to motivate students. The seminar was organized to provide participants with advanced knowledge and skills in using Excel and Power BI for data analysis and visualization.
- The session began with a review of foundational concepts in Excel and Power BI, setting the stage for more advanced topics. The seminar then covered several key areas:
- **Advanced Excel Techniques:** Participants explored advanced Excel features such as complex formulas, pivot tables, and data validation. Techniques for automating tasks with macros and VBA (Visual Basic for Applications) were also demonstrated.
- **Power BI Features:** The seminar delved into advanced Power BI functionalities, including data modeling, DAX (Data Analysis Expressions) formulas, and creating interactive dashboards.
- **Integration and Visualization:** Participants learned how to integrate data from various sources, create sophisticated visualizations, and design interactive reports that provide actionable insights.

- Hands-on exercises allowed students to apply these techniques to practical examples, building dashboards and reports that could be used in real-world scenarios. The seminar also included discussions on best practices for data analysis and visualization to ensure the accuracy and effectiveness of the outputs.

6. Summary & conclusion

The seminar successfully met its goals by equipping students with advanced data analysis skills using Excel and Power BI. The comprehensive coverage of advanced techniques and hands-on exercises provided participants with practical experience and a deeper understanding of data analysis tools. The seminar emphasized the importance of advanced data skills in making informed business decisions and preparing students for roles in data analysis and business intelligence. Overall, the seminar was a valuable learning experience, enhancing participants' proficiency in Excel and Power BI and preparing them for more complex data analysis tasks.

7. Feedback

Feedback from participants was highly positive. Students appreciated the depth of the content and the practical application of advanced techniques in Excel and Power BI. The interactive sessions and hands-on exercises were particularly well-received, allowing participants to gain practical experience. Many students expressed interest in further workshops on related topics and requested additional resources for continued learning. The seminar was praised for its relevance to current industry practices and its effectiveness in advancing participants' data analysis skills.

8. Photos of activity.





A handwritten signature in blue ink, appearing to read "K. S. Patil". The signature is written in a cursive style and is positioned above the printed name of the Principal.

Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune

Attendance

Roll No.	Name of Students	Signature
1	AMATE ADITYA PRASHANT	
2	AMBLE ARTI MININATH	<u>Arti A</u>
3	ANJALI SANTOSH KOLHE	<u>A Kolhe</u>
4	AVINASH SHRIMANT VHANMANE	<u>Avinash</u>
5	BADADHE RAJGAURI SUNIL	<u>Sunil</u>
6	BHILARE NUTAN SANTOSH	<u>Nutan</u>
7	CHANDANE RAJ TANAJI	<u>Raj</u>
8	CHAVAN DIGVIJAY SATISH	<u>C.D.S.</u>
9	DARULU VINAY KUMAR	
10	DESHMUKH SAUGANDH CHARUDATTA	<u>Devgandh</u>
11	DHANAWADE ABHAY RAJENDRA	<u>Abhay</u>
12	DHAYGUDE RUTUJA DHONDIBA	<u>D. Rutuja</u>
13	DHUMAL PRATIK SHIVAJI	<u>Pratik</u>
14	DONODE PRACHI GAJANAN	<u>P. Donode</u>
15	GAIKWAD KAJAL RAMDAS	
16	GAIKWAD SHRADDHA SURESH	<u>Shraddha B.</u>
17	GANESH BHARAT VHANMANE	<u>Vhanant..</u>
18	GAVHANE SHUBHAM RAJENDRA	<u>Shubham</u>
19	GHADAGE AMIT DATTATRAY	<u>Amit</u>
20	GUND SANJOG SHIVAJI	<u>Sanjog</u>
21	GURAV DIVYA SATISH	<u>Divya</u>
22	HIRE VINAY ASHOK	<u>Hire V.A.</u>
23	INGLE VISHAL NAVANATH	<u>Vishal</u>
24	JAGTAP JANHAVI KRISHNARAO	<u>Janhavi</u>
25	JAMDADE SHRUTIKA CHANDRAKANT	
26	JHODGE SAHIL RAHUL	<u>Sahil R.</u>
27	KHARIWALE SANIKA SURYAKANT	
28	KULKARNI ROHIT VASANT	<u>Rohit Kulkarni</u>
29	MENDHE UTKARSH GANESH	<u>Utkarsh</u>
30	MISALE SANJANA JAGDISH	

31	MUNDANKAR SHRUTI RAJESH	M. Shruti
32	NANGARE HARSHAD DATTATRAYA	N. Harshada
33	NAYAN DILIP BUDGUDE	Nayan Dilip
34	PAMANE SHWETA DEVIDAS	
35	PARIHAR SHLOK MANOJSINGH	Shlok
36	PAWAR ADITYA DHANANJAY	Aditya
37	PAWAR AMAR BHAU	P. Amar.
38	PAWAR KARTIK SHIVAJI	Kartik Shrivastava
39	PAWAR SANKET SANTOSH	Sanket
40	PISAL AKSHAY SANJAY	Akshay
41	PISAL SHREYAS VIJAY	Shreyas
42	POL TANMAY SURYAKANT	Tanmay
43	PRATIK SUNIL SHELKE	
44	REDDY LAKHAN NARAYAN	Lakhan
45	SADAFLE KUSHAL JAYANT	Kushal S
46	SAKSHI PANDURANG BURLE	Sakshi
47	SAKSHI SUNIL KADAM	Sunil
48	SALUNKHE AAKANKSHA AVINASH	Aakanksha S.
49	SALUNKHE ANISHA SANJAY	Anisha S.
50	SANIKA MEGHRAJ ERANDE	SS
51	SANIKA SANJAY MANDHARE	SSM
52	SAURAV RANJEET KUMAR	Saurav
53	SAWANT AKASH ANANDARAO	Akash
54	SAYLI VITTAL VACHAKAL	Sayali
55	SHINDE PRATHAMESH VYANKAT	Shinde
56	SHINDE PRATHMESH SHIVAJI	Shinde
57	SHINDE ROHAN PRATAP	Rohan
58	SHIVAM ANAND GAIKWAD	Anand S.
59	SHRIHARI VIJAY GAIKWAD	Vijay
60	SINGH ANKIT RAJESH	Ankit
61	SURWASE VAIBHAV DATTATRAY	Vaibhav
62	TAWARE KETAN RAVINDRA	
63	VAISHNAVI RAMCHANDRA KAMBLE	V. Kamble

64	WADKAR ROSHAN SHIVAJJ	<i>Wadkar</i>
65	WADKAR VAISHNAVI BAJRANG	<i>W. Vaishnavi</i>
66	WAGHMODE PRASANNA DADA	<i>Prasanna</i>
67	WAGHMODE SAMARTH DADA	<i>Samarth</i>
68	WANJALE AARTI NANDKUMAR	
69	WANKHEDE SANKET RAJENDRA	
70	YADAV AADITI RAJARAM	<i>Aaditi</i>
71	YADAV YOGITA ANANT	<i>Yogita</i>
72	YEDAVE VALLABH SANJAY	
73	YEMUL SAIKRISHNA SHRIKANT	<i>Saibhushan</i>



Principal

Principal
NESGI, Faculty of Engineering
Gaf No.69,70,71,Naigaoan, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions, Faculty of Engg.
Department of Civil Engineering
Academic Year: 2022-23



NOTICE

All students of the Civil Engineering Department are hereby informed that on 21 Dec 2022 - 22 Dec 2022, Civil Engineering Department is organising a Case Study of Sustainable Building Design and Construction.

The case study activity focused on **Sustainable Building Design and Construction**, with an emphasis on real-world examples such as the **Bosco Verticale** in Milan, Italy.



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NESGI, Faculty of Engineering
Get No.89,70,71, Nalgaoan, Tal. Bhor, Dist. Pune



1. **Title of Activity:** Workshop on Case Study of Sustainable Building Design and Construction
2. **Date & venue:** 21 Dec 2022 - 22 Dec 2022
3. **Number of Students Participated:**
4. **Outcomes of Activity:**
 - Gained in-depth knowledge of sustainable building design principles.
 - Understood the integration of green technologies and renewable energy in construction.
 - Learned about energy efficiency strategies in modern buildings.
 - Developed insights into environmental challenges and solutions in urban architecture.
 - Enhanced critical thinking and problem-solving skills by analyzing real-world sustainable projects.

5. Description of Activity:

The case study activity focused on Sustainable Building Design and Construction, with an emphasis on real-world examples such as the Bosco Verticale in Milan, Italy. The session covered the following key aspects:

1. **Overview of Sustainable Construction:** Participants learned about the importance of sustainability in modern construction, including the use of renewable energy, water conservation, and energy-efficient materials.
2. **Case Study of Bosco Verticale:** The main focus of the workshop was on the Bosco Verticale, a high-rise building with a green façade that supports 20,000 plants, trees, and shrubs. The case study provided insights into the environmental, structural, and urban benefits of this project.
3. **Energy Efficiency and Green Technology:** Discussions included the integration of solar panels, geothermal systems, and rainwater harvesting in sustainable buildings.
4. **Interactive Group Analysis:** Participants were divided into groups to analyze various aspects of sustainable construction, including energy consumption, environmental impact, and structural engineering challenges.
5. **Application of Sustainable Design Principles:** The session concluded with practical exercises where participants proposed sustainable solutions for different types of construction projects, such as residential buildings, office spaces, and public infrastructure.



6. Summary & Conclusion:

The case study on **Sustainable Building Design and Construction** successfully highlighted the growing importance of eco-friendly architecture in addressing global environmental challenges. Through the in-depth analysis of Bosco Verticale, participants gained valuable insights into the practical application of sustainable building techniques and technologies. By understanding the integration of green spaces, renewable energy, and efficient resource management, students were able to see how modern construction can be both innovative and environmentally responsible. The session also fostered a sense of responsibility in future engineers to contribute to sustainable urban development.

7. Feedback:

Participants provided positive feedback, appreciating the detailed exploration of sustainable design. The interactive nature of the session, coupled with real-world examples, made the case study highly engaging. Many students expressed that they gained practical insights into the implementation of sustainable construction methods and recommended more sessions on advanced topics in sustainable architecture. They highlighted the importance of learning how sustainability can be incorporated into their future projects.




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Get No.89,70,71,Naigaoon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions, Faculty of Engg.
Department of Civil Engineering
Academic Year: 2022-23



Attendance

Roll No.	Name of Students	Remark	Signature
1	CHAVAN SUYOG B.		<i>Suyog</i>
2	KANGADE PRATIK H		<i>Pratik</i>
3	KUDALE SURAJ SANJAY		<i>Suraj</i>
4	BANSOD KRUTIKA GOVIND		<i>B. Bansod</i>
5	BHORDE SAKSHI BHAUSO		<i>Sakshi</i>
6	CHOPADE TIMIRESH R.		<i>Timirish</i>
7	DHONGADE OMKAR S.		<i>Omkar</i>
8	GANDHALE VAISHNAVI U.		<i>Vishnavi</i>
9	ITHAPE ABHUIT BHAUSO		<i>Abhit</i>
10	KAMBLE POONAM B.		<i>Poonam</i>
11	KIRTE SHUBHAM SHAILEJ		<i>Shubham</i>
12	NIGADE JAYDEEP S.		<i>Jaydeep</i>
13	PATIL ANKITA VISHWAS		<i>Ankita</i>
14	PAWAR PRARABDH P.		<i>Prarabdh</i>
15	SALPEKAR NAYAN BABU		<i>Nayan</i>
16	SALVE KALPESH SATISH		<i>Kalpesh</i>
17	SANKPAL MANTHAN S.		<i>Manthan</i>
18	THAKAR SAKSHI UMESH		<i>Sakshi</i>
19	WAGHMARE SUMIT T.		<i>Sumit</i>
20	YENPURE GAYATRI P.		<i>Gayatri</i>
21	ZURANGE RITESH R.		<i>Ritesh</i>



Gayatri

Principal
NESGI, Faculty of Engineering
Get No.69,70,71,Naigaoon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 6 Jan 2023 – 24 Jan 2023, Mechanical Engineering Department is organising Workshop on Research Methodology.

Workshop Overview:

In this interactive workshop, participants will engage in detailed case study analysis to understand complex problems, develop strategic solutions, and gain insights into effective decision-making processes. This hands-on experience will be invaluable for those looking to apply analytical skills in practical settings, whether in business, research, or other fields.

- **Topic:** Workshop on Research Methodology.
- **Date:** 6 Jan 2023 – 24 Jan 2023
- **Location:** Mechanical Engineering Department, NGI
- **Name of Coordinator:** Prof. C. D. Deshmukh

Agenda:

1. **Introduction to Case Study Analysis**
Overview of case study methodology and objectives.
2. **Presentation of Case Studies**
Examination of selected case studies from various sectors.
3. **Group Discussion and Analysis**
Interactive group work to analyze case studies and develop solutions.
4. **Solution Presentation**
Teams present their findings and strategies.
5. **Expert Feedback and Q&A**
Discussion with industry experts on case study solutions and best practices.

Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gate No. 69,70,71, Naigaon, Tal. Bhore, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

- 1. Title of Activity: Workshop on Research Methodology**
- 2. Date & venue: 6 Jan 2023 – 24 Jan 2023, Mechanical Engineering Department**
- 3. Number of Participance : 35**
- 4. Name of Coordinator: Prof. C. D. Deshmukh**

The Research Methodology Workshop was tailor-made to facilitate the academic requirements of the Post-Graduate student community. The two-days trans-disciplinary workshop was conceptualised with the intention of knowledge-building on the fundamentals of research concepts, methodologies and processes in addition to providing hands-on training in synopsis/thesis writing with inputs on the essentials of academic writing.

The objectives of the workshop were

- ❖ To develop knowledge on the fundamentals of research
- ❖ To build knowledge on research design, application & data analysis
- ❖ To develop skills for synopsis/thesis development & academic writing

The workshop was conducted free of cost to the students. The workshop was organised using available resource persons and infrastructure in the University itself and incurred no expenses from the organisers or the University. The programme was inaugurated by Dr P Sigamani, Associate Professor & Head, Department of Social Work and Dr E M Shankar Associate Professor & Head, Department of Life Sciences. Dr P Ravindran, Professor & Head, Department of Material Science gave a felicitation speech for the programme. The inaugural function was attended by Dr P Udhayakumar, Dr N Sivakami, Mr Chittaranjan Subudhi, Dr M Arivanandan and Dr Rajameenakshi who are Assistant Professors with Department of Social Work. The workshop started with the session on 'Fundamentals of Research' by Dr P Ravindran, Professor & Head, Department of Material Science. The next session 'Research Process' was handled by Dr Nilesh Kate, Associate Professor & Head Department of Marketing. The first session in the afternoon, 'Qualitative Methodology: Research Design, Sampling Design & Application' was taken by Dr N Sivakami, Assistant Professor Department of Marketing. This session was followed by 'Data Analysis & Presentation in Qualitative Research' handled by Mr Chittaranjan Subudhi, Assistant Professor Department of Marketing. The last session of the day was 'Essentials of Literature Review' which was taken by Dr E M Shankar, Associate Professor & Head, Department of Marketing. On the second day of the workshop, the first session 'Quantitative Methodology: Research Design, Sampling Design & Application' was taken by Dr Krishna Reddy Chittedi, Assistant Professor, Department of Economics. The following session, 'Data Analysis & Presentation in Quantitative Research' was handled by Mr Dr Gopinathan R, Assistant Professor, Department of Economics. A 'Handson training on Synopsis and Thesis' was given by Dr P Udhayakumar, Assistant Professor, Department of Marketing in the forenoon session. The afternoon sessions included 'Essentials of Academic Writing' by Dr EM Shankar, Associate Professor & Head, Department



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of Life Sciences and 'Research Output, Outcome and Peer Review' by Dr Jayalakshmi Krishnan, Assistant Professor & Coordinator, Department of Epidemiology and Public Health.



Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Cat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

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Navsahyadri Group of Institutions ²⁰²²

Navsahyadri Education Society's Group of
Institutions Faculty of Engineering

Sr.No69, 70, 71, Naigaon [Nasarapur], Bhor, Pune - 412213

Academic Year 2019-2020



Sr. No.	Name of Students	Signature
1	Agam Rutuja Jaywant	
2	Bhagat Ketaki Jagdish	
3	Bhairavkar Akash Ashok	
4	Bhoite Manasi Atul	
5	Bhosale Madhuri Balkrishna	
6	Bhosale Pratiksha Rajkumar	
7	Bobade Shubham Shivaji	
8	Chaudhari Dhanashri Shivaji	
9	Chavan Aniruddha Chandrashekhar	
10	Chavan Jyotiram Hanumant	
11	Chavan Sneha Kishor	
12	Chinavale Utarksha Vijay	
13	Chitale Sarika Siddharam	
14	Choure Harshada Vishwas	
15	Dalave Shrinath Madhukar	
16	Dhumal Payal Shashikant	
17	Dimble Vaibhav Sudhir	
18	Dubale Swapnil Arun	
19	Ekbote Manasi Manoj	
20	Gaikwad Rukmini Jayhind	
21	Gautam Rohit Mohanlal	
22	Gogawale Pradnya Dilip	
23	Gole Pooja Bapu	
24	Gurav Sanket Sunil	
25	Hole Prasad Suhas	
26	Ingale Rohan Ulhas	
27	Jadhav Abhishek Prakash	
28	Jadhav Snehal Prabhakar	
29	Jagtap Priyanka Ashok	
30	Jagtap Reshma Vitthal	
31	Jangam Anjali Mahesh	
32	Jangle Devashish Sunil	
33	Jedhe Amruta Rajendra	
34	Joshi Ankita Sharad	
35	Kadam Pratiksha Nivrutti	



[Handwritten Signature]

Principal
NESGI, Faculty of Engineering
Get No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions College of Engineering

Department of Electrical Engineering



NOTICE

Workshop on IOT – INTERNET OF THINGSs

All Students of **TE, BE Electrical**, Engineering Department are hereby informed that a workshop on IOT – Internet of Things is arranged on 22 Sept 2021. This workshop aims to provide you with announce an Internet of Things (IoT), designed to provide valuable insights into this rapidly evolving field. The workshop will cover various aspects of IoT, including its applications, technologies, and future trends.

Key Details:

- Topics Covered: Introduction to IoT Key IoT Technologies and Protocols Applications of IoT in Different Industries
- Hands-on Session: Building a Simple IoT Device Security Considerations in IoT
- Target Audience: This workshop is ideal for professionals, students, and enthusiasts interested in learning about IoT and its practical applications.

Limited seats are available, so early registration is encouraged.

Workshop Date: 22 September 2021

Workshop Time: 10.30 am - 12.00 pm

Workshop Venue: Computer Center NGI

Prof. A. S. Kale
Program Coordinator
Electrical Engineering Dept.

Prof. S. V. Tayade
HOD Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE



Navsahyadri Group of Institutions

College of Engineering

Department of Electrical Engineering



ACTIVITY REPORT

IOT – INTERNET OF THINGS

Date : 22 Sept 2021 - 22 Sept 2021

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions

Attendee : Departmental Staff and Students

Details :

On 22 Sept 2021 - 22 Sept 2021 the Electrical Engineering Department of Navsahyadri Group of Institutions organized a Workshop on IOT – Internet of Things. The workshop commenced at 01:00 PM in the Class Room No. 311 of Electrical department.

Guest of today's program was Miss. Bhakti Raut, working as trainer in Cognizant Pvt. Ltd.

In this workshop following points are discussed.

1. Introduction

Overview of IoT:

Brief explanation of IoT and its relevance. Objective: Describe the purpose of implementing IoT solutions in the college.

2. Project Highlights Smart Campus Initiatives:

- Smart Classrooms: Integration of IoT devices for interactive learning experiences (e.g., smart boards, automated lighting and climate control).
- Campus Security: Implementation of IoT-based surveillance systems, smart locks, and access control.
- Energy Management: Use of IoT sensors for monitoring and optimizing energy consumption in campus buildings.
- Student Projects and Research: IoT-based
- Environmental Monitoring: Projects focused on using IoT sensors to monitor air quality, temperature, and humidity.
- Wearable Health Devices: Research on wearable IoT devices for health monitoring and student well-being. Administrative and Facilities Management:

- Smart Parking Solutions: IoT-enabled parking management systems to track parking space availability.
- Maintenance Automation: Use of IoT sensors for predictive maintenance of infrastructure and facilities.

3. Achievements and Impact Improved Efficiency:

- Description of how IoT solutions have streamlined administrative processes and reduced operational costs.
- Enhanced Learning Experience: How IoT technologies have contributed to a more interactive and engaging learning environment.
- Increased Safety and Security: Overview of the enhancements in campus security and emergency response.

4. Challenges and Solutions Technical Challenges: I

- Issues encountered with IoT device integration, network connectivity, or data management.
- Solutions Implemented: Strategies and solutions adopted to overcome these challenges.

5. Collaboration and Partnerships Industry Partnerships:

- Collaboration with technology companies, startups, or other institutions to support IoT initiatives.
- Student Involvement: Engagement of students in IoT projects, internships, or research activities.

6. Future Plans Upcoming Projects:

- Overview of planned IoT projects and initiatives.
- Technological Upgrades: Plans for integrating advanced IoT technologies or expanding current implementations.
- Long-term Goals: Vision for the future use of IoT in enhancing the campus experience and academic environment.

7. Photograph of the Event :



Prof. Akshay S. Kale
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE, Pune



Principal
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Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune

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 Sr. No. 69, 70, 71, Naigaon, Tal -Bhor, Dist-Pune 412213.
 DEPARTMENT OF ELECTRICAL ENGINEERING
 Academic Year : 2022-23

BE Roll Call List

Roll No.	Name of Student	Sign
1	ANIKET SANJAY PATHE	Aniket
2	ASMITA SUDHAKAR FUKAT	Fukat
3	BHASKAR AKSHAY LAXMAN	Bhaskar
4	BHASME TEJASWINI CHANDRAKANT	Tejaswini
5	BICHKULE AKSHAY SANJAY	Akshay
6	DESAI KISHAN SUBHASH	Kishan
7	DHURDE MAYURI MAHADEO	Mayuri
8	GADDIME AKASH HARIRAM	Akash
9	GAIKWAD VINOD SANJAY	Vinod
10	GHADAGE ARTI YASHWANT	Arti
11	GHODAKE AMIT BANDU	Amit
12	HAJARI AAYESHA MANSOOR	Aayesha
13	JADHAV PRAJKTA ANANDA	Prajakta
14	JAGTAP SANJAY SAHEBRAO	Sanjay
15	KANDHARE JEEVAN MURLIDHAR	Jeevan
17	KHOPADE RUSHIKESH RAMESH	Rushikesh
18	KOLAP SOMNATH SATGONDA	Somnath
19	KONDE ASHISH SUNIL	Ashish
20	MAYURI MAHESH JADHAV	Mayuri
21	MORE RAHUL PRAKASH	Rahul
22	PAWAR PRANAV PRADEEP	Pranav
23	ROHIT KUMAR DHENDE	Rohit
24	ROSHAN JAGDISH SALUNKE	Roshan
25	SAGAR SUKHDEV BHOMBE	Sagar
26	SAKSHI VIJAY KORDE	Sakshi
27	SALUNKHE OMKAR ARUN	Omkar
28	SAWANT SACHIN RAGHUNATH	Sachin
29	SHAIKH AAFIYA DILAWAR	Aafiya
30	SHEMBALE MAHESH LAXMAN	Mahesh
32	SHINDE RAHUL VILAS	Rahul
33	SHIRODKAR ASHWINI KANTA	Ashwini
34	SHIRSAT VIKRAM KAKASO	Vikram
35	TAMBADE SANKET SHAM	Sanket
36	THORAT ARATI NILESH	Arati
37	VAIBHAV ANIL NANGUDE	Vaibhav
38	VISHAL SHIVAJI BANDAL	Vishal
39	WALHEKAR RUSHIKESH DATTATRAY	Rushikesh
40	WARKHADE YASH DATTATRAY	Yash
41	WAWRE RAJRATNA BHIMRAO	Ratna

S. Babar
 Prof. S. D. Babar
 B.E Class Teacher

S. V. Tayade
 Prof. S. V. Tayade
 Head of Department



S. V. Tayade

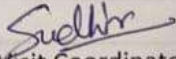
Principal
 NESGI, Faculty of Engineering
 Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune

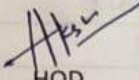


Navsahyadri Group of Institutions
Department of Electrical Engineering
Academic Year 2023-2024
TE ATTENDANCE



Roll No.	Name of Students	Remark / Signature
1	CHAVAN SUYOG B.	Chavan
2	KANGADE PRATIK H	Pratik
3	KUDALE SURAJ SANJAY	Suraj
4	BANSOD KRUTIKA GOVIND	B. Bansod
5	BHORDE SAKSHI BHAUSO	Sakshi
6	CHOPADE TIMIRESH R.	Timiresh
7	DHONGADE OMKAR S.	Omkar
8	GANDHALE VAISHNAVI U.	Vaishnavi
9	ITHAPE ABHIJIT BHAUSO	Abhijit
10	KAMBLE POONAM B.	Poonam
11	KIRTE SHUBHAM SHAILEJ	Shubham
12	NIGADE JAYDEEP S.	Jaydeep
13	PATIL ANKITA VISHWAS	Ankita
14	PAWAR PRARABDH P.	Prarabdh
15	SALPEKAR NAYAN BABU	Nayan
16	SALVE KALPESH SATISH	Kalpesh
17	SANKPAL MANTHAN S.	Manthan
18	THAKAR SAKSHI UMESH	Sakshi
19	WAGHMARE SUMIT T.	Sumit
20	YENPURE GAYATRI P.	Gayatri
21	ZURANGE RITESH R.	Ritesh


Visit Coordinator
Prof. S. E. Sawarkar


HOD
Prof. Akshay S. Kale




Principal
NESGI, Faculty of Engineering
Gate No. 69, 70, 71, Naigaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions College of Engineering



NOTICE

Workshop on AWS-Powered Dev Ops: Building and Managing Scalable Applications

All Students of Computer Engineering Department are hereby informed that a workshop on AWS-Powered Dev Ops: Building and Managing Scalable Applications is arranged on 19 Jan 2022. This workshop aims to provide you with announce an AWS-Powered Dev Ops: Building and Managing Scalable Applications, designed to provide valuable insights into this rapidly evolving field. The workshop will cover various aspects of AWS-Powered Dev Ops: Building and Managing Scalable Applications, including its technologies, and future trends.

Key Details:

- Topics Covered: Introduction to AWS-Powered Dev Ops and Protocols Applications of AWS-Powered Dev Ops in Different Industries
- Hands-on Session: Building a Simple AWS-Powered Dev Ops Device Security Considerations in AWS-Powered Dev Ops
- Target Audience: This workshop is ideal for professionals, students, and enthusiasts interested in learning about AWS-Powered Dev Ops and its practical applications.

Limited seats are available, so early registration is encouraged.

Workshop Date: 19 Jan 2022

Workshop Time: 10.30 am - 12.00 pm

Workshop Venue: Computer Center NGI

Prof. V. B. Bhusare
Workshop Coordinator

Prof. A. N. Wagh
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No.89,70,71,Naigaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions College of Engineering



ACTIVITY REPORT

1. **Title of Activity:** Workshop on AWS-Powered Dev Ops: Building and Managing Scalable Applications
2. **Date & venue:** 19 Jan 2022, Mechanical Engineering Department
3. **Number of Participitance :** 50
4. **Name of Coordinator:** Prof. V. B. Bhusare
5. The “Workshop on AWS-Powered Dev Ops: Building and Managing Scalable Applications” event aimed to provide participants with a comprehensive overview of the current state and future prospects of AI and ML technologies. The event included expert talks, hands-on sessions, and networking opportunities designed to deepen understanding and spark innovation in these rapidly evolving fields.

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6. Objectives

- To educate participants about the latest trends and advancements in AI and ML.
- To provide practical experience with AI/ML tools and techniques.
- To foster networking and collaboration among professionals, researchers, and students in the AIML community.

7. Key Highlights

- **Expert Insights:** Highlight notable insights or innovations shared by keynote speakers and panelists.
- **Interactive Workshops:** Participants gained practical experience by building and testing their own AI models.
- **Networking Opportunities:** The event facilitated valuable connections among AIML professionals and enthusiasts.

8. Description of activity:

- Inauguration of function
- Speech on Cleanliness

9. Conclusion

The “Artificial Intelligence and Machine Learning (AIML)” event successfully achieved its objectives by providing a rich blend of theoretical knowledge and practical experience. Participants left with a deeper understanding of AI and ML technologies and their applications, along with valuable networking opportunities.

10. Photos of the Workshop



Prof. V. B. Bhusare
Workshop Coordinator

Prof. A. N. Wagh
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaoan, Tal. Bhor, Dist. Pune



Navsahyadri Education Society's Group of Institutions
Department of Mechanical Engineering

2019

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	Abhishek
2	Ajit Dilip Arjun	Arjun
3	Barwakar Abhijit Prakash	Barwakar
4	Chavhan Swapnil	S.Chavhan
5	Chorage Rupesh Deepak	Chorage
6	Dange Naeem Bashir	N.B. Dange
7	Deepak Ghode	Deepak
8	Desai Shankar Santosh	Desai
9	Gaikwad Akash Shankar	A.Gaikwad
10	Gaikwad Rutuja Vijay	R.V. Gaikwad
11	Gajanan Suryakant Phad	S.Phad
12	Genesh Ramrao Penak	Genesh
13	Gogawale Hrishikesh Kaluram	H.Kogawale
14	Gondake Vijay Shantaram	Gondake
15	Inamdar Saurabh Pramod	Inamdar
16	Jadhav Shivprasad Bapurao	S.B.Jadhav
17	Jagtap Vaishnavi Uday	V.U.Jagtap
18	Jamkhani Aazam n Rafique	Jamkhani
19	Jaybhaye Amol Dinkar	Amol
20	Katakar Avadhut Manohar	A.M.Katakar
21	Kaustubh Gawande	Kaustubh
22	Khandagle Sarala	Khandagle
23	Konde Omkar	Konde
24	Koyade Pavan Vishwambhar	P.Koyade
25	Mahadik Sagar Vilas	S.V.Mahadik
26	Mahangade Abhishek Kashinath	A.Mahangade
27	Maheen Noorshan Khan	Maheen
28	Maity Amit Kumar Narayan	Maity
29	Malve Kajal Shankar	Malve
30	Mandar Jadhav	Mandar
31	Mandavkar Avadhut Mahadev	Mandavkar
32	Mohite Suraj Chandrakant	Mohite Suraj
33	Mohite Swikar Sampat	Mohite Swikar
34	Nivalkar Bhavik Prakash	Nivalkar
35	Pandit Omkar Ramesh	Pandit
36	Pavan Sunil Late	Pavan



Handwritten signature

Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaoan, Tal. Bhor, Dist. Pune

NOTICE

Workshop on Mastering Python from Frontend to Backend

We are pleased to invite you to our upcoming Workshop on Mastering Python from Frontend to Backend.

- **Comprehensive Understanding:** Students gained a thorough understanding of full-stack web development using Python, from frontend to backend.
- **Practical Skills:** Participants developed practical skills in using Python frameworks and libraries for both
- frontend and backend development.
- **Enhanced Proficiency:** Attendees became proficient in building complete web applications with Python,
- integrating frontend technologies with backend services.
- **Career Preparation:** The seminar provided insights and skills relevant to careers in web development,
- equipping students for roles in full-stack development.
- **Title of Activity:** Mastering Python from Frontend to Backend
- **Date & venue:** 16 February 2022 NESGI Campus.



Prof. V. B. Bhusare
Workshop Coordinator



HOD



Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No.89,70,71,Naigaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Department of Computer Engineering



ACTIVITY REPORT

1. **Title of Activity:** Mastering Python from Frontend to Backend

2. **Date & venue:** 16 February 2022 NESGI Campus.

3. **Number of Students Participated:** 67

4. **Outcomes of activity:**

- **Comprehensive Understanding:** Students gained a thorough understanding of full-stack web development using Python, from frontend to backend.
- **Practical Skills:** Participants developed practical skills in using Python frameworks and libraries for both frontend and backend development.
- **Enhanced Proficiency:** Attendees became proficient in building complete web applications with Python, integrating frontend technologies with backend services.
- **Career Preparation:** The seminar provided insights and skills relevant to careers in web development, equipping students for roles in full-stack development.

5. **Description of activity:**

The Computer Engineering Department of NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING organized a Seminar titled "Mastering Python from Frontend to Backend". This seminar was conducted by guest of honor Ms. Priya Nair and our respected Principal Dr. R. J. Patil was present and actively participated in the activity to motivate students. The seminar was aimed to provide a holistic view of full-stack web development using Python.

The session began with an overview of the full-stack development process, highlighting the importance of both frontend and backend components in creating robust web applications.

Key topics covered included:

Frontend Development: Introduction to frontend technologies, including HTML, CSS, and JavaScript. The seminar explored how to use frameworks like Flask or Django to integrate Python with frontend code and build interactive user interfaces.

Backend Development: Deep dive into backend development with Python, including using Flask or Django for building server-side logic, managing databases, and handling user authentication and authorization.

Integration Techniques: Methods for connecting frontend and backend components, including RESTful APIs and AJAX.

Deployment and Testing: Best practices for deploying web applications and testing both frontend and backend components to ensure reliability and performance.

Participants engaged in hands-on exercises to build a complete web application, applying the concepts and tools discussed. The practical approach allowed students to experience the full development lifecycle, from designing user interfaces to deploying the final application.

6. Summary & conclusion

The seminar successfully achieved its objectives by providing students with a comprehensive understanding of full-stack web development using Python. The combination of theoretical knowledge and hands-on exercises offered participants valuable experience in building and deploying web applications. The seminar emphasized the importance of integrating frontend and backend technologies and provided practical skills applicable to real-world development projects.

7. Feedback

Students appreciated the detailed coverage of both frontend and backend development aspects and the practical exercises that reinforced their learning. Many students found the hands-on approach particularly beneficial, as it provided real-world experience in building complete web applications. Requests for further workshops on advanced topics and additional resources for continued learning were common. The seminar was praised for its relevance to industry practices and its effectiveness in preparing students for careers in full-stack web development.

8. Photos of activity.



Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaon, Tal. Bhore, Dist. Pune

Roll No.	Name of Students	Signature
1	ADAM NIRAJ VIJAY	Niraj A 38
2	AWACHAR SHREYASH SUNIL	
3	BAMBOLE ANIRUDDHA RADHESHYAM	
4	BARKADE ASMITA YUVRAJ	Asmita
5	BHISE RAJNANDINI RAVINDRA	Raj
6	BHOITE NAMRATA SUNIL	Namrata
7	BHOSALE ASHWINI RAMCHANDRA	Ashwini
8	BIRAJDAR ABHISHEK SATISH	AB
9	BODAKE VIRAJ ANIL	
10	CHALEKAR TEJAS RAJENDRA	Tejas
11	CHAVAN AVINASH BHASKAR	Chavan
12	CHITAL VINAYAK VENKATESH	Chital
13	DAMODAR AJINKYA MAHENDRA	
14	DATIR ANIKET PANDURANG	Aniket
15	DHAS VIRAJ AMOL	D Y M
16	DHUMAL SAKSHI RAJENDRA	Sakshi
17	DOKE KIRAN SAWATA	Kiran
18	DOKE VISHAL DATTATRAY	D V D
19	GAMBHIRE PATIL PRATIK VIJAYKUMAR	Pratik G
20	GANGURDE DIKSHITA RAJENDRA	Di Diksha
21	GHORPADE ASMITA MAHESH	Asmita
22	GOLE YASH SUDHAKAR	Yash
23	HAKH PRATIK SANJAY	H Pratik
24	HEDE AKASH RAJU	
25	HOLKAR KARTIKESH SUNIL	
26	INGALE PIYALI HEMANT	Piyali I
27	JADHAV ANUSHKA MOHAN	Anushka
28	JADHAV RITESH RAHUL	Ritesh
29	JAGTAP ABHIJIT GANESH	Abhi Jit
30	KADAM AADITI AJAY	AADITI

31	KADAM MAHBSAGAR GANPATI	<u>Abhijit</u> (K.K)
32	KAJAL KUMARI	<u>Kambha</u>
33	KAMBLE ATHARV BALU	
34	KARE PRAJAKTA KUNDLIK	<u>K. Rajan</u> (K.P/D)
35	KHAWALE PRASAD DILIP	<u>Prasad</u>
36	KONDE SAHIL SHARAD	<u>Kondhalkar</u>
37	KONDHALKAR TANAYA DATTATRAY	<u>KLD</u>
38	KSHIRSAGAR LALITA DATTATRAY	<u>Vishwajit</u>
39	LAHANE ARPITA ANGAD	(M.W)
40	MADGUDE VISHWARAJ VILAS	(S.M)
41	MAGAR ABHIJEET SANTOSH	
42	MAHIMA BHARATI	<u>M. Siddhesh</u>
43	MALI SIDDHESH SATISH	<u>Mane P</u>
44	MANE PRAMOD ULHAS	<u>Mane</u>
45	MUSKAN KUMARI	<u>M. Omkar</u>
46	NAIK OMKAR SUMAN	(M.S.S)
47	NANGARE SAKSHI SUNIL	(M.R.V)
48	NIKAM RUCHIKA VIJAY	(N.S.S)
49	NIMBALKAR SURAJ SAMBHAJI	<u>Palthe Ash</u>
50	PALKHE AKSHATA SUNIL	(P.P)
51	PARJANE PRATIK PARMESHWAR	(P.S.S)
52	PARTHE SURAJ SANTOSH	<u>Om</u>
53	PASALKAR OM NAVNATH	
54	PATIL SAYALI BABURAO	
55	PAWAR ADITYA GANGADHAR	<u>P. Aditya</u>
56	PAWAR PRAJWAL ASHOK	<u>P. Pawar</u>
57	PHADATARE ANKITA ANIL	<u>Ankita P.</u>
58	RASAL SAKSHI SHRIKANT	(R.S.S)
59	RASKAR SHRUTI MAHENDRA	(R.S.M)
60	SAGVEKAR ANKITA ANANT	<u>Sagvekar</u>
61	SAKAT PRIYA MANIK	<u>Sankat P.</u>
62	SALUNKE CHAITANYA DATTATRAY	<u>SPM</u>
63	SHAIKH SAHIL HUSEN	<u>Sahil</u>

64	SHEVALE AMAR NAVNATH	Aringkar
65	SHINDE AVINASH ASHOK	Shirsale
66	SHIRSALE MITESH BHASKAR	Dr. Liyakat.
67	SUBHEDAR LIYAKAT SALAUDDIN	TARADESS
68	TARADE SHRADHA SANTOSH	Tarate
69	TARATE PRASHANT BAPU	
70	TARATE RUTUJA RAJENDRA	Vishwaratkant
71	VISHWANATHULAWAR ADITHYA	W. Tukaram
72	WADAKR TUKARAM BABAN	Tangshi
73	ZAGADE TANUJA SANJAY	Shevale
74	SHEWALE ADITYA MAHINDRA	



Shevale

Principal
 NESGI, Faculty of Engineering
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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 25 March 2022- 26 March , Mechanical Engineering Department is organising Workshop on Case Study.

Workshop Overview:

In this interactive workshop, participants will engage in detailed case study analysis to understand complex problems, develop strategic solutions, and gain insights into effective decision-making processes. This hands-on experience will be invaluable for those looking to apply analytical skills in practical settings, whether in business, research, or other fields.

Key Details:

- **Topic: Workshop on Casestudy**
- **Date:** 25 March 2022 - 26 March 2022
- **Location:** Mechanical Engineering Department, NGI
- **Name of Coordinator:** Prof. S. A. Dahake

Agenda:

1. **Introduction to Case Study Analysis**
Overview of case study methodology and objectives.
2. **Presentation of Case Studies**
Examination of selected case studies from various sectors.
3. **Group Discussion and Analysis**
Interactive group work to analyze case studies and develop solutions.
4. **Solution Presentation**
Teams present their findings and strategies.
5. **Expert Feedback and Q&A**
Discussion with industry experts on case study solutions and best practices.

Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



Principal
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Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Workshop on Casestudy
2. **Date & venue:** 25 March 2022 - 26 March 2022, Mechanical Engineering Department
3. **Number of Participitance :** 35
4. **Name of Coordinator:** Prof. S. A. Dahake
5. **Key Highlights Engagement:**
 - Participants actively engaged in group discussions and presentations, demonstrating a deep understanding of the case study.
 - Expert Insights: The panel discussion provided valuable insights into industry practices and current trends in civil engineering.
 - Practical Application: The workshop emphasized practical solutions and real-world application of theoretical knowledge, enhancing the learning experience.
6. **Description of activity:**
 - Inauguration of function
 - Speech on Cleanliness



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7. Photos of the Workshop



Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasrapur), Pune-Satara Highway, Pune-412213

 **Navsahyadri Group of Institutions** ²⁰²²
Navsahyadri Education Society's Group of
Institutions Faculty of Engineering
Sr.No.69, 70, 71, Naigaon [Nasrapur], Bhor, Pune - 412213
Academic Year 2019-2020 

Sr. No.	Name of Students	Signature
1	Agam Rutuja Jaywant	
2	Bhagat Ketaki Jagdish	
3	Bhairavkar Akash Ashok	
4	Bhoite Manasi Atul	
5	Bhosale Madhuri Balkrishna	
6	Bhosale Pratiksha Rajkumar	
7	Bobade Shubham Shivaji	
8	Chaudhari Dhanashri Shivaji	
9	Chavan Aniruddha Chandrashekhar	
10	Chavan Jyotiram Hanumant	
11	Chavan Sneha Kishor	
12	Chinavale Utkarsha Vijay	
13	Chitale Sarika Siddharam	
14	Choure Harshada Vishwas	
15	Dalave Shrinath Madhukar	
16	Dhumal Payal Shashikant	
17	Dimble Vaibhav Sudhir	
18	Dubale Swapnil Arun	
19	Ekbote Manasi Manoj	
20	Gaikwad Rukmini Jayhind	
21	Gautam Rohit Mohanlal	
22	Gogawale Pradnya Dilip	
23	Gole Pooja Bapu	
24	Gurav Sanket Sunil	
25	Hole Prasad Suhas	
26	Ingale Rohan Ulhas	
27	Jadhav Abhishek Prakash	
28	Jadhav Snehal Prabhakar	
29	Jagtap Priyanka Ashok	
30	Jagtap Reshma Vitthal	




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NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 29 April 2022 - 29 April 2022 Mechanical Engineering Department is organising Workshop on Innovation Driven Society for sustainable Development.

Workshop Overview:

In this dynamic workshop, participants will delve into the role of innovation in fostering a sustainable society. Through a combination of expert presentations, interactive sessions, and collaborative discussions, you will gain valuable insights into innovative strategies and technologies that contribute to sustainable development.

- **Topic:** Innovation Driven Society for sustainable Development
- **Date:** 29 April 2022 - 29 April 2022
- **Location:** Mechanical Engineering Department, NGI
- **Name of Coordinator:** Prof. S. A. Dahake

Agenda:

1. **Welcome and Introduction**
Overview of the workshop objectives and agenda.
2. **Keynote Presentation**
Insights on the role of innovation in achieving sustainable development goals.
3. **Speaker:** Prof. Rahul Kumbhar
4. **Innovative Solutions for Sustainability**
Case studies and presentations on successful innovation-driven projects and technologies.
5. **Interactive Workshops**
Hands-on sessions where participants will brainstorm and develop innovative solutions to real-world sustainability challenges.
6. **Panel Discussion**
Expert panel discussion on the future of innovation in sustainable development, followed by a Q&A session.
7. **Networking and Wrap-Up**
Opportunity to network with peers, experts, and industry leaders, and wrap-up of key takeaways.

Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Innovation Driven Society for sustainable Development
2. **Date & venue:** 29 April 2022 - 29 April 2022, Mechanical Engineering Department
3. **Number of Participitance :** 38
4. **Name of Coordinator:** Prof. S. A. Dahake
5. **Key Highlights Engagement:**
 - **Innovative Insights:** The keynote address and technical presentations provided valuable insights into cutting-edge technologies and practices in substation design and management.
 - **Engagement:** Interactive workshops fostered collaborative problem-solving and creative thinking among participants.
 - **Industry Relevance:** The discussions highlighted practical solutions and strategies for integrating sustainability into substation operations.
6. **Participant Feedback**
 - **Positive Responses:**
 - “The workshop provided a comprehensive view of current innovations and future directions in substation development.”
 - “The interactive workshops were particularly valuable in applying theoretical knowledge to practical scenarios.”
 - **Areas for Improvement:**
 - “More time could be allocated for in-depth discussions during the interactive workshops.”
 - “Including case studies from different regions could offer a more diverse perspective on sustainable practices.”
7. **Description of activity:**
 - Inauguration of function
 - Speech on Cleanliness
8. **Conclusion**

The workshop successfully addressed the role of innovation in advancing sustainable development within the field of substations. The event provided actionable insights and fostered collaboration



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among industry professionals, academics, and stakeholders. The feedback received will help in refining future events to better meet the needs and interests of participants

9. Photos of the Workshop



Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



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Navsahyadri Education Society's Group of Institutions
Department of Mechanical Engineering

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	<u>Abhishek</u>
2	Ajit Dilip Arjun	<u>Arijun</u>
3	Barwakar Abhijit Prakash	<u>Barwakar</u>
4	Chavhan Swapnil	<u>S.Chavhan</u>
5	Chorage Rupesh Deepak	<u>Chorage</u>
6	Dange Nacem Bashir	<u>N.B. Dange</u>
7	Deepak Ghode	<u>Deepak</u>
8	Desai Shankar Santosh	<u>Desai</u>
9	Gaikwad Akash Shankar	<u>A.Gaikwad</u>
10	Gaikwad Rutuja Vijay	<u>R.V. Gaikwad</u>
11	Gajanan Suryakant Phad	<u>Gajphad</u>
12	Genesh Ramrao Penak	<u>Genesh</u>
13	Gogawale Hrishikesh Kaluram	<u>H.K.Gogawale</u>
14	Gondake Vijay Shantaram	<u>Gondake</u>
15	Inamdar Saurabh Pramod	<u>Inamdar</u>
16	Jadhav Shivprasad Bapurao	<u>S.B. Jadhav</u>
17	Jagtap Vaishnavi Uday	<u>V.U. Jagtap</u>
18	Jamkhani Aazam n Rafique	<u>Jamkhani</u>
19	Jaybhaye Amol Dinkar	<u>Amol</u>
20	Katakar Avadhut Manohar	<u>A.M. Katakar</u>
21	Kaustubh Gawande	<u>Kaustubh</u>
22	Khandagle Sarala	<u>Khandagle</u>
23	Konde Omkar	<u>Konde</u>
24	Koyade Pavan Vishwambhar	<u>P.Koyade</u>
25	Mahadik Sagar Vilas	<u>S.V. Mahadik</u>
26	Mahangade Abhishek Kashinath	<u>Mahangade</u>
27	Maheen Noorshan Khan	<u>Maheen</u>
28	Maity Amit Kumar Narayan	<u>Maity</u>
29	Malve Kajal Shankar	<u>Malve</u>
30	Mandar Jadhav	<u>Mandar</u>
31	Mandavkar Avadhut Mahadev	<u>Mandavkar</u>
32	Mohite Suraj Chandrakant	<u>Mohite</u>
33	Mohite Swikar Sampat	<u>Mohite</u>
34	Nivalkar Bhavik Prakash	<u>Nivalkar</u>
35	Pandit Omkar Ramesh	<u>Pandit</u>
36	Pavan Sunil Late	<u>Pavan</u>
37	Pawar Vivek	<u>Pawar</u>
38	Pradeep Gulabrao Andhale	<u>Pradeep</u>



Handwritten signature

Principal
NESGI, Faculty of Engineering
Gate No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



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NOTICE

All students of the Mechanical Engineering Department are hereby informed that on **07 june 2022 - 07 june 2022**, Mechanical Engineering Department is organising Workshop on **National Intellectual property Awareness Mission**

Workshop Overview:

This workshop will focus on **National Intellectual property Awareness Mission**, offering participants a comprehensive look at its new features, enhancements, and practical applications. Whether you're involved in network design, analysis, or troubleshooting, this session will equip you with the skills needed to leverage the advanced capabilities of the latest version.

- **Topic: National Intellectual property Awareness Mission**
- **Date: 07 june 2022 - 07 june 2022**
- **Location:** Mechanical Engineering Department, NGI
- **Name of Coordinator:** Prof. C. D. Deshmukh

Agenda:

1. **Welcome and Introduction**
Overview of the workshop objectives and schedule.
2. **Introduction to National Intellectual property Awareness Mission**
Detailed presentation on the new features and improvements in Version 2.
Speaker: Prof. R. S. Meghe

Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** National Intellectual property Awareness Mission
2. **Date & venue:** 07 june 2022 - 07 june 2022 , Dr. A. P. J. Abdul Kalam Seminar Hall
3. **Number of Participitance :** 210
4. **Name of Coordinator:** Prof. C. D. Deshmukh
5. **Key Highlights Engagement:**
 - **Innovative Insights:** The keynote address and technical presentations provided valuable insights into cutting-edge technologies and practices in substation design and management.
 - **Engagement:** Interactive workshops fostered collaborative problem-solving and creative thinking among participants.
 - **Industry Relevance:** The discussions highlighted practical solutions and strategies for integrating sustainability into substation operations.
6. **Participant Feedback**
 - **Positive Responses:**
 - “The workshop provided a comprehensive view of current innovations and future directions in substation development.”
 - “The interactive workshops were particularly valuable in applying theoretical knowledge to practical scenarios.”
 - **Areas for Improvement:**
 - “More time could be allocated for in-depth discussions during the interactive workshops.”
 - “Including case studies from different regions could offer a more diverse perspective on sustainable practices.”
7. **Description of activity:**
 - Inauguration of function
 - Speech on Cleanliness
8. **Conclusion**



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

The workshop successfully addressed the role of innovation in advancing sustainable development within the field of substations. The event provided actionable insights and fostered collaboration among industry professionals, academics, and stakeholders. The feedback received will help in refining future events to better meet the needs and interests of participants.

9. Photos of the Workshop



Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI




Principal
NESGI, Faculty of Engineering
Get No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



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**Navsahyadri Education Society's Group of Institutions**
Department of Mechanical Engineering

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	Abhadhar
2	Ajit Dilip Arjun	Arjun
3	Barwakar Abhijit Prakash	Barwakar
4	Chavhan Swapnil	S.chavhan
5	Chorage Rupesh Deepak	Chorage
6	Dange Naacem Bashir	N.B. Dange
7	Deepak Ghode	Deepak
8	Desai Shankar Santosh	Desai
9	Gaikwad Akash Shankar	A.Gaikwad
10	Gaikwad Rutuja Vijay	R.V. Gaikwad
11	Gajanan Suryakant Phad	Gajphad
12	Genesh Ramrao Penak	
13	Gogawale Hrishikesh Kaluram	H.Kogawale
14	Gondake Vijay Shantaram	
15	Inamdar Saurabh Pramod	Inamdar
16	Jadhav Shivprasad Bapurao	S.B. Jadhav
17	Jagtap Vaishnavi Uday	V.U. Jagtap
18	Jamkhani Aazam n Rafique	Jamkhani
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21	Kaustubh Gawande	Kaustubh
22	Khandagle Sarala	Khandagle
23	Konde Omkar	Konde
24	Koyade Pavan Vishwambhar	P.Koyade
25	Mahadik Sagar Vilas	S.V. Mahadik
26	Mahangade Abhishek Kashinath	Mahangade




Principal
NESGI, Faculty of Engineering
Get No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions

College of Engineering

Department of Electrical Engineering



NOTICE

RECENT TRENDS ELECTRICAL HYBRID VEHICLE

All Students of **SE, TE, BE Electrical**, Engineering Department are hereby informed that a workshop on Recent Trends Electrical Hybrid Vehicle is arranged on 20 August 2020 - 20 August 2020 .This workshop aims to provide you with announce an Recent Trends Electrical Hybrid Vehicle designed to provide valuable insights into this rapidly evolving field. The workshop will cover various aspects of Recent Trends Electrical Hybrid Vehicle, including its applications, technologies, and future trends. Limited seats are available, so early registration is encouraged.

Workshop Date: 20 August 2020 - 20 August 2020

Workshop Time: 10.30 am - 12.00 pm

Workshop Venue: Computer Center NGI

Prof. S. P. Kuchekar
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. Manojkumar Dalvi
Principal, NGIFOE, Pune



Principal
NESGI, Faculty of Engineering
Gat No.69,70,71,Naigaon, Tal. Bhor, Dist. Pune



Navsahyadri Group of Institutions

College of Engineering

Department of Electrical Engineering



ACTIVITY REPORT

RECENT TRENDS ELECTRICAL HYBRID VEHICLE

Date : 20 August 2020 - 20 August 2020

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions

Attendee : Departmental Staff and Students

Details :

On 20 August 2020 - 20 August 2020 ,the Electrical Engineering Department of Navsahyadri Group of Institutions organized a Workshop on, Recent Trends in Electrical Hybrid vehicle. The workshop commenced at 11:00 AM in the Class Room No. 307 of Electrical department. Guest of today's program was Mr. R. J. Bhattacharya, working as Senior Engineer in ELESOA HEV. In this workshop following points are discussed.

1 Introduction

1.1 Overview

Electrical Hybrid Vehicles combine traditional internal combustion engines (ICE) with electric propulsion systems. This integration aims to enhance fuel efficiency, reduce emissions, and improve overall vehicle performance.

1.2 Objectives

To study the design and operation of hybrid powertrains. To evaluate performance metrics, including fuel efficiency and emissions. To assess the impact of hybrid technology on vehicle dynamics and user experience.

2. Components of EHV

2.1 Powertrain Internal Combustion Engine (ICE):

Provides power and generates electricity. Electric Motor(s): Provides additional power and facilitates regenerative braking. Battery Pack: Stores electrical energy for propulsion and auxiliary systems. Power Electronics: Manages energy flow between the ICE, electric motor, and battery.

2.2 Control Systems Hybrid Control Unit:

Optimizes power distribution between ICE and electric motor. Battery Management System (BMS): Monitors battery health and state of charge. Energy Management System: Manages energy sources to maximize efficiency.

3. Activities Conducted

3.1 Research and Development Literature Review:

Investigated current hybrid technologies and market trends. Technology Assessment: Evaluated various hybrid configurations (e.g., series, parallel, series-parallel).

3.2 Design and Prototyping Powertrain Design:

Developed design specifications for integrating ICE with electric motors. Battery Integration: Designed battery management strategies and cooling solutions. Control Algorithms: Created algorithms for efficient power distribution and energy management.

3.3 Testing and Validation Performance Testing:

Conducted tests to measure fuel efficiency, electric range, and overall performance. Emissions Testing: Assessed emissions levels to ensure compliance with regulatory standards. Durability Testing: Evaluated the longevity and reliability of hybrid components under various conditions.

3.4 Data Analysis Efficiency Metrics:

Analyzed fuel consumption, electric range, and energy efficiency. User Experience: Collected feedback on vehicle handling, comfort, and driving dynamics.

4. Results

4.1 Performance Metrics Fuel Efficiency:

Achieved a 30% improvement in fuel efficiency compared to conventional vehicles. Electric Range: Demonstrated an electric-only range of 50 miles under optimal conditions. Emissions Reduction: Reduced CO₂ emissions by 40% compared to traditional ICE vehicles.

4.2 Issues Encountered Battery Degradation:

Addressed issues related to battery performance and lifespan. Integration Challenges: Overcame difficulties in integrating powertrain components seamlessly.

4.3 Lessons Learned

Importance of optimizing energy management for balancing performance and efficiency. Need for ongoing research into advanced battery technologies and materials.

5. Future Work

5.1 Improvements Advanced Battery Technologies:

Explore next-generation batteries with higher energy densities. Enhanced Control Systems: Develop more sophisticated algorithms for better power management.

5.2 Research Directions Autonomous Driving Integration:

Investigate the integration of hybrid technology with autonomous driving systems. Renewable Energy Synergies: Explore potential for integrating renewable energy sources into hybrid systems.

6. Conclusion

The EHV project has highlighted the potential of hybrid technology to improve fuel efficiency and reduce emissions. Continued advancements in powertrain design, battery technology, and control systems will drive future developments in the field.

7. Photograph of the Event :





Prof. S. P. Kuchekar
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. Manojkumar Dalvi
Principal, NGIFOE, Pune



Principal
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DEPARTMENT OF ELECTRICAL ENGINEERING
B.E ELECTRICAL ROLL CALL LIST (2021-22)

Roll No.	Name of The Student	Signature
1	AHER GAURAV RAMKRUSHNA	Aher
2	AKASH BHAUSO KHADE	Bhauso
3	AKSHAY VISHNU MANE	Mane
4	ANPAT NIKHIL NARSING	Narsing
5	BANDAL JEET SHIVAJI	Jeet
6	BANDGAR SAURABH PRASHANT	Saurabh
7	BHANDGE UTTKARSH VIVEK	Uttkarsh
8	BHOITE SURAJ SANJAY	Bhoite
9	DAKAVE AISHWARYA GOVIND	Dakave
10	DEEPAK KUMAR SHARMA	Deepak
11	DHAMALE NILESH DNYANESHWAR	Dhamale
12	DHAS SAIRAJ SIDDHESHWAR	Dhas
13	DHUMAL RUTUJA MOHAN	Dhumal
14	GAIKWAD RENUKA MURLIDHAR	Gaikwad
15	GOLE VAIBHAV BALIRAM	Gole
16	KADAV SHRIKANT TANAJI	Kadav
17	KHARAT PRITEJ ANANDRAV	Khawat
18	KRANTI ARUN UBALE	Kranti
19	KULKARNI LAXMIKANT DHANANJAY	Kulkarni
20	KURANE SHAHANAJ BAKAS	Kurane
21	LAMBUD VISHAL BABASAHEB	Lambud
22	LOHIYA RUCHIKA SATISH	Lohiya
23	MAGAR SUNIL SHANKAR	Magar
24	MALI OMKAR ANKUSH	Mali
25	MANDAVKAR ROSHAN RAJARAM	Mandavkar
26	MANGESH MARUTI SHINDE	Mangesh
27	MISAL PRATIKSHA SHARAD	Misal
28	NANAWARE SURAJ MOHAN	Nanaware
29	NILESH SOPAN ZAMBARE	Nilesh
30	PANAGARE ROHIT DATTATRAY	Panagare
31	PANGARE ABHIJIT RAJARAM	Pangare
32	PARBAL SAURAV DATTATRAY	Parbal
33	PATEL HRUTIK SAROJBHAI	Patel
34	PISAL SUJIT SATISH	Pisal
35	PISAL VIRAJ VISHWAS	Pisal
36	RANADE SHRIDHAR SUDHIR	Ranade
37	RAUT AISHWARYA SAMPAT	Raut
38	SALUNKHE OMKAR ARUN	Salunkhe
39	SAMADHAN VILAS PATOLE	Samadhan
40	SANKET JAGDISH SHINDE	Sanket
41	SARATE VAISHNAVI SADASHIV	Sarate
42	SASTE SUNIL SURESH	Saste
43	SAWANT AKASH JAYWANT	Sawant
44	SHAUNAK MANOJ NAREKAR	Shaunak
45	SHEDGE ONKAR SANTOSH	Shedge
46	SHILIMAKAR BHUSHAN SATISH	Shilimakar
47	SHILIMKAR GANESH DASHARATH	Shilimkar
48	SHINDE RAGINI VISHNU	Shinde
49	SHINDE SACHIN TANAJI	Shinde
50	SHINGADE GAYATRI LAXMAN	Shingade
51	SHWETA DATTATRAY MULE	Shweta
52	SURVASE SHIVAJI MAHADEV	Survase
53	SWAMI PARVATI DAYANAND	Swami
54	TAMHANKAR ABHISHEK SUNIL	Tamhankar
55	TEJAS VILAS SHIRSATHE	Tejas

A. M. Bansode
 A. M. Bansode
 B.E. Class Teacher

P. V. Tayade
 P. V. Tayade
 Head of Department



K. Patil

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Navsahyadri Group of Institutions College of Engineering

Department of Electrical Engineering

Academic Year 2020-2021



NOTICE

Workshop on BMS – BATTERY MANGEMENT SYSTEM

All Students of **SE, TE, BE Electrical**, Engineering Department are hereby informed that a workshop on Battery Mangement System is arranged on 3rd Sept 2020. This workshop aims to provide you with announce an Battery Mangement System, designed to provide valuable insights into this rapidly evolving field. The workshop will cover various aspects of Battery Mangement System, including its applications, technologies, and future trends.

Key Details:

- Topics Covered: Introduction to Battery Mangement System Key Battery Mangement System Technologies and Protocols Applications of Battery Mangement System in Different Industries
- Hands-on Session: Building a Simple Battery Mangement System Device Security Considerations in Battery Mangement System.
- Target Audience: This workshop is ideal for professionals, students, and enthusiasts interested in learning about Battery Mangement System and its practical applications.

Limited seats are available, so early registration is encouraged.

Workshop Date: 3rd September 2020

Workshop Time: 10.30 am - 12.00 pm

Workshop Venue: Dr. A. P. J. Abdul Kalam Seminar Hall

Prof. A. S. Kale
Program Coordinator
Electrical Engineering Dept.

Prof. S. V. Tayade
HOD Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE



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Navsahyadri Group of Institutions
College of Engineering
Department of Electrical Engineering
Academic Year 2020-2021



ACTIVITY REPORT

BMS - BATTERY MANGEMENT SYSTEM

Date : 3 Sept 2020 - 3 Sept 2020

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions

Attendee : Departmental Staff and Students

Details :

On 3 Sept 2020 - 3 Sept 2020 the Electrical Engineering Department of Navsahyadri Group of Institutions organized a Workshop on BMS – Battery Management System. The workshop commenced at 10:30 AM in the Class Room No. 311 of Electrical department.

Guest of today's program was Dr. A. P. Bhagwat , working as Production Engineer at Microtex India Pvt. Ltd.

In this workshop following points are discussed.

1. Introduction

1.1 Overview

A Battery Management System (BMS) is crucial for monitoring and managing battery performance, ensuring safety, longevity, and efficiency. It plays a pivotal role in various applications, including electric vehicles (EVs), renewable energy storage, and consumer electronics.

1.2 Objectives

To monitor the state of charge (SoC) and state of health (SoH) of batteries. To balance cell voltages and ensure safe operation. To protect batteries from overcharging, deep discharge, and thermal extremes.

2. Components of BMS

2.1 Hardware Components Microcontroller/Processor:

Central unit for data processing and control. Voltage and Current Sensors: Measure individual cell voltages and overall current. Temperature Sensors: Monitor battery temperature to prevent overheating. Balancing Circuitry: Ensures uniform charge distribution across cells. Communication Interfaces: Facilitates data exchange between the BMS and external systems (e.g., CAN bus, UART).

2.2 Software Components Firmware:

Embedded software for real-time data acquisition and processing. Data Logging: Records battery performance data for analysis and diagnostics. Protection Algorithms: Implement safety protocols to prevent malfunction.

3. Activities Conducted

3.1 Research and Development Literature Review:

Analyzed recent advancements in BMS technologies and methodologies. Technology Assessment: Evaluated different BMS architectures and their applicability to specific use cases.

3.2 Design and Prototyping Circuit Design:

Developed schematics for voltage sensing, current measurement, and balancing circuits. PCB Layout: Designed and tested printed circuit boards (PCBs) for the BMS hardware. Firmware Development: Programmed microcontroller firmware for real-time monitoring and control.

3.3 Testing and Validation Bench Testing:

Conducted initial tests on the BMS prototype to verify voltage measurements, current sensing, and balancing functionality. Performance Testing: Assessed the BMS under various operating conditions to ensure stability and accuracy. Safety Testing: Evaluated the BMS's response to overcharge, short circuit, and thermal events.

3.4 Integration System Integration:

Incorporated the BMS into a test battery pack and assessed its performance in a real-world scenario. Communication Testing: Verified the communication protocols and data exchange between the BMS and external devices.

4. Results

4.1 Performance Metrics Accuracy:

Achieved $\pm 0.5\%$ accuracy in voltage and current measurements.

Response Time: Real-time processing with a latency of less than 50 milliseconds.

Balancing Efficiency: Maintained cell voltage within ± 10 mV across all cells.

4.2 Issues Encountered

Thermal Management: Addressed overheating issues by improving cooling solutions.

Firmware Bugs: Resolved issues related to data logging and protection algorithms.

4.3 Lessons Learned:

Importance of thorough testing under diverse conditions. Need for robust thermal management in high-power applications.

5. Future Work

5.1 Improvements Advanced Balancing Techniques:

Explore more efficient cell balancing methods.

Enhanced Communication Protocols: Develop support for additional communication interfaces and protocols.

5.2 Research Directions Integration with IoT:

Investigate the potential for remote monitoring and control via Internet of Things (IoT) platforms.

Machine Learning: Explore the use of machine learning algorithms for predictive maintenance and performance optimization.

6. Conclusion

The BMS project has demonstrated significant progress in enhancing battery performance and safety. The activities conducted have laid a solid foundation for future advancements and applications. Continued research and development will focus on refining system capabilities and expanding its applicability to emerging technologies.

7. Photograph of the Event:



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Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE, Pune



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DEPARTMENT OF ELECTRICAL ENGINEERING
B.E ELECTRICAL ROLL CALL LIST (2021-22)

Roll No.	Name of The Student	Signature
1	AHER GAURAV RAMKRUSHNA	Aher
2	AKASH BHAUSO KHADE	Akash
3	AKSHAY VISHNU MANE	Akshay
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6	BANDGAR SAURABH PRASHANT	Saurabh
7	BHANDGE UTTIKARSH VIVEK	Uttikarsh
8	BHOITE SURAJ SANJAY	Suraj
9	DAKAVE AISHWARYA GOVIND	Aishwarya
10	DEEPAK KUMAR SHARMA	Deepak
11	DHAMALE NILESH DNYANESHWAR	Nilesh
12	DHAS SAIRAJ SIDDHESHWAR	Sairaj
13	DHUMAL RUTUJA MOHAN	Rutuja
14	GAIKWAD RENUKA MURLIDHAR	Renuka
15	GOLE VAIBHAV BALIRAM	Vaibhav
16	KADAV SHRIKANT TANAJI	Shrikant
17	KHARAT PRITEJ ANANDRAV	Pritej
18	KRANTI ARUN UBALE	Kranti
19	KULKARNI LAXMIKANT DHANANJAY	Laxmikant
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22	LOHYA RUCHIKA SATISH	Ruchika
23	MAGAR SUNIL SHANKAR	Sunil
24	MALI OMKAR ANKUSH	Omkar
25	MANDAVKAR ROSHAN RAJARAM	Roshan
26	MANGESH MARUTI SHINDE	Mangesh
27	MISAL PRATIKSHA SHARAD	Pratiksha
28	NANA WARE SURAJ MOHAN	Suraj
29	NILESH SOPAN ZAMBARE	Nilesh
30	PANAGARE ROHIT DATTATRAY	Rohit
31	PANGARE ABHIJIT RAJARAM	Abhijit
32	PARBAL SAURAV DATTATRAY	Saurav
33	PATEL HRUTIK SAROJBHAI	Hrutik
34	PISAL SUJIT SATISH	Sujit
35	PISAL VIRAJ VISHWAS	Viraj
36	RANADE SHRIDHAR SUDHIR	Shridhar
37	RAUT AISHWARYA SAMPAT	Aishwarya
38	SALUNKHE OMKAR ARUN	Omkar
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43	SAWANT AKASH JAYWANT	Akash
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45	SHEDGE ONKAR SANTOSH	Onkar
46	SHILIMAKAR BHUSHAN SATISH	Bhushan
47	SHILIMKAR GANESH DASHARATH	Ganesh
48	SHINDE RAGINI VISHNU	Ragini
49	SHINDE SACHIN TANAJI	Sachin
50	SHINGADE GAYATRI LAXMAN	Gayatri
51	SHWETA DATTATRAY MULE	Shweta
52	SURVASE SHIVAJI MAHADEV	Shivaji
53	SWAMI PARVATI DAYANAND	Parvati
54	TAMHLANKAR ABHISHEK SUNIL	Abhishek
55	TEJAS VILAS SHIRSATHI	Tejas

A.M. Bansode
 A M Bansode
 B.E Class Teacher

M.V. Tayade
 M.V. Tayade
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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

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NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 25 April 2021
26 April 2021, Civil Engineering Department is organising Workshop on Case Study.

Workshop Overview:

In this interactive workshop, participants will engage in detailed case study analysis to understand complex problems, develop strategic solutions, and gain insights into effective decision-making processes. This hands-on experience will be invaluable for those looking to apply analytical skills in practical settings, whether in business, research, or other fields.

- **Topic:** Workshop on Case Study
- **Date:** 25 April 2021 - 26 April 2021
- **Location:** Civil Engineering Department, NGI
- **Name of Coordinator:** Prof. S. S. Agrawal

Agenda:

1. **Introduction to Case Study Analysis**
Overview of case study methodology and objectives.
2. **Presentation of Case Studies**
Examination of selected case studies from various sectors.
3. **Group Discussion and Analysis**
Interactive group work to analyze case studies and develop solutions.
4. **Solution Presentation**
Teams present their findings and strategies.
5. **Expert Feedback and Q&A**
Discussion with industry experts on case study solutions and best practices.

Prof. S. S. Agrawal
Workshop Coordinator

Prof. Amar Kalyane
HOD

Dr. R. J. Patil
Principal, NGI



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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Workshop on Casestudy
2. **Date & venue:** 25 April - 26 April 2021 , Civil Engineering Department
3. **Number of Participitance :** 40
4. **Name of Coordinator:** Prof. S. S. Agrawal
5. **Key Highlights Engagement:**
 - Participants actively engaged in group discussions and presentations, demonstrating a deep understanding of the case study.
 - Expert Insights: The panel discussion provided valuable insights into industry practices and current trends in civil engineering.
 - Practical Application: The workshop emphasized practical solutions and real-world application of theoretical knowledge, enhancing the learning experience.
6. **Description of activity:**
 - Inauguration of function
 - Speech on Cleanliness
7. **Photos of theWorkshop**





NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

2019

Navsahyadri Education Society's Group of Institutions
Department of Mechanical Engineering

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	Abhishek
2	Ajit Dilip Arjun	Arjun
3	Barwakar Abhijit Prakash	Barwakar
4	Chavhan Swapnil	S. Chavhan
5	Chorage Rupesh Deepak	Chorage
6	Dange Naem Bashir	N.B. Dange
7	Deepak Ghode	Deepak
8	Desai Shankar Santosh	Desai
9	Gaikwad Akash Shankar	A.Gaikwad
10	Gaikwad Rutuja Vijay	R.V. Gaikwad
11	Gajanan Suryakant Phad	Gajanan
12	Genesh Ramrao Penak	Genesh
13	Gogawale Hrishikesh Kaluram	H.Kogawale
14	Gondake Vijay Shantaram	Gondake
15	Inamdar Saurabh Pramod	Inamdar
16	Jadhav Shivprasad Bapurao	S.B. Jadhav
17	Jagtap Vaishnavi Uday	V.U. Jagtap
18	Jamkhandi Aazam n Rafique	Jamkhandi
19	Jaybhaye Amol Dinkar	Amol
20	Katakar Avadhut Manohar	A.M. Katakar
21	Kaustubh Gawande	Kaustubh
22	Khandagle Sarala	Khandagle
23	Konde Omkar	Konde
24	Koyade Pavan Vishwambhar	P.Koyade
25	Mahadik Sagar Vilas	S.V. Mahadik
26	Mahangade Abhishek Kashinath	A.Mahangade
27	Maheen Noorshan Khan	Maheen
28	Maity Amit Kumar Narayan	Maity
29	Malve Kajal Shankar	Malve
30	Mandar Jadhav	Mandar
31	Mandavkar Avadhut Mahadev	Mandavkar
32	Mohite Suraj Chandrakant	Mohite



Handwritten signature

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Gat No. 69,70,71, Naigaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 1 November 2019
1 November 2019, Mechanical Engineering Department is organising Workshop on **Network Simulation version 2 Workshop**.

Workshop Overview:

This workshop will focus on Network Simulation Version 2, offering participants a comprehensive look at its new features, enhancements, and practical applications. Whether you're involved in network design, analysis, or troubleshooting, this session will equip you with the skills needed to leverage the advanced capabilities of the latest version.

- **Topic: Network Simulation version 2 Workshop**
- **Date: 1 November 2019- 1 November 2019**
- **Location:** Mechanical Engineering Department, NGI
- **Name of Coordinator:** Prof. C. D. Deshmukh

Agenda:

1. **Welcome and Introduction**
Overview of the workshop objectives and schedule.
2. **Introduction to Network Simulation Version 2**
Detailed presentation on the new features and improvements in Version 2.
Speaker: Prof. R. S. Kalukhe
3. **Hands-On Lab 1 – Basic Simulation Setup**
Guided exercise on setting up and configuring basic network simulations using Version 2.
Participants will work on configuring various network components and scenarios.
4. **Break:** Refreshments and networking opportunity.
5. **Hands-On Lab 2 – Advanced Simulation Techniques**
Advanced lab session covering complex network simulations, performance evaluation, and optimization techniques.
Participants will apply new skills to real-world scenarios and challenges.
6. **Q&A and Troubleshooting**
Open session for participants to ask questions, troubleshoot issues, and discuss best practices with experts.
7. **Closing Remarks and Feedback**
Summary of key takeaways from the workshop.
Collection of participant feedback and discussion of additional resources and support.



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Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Network Simulation version 2 Workshop
2. **Date & venue:** 1 November 2019- 1 November 2019, Mechanical Engineering Department
3. **Number of Participitance :** 35
4. **Name of Coordinator:** Prof. S. V. Tawade

The Network Simulation Version 2 Workshop was held to provide participants with hands-on experience in using the latest version of the network simulation software. The goal was to enhance participants' skills in network design, performance evaluation, and troubleshooting.

5. Objectives

- To familiarize participants with the new features and improvements in Network Simulation Version 2.
- To provide practical experience through guided exercises and real-world scenarios.
- To foster networking and collaboration among professionals in the field of network engineering

6. Key Highlights Engagement:

- **Innovative Insights:** The keynote address and technical presentations provided valuable insights into cutting-edge technologies and practices in substation design and management.
- **Engagement:** Interactive workshops fostered collaborative problem-solving and creative thinking among participants.
- **Industry Relevance:** The discussions highlighted practical solutions and strategies for integrating sustainability into substation operations.

7. Participant Feedback

- **Positive Responses:**
 - “The workshop provided a comprehensive view of current innovations and future directions in substation development.”
 - “The interactive workshops were particularly valuable in applying theoretical knowledge to practical scenarios.”



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- **Areas for Improvement:**

- “More time could be allocated for in-depth discussions during the interactive workshops.”
- “Including case studies from different regions could offer a more diverse perspective on sustainable practices.”

8. Description of activity:

- Inauguration of function
- Speech on Cleanliness

9. Conclusion

The workshop successfully addressed the role of innovation in advancing sustainable development within the field of substations. The event provided actionable insights and fostered collaboration among industry professionals, academics, and stakeholders. The feedback received will help in refining future events to better meet the needs and interests of participants.

10. Photos of the Workshop







NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

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2022

 **Navsahyadri Group of Institutions**
Navsahyadri Education Society's Group of
Institutions Faculty of Engineering
Sr.No69, 70, 71, Naigaon [Nasrapur], Bhor, Pune - 412213
Academic Year 2019-2020 

Sr. No.	Name of Students	Signature
1	Agam Rutuja Jaywant	
2	Bhagat Ketaki Jagdish	
3	Bhairavkar Akash Ashok	
4	Bhoite Manasi Atul	
5	Bhosale Madhuri Balkrishna	
6	Bhosale Pratiksha Rajkumar	
7	Bobade Shubham Shivaji	
8	Chaudhari Dhanashri Shivaji	
9	Chavan Aniruddha Chandrashekhar	
10	Chavan Jyotiram Hanumant	
11	Chavan Sneha Kishor	
12	Chinavale Utkarsha Vijay	
13	Chitale Sarika Siddharam	
14	Choure Harshada Vishwas	
15	Dalave Shrinath Madhukar	
16	Dhumal Payal Shashikant	
17	Dimble Vaibhav Sudhir	
18	Dubale Swapnil Arun	
19	Ekbote Manasi Manoj	
20	Gaikwad Rukmini Jayhind	
21	Gautam Rohit Mohanlal	
22	Gogawale Pradnya Dilip	
23	Gole Pooja Bapu	
24	Gurav Sanket Sunil	
25	Hole Prasad Suhas	
26	Ingale Rohan Ulhas	
27	Jadhav Abhishek Prakash	
28	Jadhav Snehal Prabhakar	
29	Jagtap Priyanka Ashok	
30	Jagtap Reshma Vitthal	



Principal
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Navsahyadri Group of Institutions

College of Engineering

Department of Electrical Engineering



NOTICE

Workshop on Renewable Energy Technologies

All Students of **SE, TE, BE Electrical, Engineering Department** are hereby informed that a workshop on Renewable Energy Technologies is arranged on 8th November 2019. This workshop aims to provide you with announce an Renewable Energy Technologies, designed to provide valuable insights into this rapidly evolving field. The workshop will cover various aspects of Renewable Energy Technologies, including its applications, technologies, and future trends.

Key Details:

- Topics Covered: Introduction to Renewable Energy Technologies Key Renewable Energy Technologies Technologies and Protocols Applications of Renewable Energy Technologies in Different Industries
- Hands-on Session: Building a Simple Renewable Energy Technologies Device Security Considerations in Renewable Energy Technologies
- Target Audience: This workshop is ideal for professionals, students, and enthusiasts interested in learning about Renewable Energy Technologies and its practical applications.

Limited seats are available, so early registration is encouraged.

Workshop Date: 8th November 2019

Workshop Time: 10.30 am - 12.00 pm

Workshop Venue: Computer Center NGI

Prof. Akshay S. Kale
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE, Pune



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Navsahyadri Group of Institutions

College of Engineering

Department of Electrical Engineering



ACTIVITY REPORT

RENEWABLE ENERGY TECHNOLOGIES

Date : 8 November 2019 - 8 November 2019

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions

Attendee : Departmental Staff and Students

Details :

On September 8 November 2019 - 8 November 2019, the Electrical Engineering Department of Navsahyadri Group of Institutions organized a Workshop on Enewable Energy Technology. The workshop commenced at 10:00 AM in the Class Room No. 309 of Electrical department.

Guest of today's program was Mr. Ajinkya Patil, working as Junior Engineer.

In this workshop following points are discussed.

1. Introduction

Overview of Renewable Energy: Briefly explain renewable energy and its importance. Objective: Outline the goals for integrating renewable energy technologies in the college.

2. Project Highlights

- **Solar Energy Initiatives:** Solar Panels: Installation and performance of solar panels on campus buildings.
- **Educational Programs:** Workshops and courses on solar energy technologies.

Wind Energy Projects:

- **Wind Turbines:** Setup and output of small-scale wind turbines. Research and Development: Student and faculty research on wind energy efficiency.
- **Energy Efficiency and Storage:** Battery Storage Systems: Integration of battery storage for energy management.

- **Energy Conservation Measures:** Implementation of energy-saving practices and technologies.

3. Achievements and Impact Sustainability Goals:

- How the projects contribute to the college's sustainability targets.
- **Cost Savings:** Reduction in energy costs and overall financial impact. **Educational Value:** Enhancement of academic programs and student involvement.

4. Challenges and Solutions Technical Issues:

- Challenges with technology installation, maintenance, or performance.
- **Solutions:** Approaches taken to resolve these issues and improve system effectiveness.

5. Collaboration and Partnerships Industry Partnerships:

- Collaborations with renewable energy companies or research institutions.
- **Student Engagement:** Opportunities for students to participate in projects or internships.

6. Future Plans Upcoming Projects:

- Planned installations or research in renewable energy technologies.
- **Technological Advancements:** Exploration of new technologies and upgrades to existing systems. **Long-term Vision:** Goals for expanding renewable energy use on campus.

7. Conclusion Summary:

- Recap of key achievements and impact of renewable energy projects.
- **Acknowledgements:** Recognition of contributors and supporters.
- **Contact Information:** Details for further inquiries or follow-up.

8. Photograph of the Event:



Prof. Akshay S. Kale
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE, Pune



Principal
NESGI, Faculty of Engineering
Gat No. 69, 70, 71, Naigaon, Tal. Bhor, Dist. Pune

NAVSAHYADRI EDUCATION SOCIETY'S GROUP OF INSTITUTIONS, PUNE
 Sr. No 69, 70 & 71, Naigaon [Nasrapur], Bhor, Pune- 412213.

DEPARTMENT OF ELECTRICAL ENGINEERING
B.E ELECTRICAL ROLL CALL LIST (2021-22)

Roll No.	Name of The Student	Signature
1	AHER GAURAV RAMKRUSHNA	Aher
2	AKASH BHAUSO KHADE	Akash
3	AKSHAY VISHNU MANE	Akshay
4	ANPAT NIKHIL NARSING	Anpat
5	BANDAL JEET SHIVAJI	Jeet
6	BANDGAR SAURABH PRASHANT	Saurabh
7	BHANDGE UTTKARSH VIVEK	Utkarsh
8	BHOITE SURAJ SANJAY	Suraj
9	DAKAVE AISHWARYA GOVIND	Aishwarya
10	DEEPAK KUMAR SHARMA	Deepak
11	DHAMALE NILESH DNYANESHWAR	Nilesh
12	DHAS SAIRAJ SIDDHESHWAR	Sairaj
13	DHUMAL RUTUJA MOHAN	Rutuja
14	GAIKWAD RENUKA MURLIDHAR	Renuka
15	GOLE VAIBHAV BALIRAM	Vaibhav
16	KADAV SHRIKANT TANAJI	Shrikant
17	KHARAT PRITEJ ANANDRAV	Pritej
18	KRANTI ARUN UBAL	Kranti
19	KULKARNI LAXMIKANT DHANANJAY	Laxmikant
20	KURANE SHAHANAJ BAKAS	Shahanaj
21	LAMBUD VISHAL BABASAHEB	Vishal
22	LOHIYA RUCHIKA SATISH	Ruchika
23	MAGAR SUNIL SHANKAR	Sunil
24	MALI OMKAR ANKUSH	Omkar
25	MANDAVKAR ROSHAN RAJARAM	Roshan
26	MANGESH MARUTI SHINDE	Mangesh
27	MISAL PRATIKSHA SHARAD	Pratiksha
28	NANAWARE SURAJ MOHAN	Suraj
29	NILESH SOPAN ZAMBARE	Nilesh
30	PANAGARE ROHIT DATTATRAY	Rohit
31	PANGARE ABHIJIT RAJARAM	Abhijit
32	PARBAL SAURAV DATTATRAY	Saurav
33	PATEL HRUTIK SAROJBHAI	Hrutik
34	PISAL SUJIT SATISH	Sujit
35	PISAL VIRAJ VISHWAS	Viraj
36	RANADE SHRIDHAR SUDHIR	Shridhar
37	RAUT AISHWARYA SAMPAT	Aishwarya
38	SALUNKHE OMKAR ARUN	Omkar
39	SAMADHAN VILAS PATOLE	Vilas
40	SANKET JAGDISH SHINDE	Sanket
41	SARATE VAISHNAVI SADASHIV	Vaishnavi
42	SASTE SUNIL SURESH	Sunil
43	SAWANT AKASH JAYWANT	Akash
44	SHAUNAK MANOJ NAREKAR	Shaunak
45	SHEDGE ONKAR SANTOSH	Onkar
46	SHILIMAKAR BHUSHAN SATISH	Bhushan
47	SHILIMKAR GANESH DASHARATH	Ganesh
48	SHINDE RAGINI VISHNU	Ragini
49	SHINDE SACHIN TANAJI	Sachin
50	SHINGADE GAYATRI LAXMAN	Gayatri
51	SHWETA DATTATRAY MULE	Shweta
52	SURVASE SHIVAJI MAHADEV	Shivaji
53	SWAMI PARVATI DAYANAND	Parvati
54	TAMILANKAR ABHISHEK SUNIL	Abhishek
55	TEJAS VILAS SHIRSATHE	Tejas

S.T. Bansode
 A.M. Bansode
 B.E. Class Teacher

V.V. Tayade
 V.V. Tayade
 Head of Department



V. Patil

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Navsahyadri Group of Institutions College of Engineering

Academic Year 2021-2022



10/01/2022

NOTICE

Workshop On Emerging Trends In Electrical Solar System

All Students of Electrical Engineering Department are hereby informed that a workshop Emerging Trends In Electrical Solar System arranged 8 November 2019 - 8 November 2019.

Limited seats are available, so early registration is encouraged.

Workshop Date: 8 November 2019 - 8 November 2019

Workshop Time: 10.30 am - 12.00 pm

Workshop Venue: Electrical Engineering Department, Navsahyadri Group of Institutions

Prof. Akshay S. Kale
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE, Pune



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Navsahyadri Group of Institutions College of Engineering



ACTIVITY REPORT

EMERGING TRANDS IN ELECTRICAL SOLAR SYSTEM

Date : 8 November 2019 - 8 November 2019

Venue : Electrical Engineering Department, Navsahyadri Group of Institutions

Attendee : Departmental Staff and Students

Details:

On 8 November 2019 - 8 November 2019 the Electrical Engineering Department of Navsahyadri Group of Institutions organized a Workshop on Emerging Trends in Electrical Solar System. The workshop commenced at 10:00 AM in the Class Room No. 309 of Electrical department.

Guest of today's program was Mr. Yogesh Patil, working as Testing Engineer at Atos Pvt. Ltd. In this workshop following points are discussed.

1. Introduction

1.1 Overview An Electrical Solar System converts sunlight into electrical energy using photovoltaic (PV) panels. This renewable energy system aims to provide sustainable power, reduce utility costs, and decrease carbon footprints.

1.2 Objectives To design and install a solar power system. To evaluate system performance and efficiency. To assess the economic and environmental benefits of solar energy.

2. Components of Solar System

2.1 Photovoltaic Panels Solar Cells:

Convert sunlight into direct current (DC) electricity. Modules: Arrays of cells connected to increase power output.

2.2 Inverter DC to AC Conversion:

Converts DC electricity from the panels to alternating current (AC) for use in the electrical grid or home.

2.3 Battery Storage (Optional) Energy Storage:

Stores excess energy for use when sunlight is not available.

2.4 Charge Controller Regulation:

Manages the charging of batteries (if used) and protects against overcharging.

2.5 Mounting System Installation Framework:

Secures panels to roofs or ground mounts.

3. Activities Conducted

3.1 Design and Planning Site Assessment:

Evaluated the location for optimal solar exposure and system feasibility. System Design: Designed the layout of PV panels, inverter, and storage components. Permit Acquisition: Secured necessary permits and approvals for installation.

3.2 Installation Panel Mounting:

Installed PV panels on designated mounts. Electrical Wiring: Connected panels to the inverter and the building's electrical system. System Integration: Installed and tested the inverter and charge controller.

3.3 Testing and Commissioning Performance Testing:

Verified the system's efficiency and power output. System Calibration: Adjusted settings on the inverter and charge controller for optimal performance. Safety Checks: Ensured all electrical connections and components met safety standards.

3.4 Data Monitoring Energy Production Tracking:

Monitored the amount of electricity generated and consumed. System Maintenance: Conducted routine inspections and maintenance to ensure continued performance.

4. Results

4.1 Performance Metrics Energy Output:

Achieved an average output of 5 kWh per day. Efficiency: The system conversion efficiency was measured at 18%. Cost Savings: Reduced electricity bills by 40% annually.

4.2 Issues Encountered Installation Challenges:

Faced issues with panel alignment and wiring complications. Maintenance Needs: Identified the need for periodic cleaning and inspection of panels.

4.3 Lessons Learned

Importance of accurate site assessment for optimal panel placement. Regular maintenance is crucial for maintaining system efficiency.

5. Future Work

5.1 System Upgrades Advanced Panels:

Explore higher efficiency PV panels for increased output. Smart Inverters: Investigate smart inverters with enhanced monitoring and control features.

5.2 Research Directions Energy Storage Solutions:

Research advanced battery technologies for better storage capacity. Integration with Smart Grids: Study the potential for integrating solar systems with smart grid technologies.

6. Conclusion

The installation and operation of the electrical solar system have demonstrated significant benefits in energy savings and environmental impact reduction. Future enhancements and ongoing research will further improve system efficiency and integration capabilities.

7. Photograph of the Event:



Prof. Akshay S. Kale
Workshop Coordinator
Electrical Engg. Dept.

Prof. S. V. Tayade
HOD, Electrical Engg. Dept.

Dr. R. J. Patil
Principal, NGIFOE, Pune

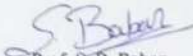


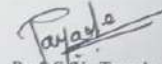
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 Sr. No. 69, 70, 71, Naigaon, Tal-Bhor, Dist-Pune 412213.
 DEPARTMENT OF ELECTRICAL ENGINEERING
 Academic Year : 2022-23

BE Roll Call List

Roll No.	Name of Student	Sign
1	ANIKET SANJAY PATHE	Aniket
2	ASMITA SUDHAKAR FUKAT	Fukat
3	BHASKAR AKSHAY LAXMAN	Bhaskar
4	BHASME TEJASWINI CHANDRAKANT	Tejaswini
5	BICHKULE AKSHAY SANJAY	Akshay
6	DESAI KISHAN SUBHASH	Kishan
7	DHURDE MAYURI MAHADEO	Mayuri
8	GADDIME AKASH HARIRAM	Akash
9	GAIKWAD VINOD SANJAY	Vinod
10	GHADAGE ARTI YASHWANT	Arti
11	GHODAKE AMIT BANDU	Amit
12	HAJARI AAYESHA MANSOOR	Aayesha
13	JADHAV PRAJKTA ANANDA	Prajakta
14	JAGTAP SANJAY SAHEBRAO	Sanjay
15	KANDHARE JEEVAN MURLIDHAR	Jeevan
17	KHOPADE RUSHIKESH RAMESH	Rushikesh
18	KOLAP SOMNATH SATGONDA	Somnath
19	KONDE ASHISH SUNIL	Ashish
20	MAYURI MAHESH JADHAV	Mayuri
21	MORE RAHUL PRAKASH	Rahul
22	PAWAR PRANAV PRADEEP	Pranav
23	ROHIT KUMAR DHENDE	Rohit
24	ROSHAN JAGDISH SALUNKE	Roshan
25	SAGAR SUKHDEV BHOMBE	Sagar
26	SAKSHI VIJAY KORDE	Sakshi
27	SALUNKHE OMKAR ARUN	Omkar
28	SAWANT SACHIN RAGHUNATH	Sachin
29	SHAIKH AAFIYA DILAWAR	Aafiya
30	SHEMBALE MAHESH LAXMAN	Mahesh
32	SHINDE RAHUL VILAS	Rahul
33	SHIRODKAR ASHWINI KANTA	Ashwini
34	SHIRSAT VIKRAM KAKASO	Vikram
35	TAMBADE SANKET SHAM	Sanket
36	THORAT ARATI NILESH	Arati
37	VAIBHAV ANIL NANGUDE	Anil
38	VISHAL SHIVAJI BANDAL	Vishal
39	WALHEKAR RUSHIKESH DATTATRAY	Rushikesh
40	WARKHADE YASH DATTATRAY	Yash
41	WAWRE RAJRATNA BHIMRAO	Ratna


 Prof. S. D. Babar
 B.E Class Teacher


 Prof. S. V. Tayade
 Head of Department




Principal
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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

NOTICE

All students of the Computer Engineering Department are hereby informed that on 20 Dec 2019 - 20 Dec 2019, Computer Engineering Department is organising **Expert Lecture on Cloud Computing Hands on Training**.

Workshop Overview:

This session will feature a comprehensive lecture from a leading expert in cloud computing, followed by practical hands-on training. You will gain valuable insights into cloud technologies and learn how to effectively implement and manage cloud solutions.

- **Topic: Expert Lecture on Cloud Computing Hands on Training**
- **Date:** 20 Dec 2019 - 20 Dec 2019
- **Location:** Computer Engineering Department, Navsahyadri Group of Institutions
- **Name of Coordinator:** Prof. V. B. Bhusare

Agenda:

1. **Welcome and Introduction**
Overview of the workshop objectives and schedule.
2. **Expert Lecture – Cloud Computing Fundamentals**
In-depth presentation on cloud computing concepts, including IaaS, PaaS, SaaS, and key cloud providers.
3. **Hands-On Training – Cloud Platform Setup**
Guided session where participants will set up accounts and configure cloud environments on a major platform.
Participants will work on creating virtual machines, managing storage, and setting up networking.
4. **Break:** Refreshments and networking opportunity.
5. **Hands-On Training – Building and Deploying Cloud-Based Applications**
Practical exercise in deploying and managing cloud-based applications.
Participants will learn to use cloud services for databases, load balancing, and application monitoring.

Prof. V. B. Bhusare
Workshop Coordinator

HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Expert Lecture on Cloud Computing Hands on Training
2. **Date & venue:** 20 Dec 2019 - 20 Dec 2019, Computer Engineering Department
3. **Number of Participitance :** 35
4. **Name of Coordinator:** Prof. V. B. Bhusare

The Expert Lecture on Cloud Computing with Hands-On Training aimed to provide participants with an in-depth understanding of cloud computing technologies and practical experience with cloud platforms. The session was designed to bridge theoretical knowledge with real-world application.

5. Objectives

- To introduce participants to key concepts and technologies in cloud computing.
- To provide hands-on experience with popular cloud platforms.
- To enable participants to deploy and manage cloud-based solutions.

6. Key Highlights Engagement:

- **Innovative Insights:** The keynote address and technical presentations provided valuable insights into cutting-edge technologies and practices in substation design and management.
- **Engagement:** Interactive workshops fostered collaborative problem-solving and creative thinking among participants.
- **Industry Relevance:** The discussions highlighted practical solutions and strategies for integrating sustainability into substation operations.

7. Participant Feedback

- **Positive Responses:**

The workshop provided a comprehensive view of current innovations and future directions in substation development.

The interactive workshops were particularly valuable in applying theoretical knowledge to practical scenarios.



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

8. Description of activity:

- Inauguration of function
- Speech on Cleanliness

9. Conclusion

The workshop successfully addressed the role of innovation in advancing sustainable development within the field of substations. The event provided actionable insights and fostered collaboration among industry professionals, academics, and stakeholders. The feedback received will help in refining future events to better meet the needs and interests of participants.

10. Photos of the Workshop



Prof. V. B. Bhusare
Workshop Coordinator

HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213



Navsahyadri Group of Institutions ²⁰²²

Navsahyadri Education Society's Group of
Institutions Faculty of Engineering

Sr.No69, 70, 71, Naigaon [Nasarapur], Bhor, Pune - 412213

Academic Year 2019-2020



Sr. No.	Name of Students	Signature
1	Agam Rutuja Jaywant	
2	Bhagat Ketaki Jagdish	
3	Bhairavkar Akash Ashok	
4	Bhoite Manasi Atul	
5	Bhosale Madhuri Balkrishna	
6	Bhosale Pratiksha Rajkumar	
7	Bobade Shubham Shivaji	
8	Chaudhari Dhanashri Shivaji	
9	Chavan Aniruddha Chandrashekhar	
10	Chavan Jyotiram Hanumant	
11	Chavan Sneha Kishor	
12	Chinavale Utkarsha Vijay	
13	Chitale Sarika Siddharam	
14	Choure Harshada Vishwas	
15	Dalave Shrinath Madhukar	
16	Dhumal Payal Shashikant	
17	Dimble Vaibhav Sudhir	
18	Dubale Swapnil Arun	
19	Ekbote Manasi Manoj	
20	Gaikwad Rukmini Jayhind	
21	Gautam Rohit Mohanlal	
22	Gogawale Pradnya Dilip	
23	Gole Pooja Babu	
24	Gurav Sanket Sunil	
25	Hole Prasad Suhas	
26	Ingale Rohan Ulhas	
27	Jadhav Abhishek Prakash	
28	Jadhav Snehal Prabhakar	
29	Jagtap Priyanka Ashok	
30	Jagtap Reshma Vitthal	
31	Jangam Anjali Mahesh	
32	Jangle Devashish Sunil	
33	Jedhe Amruta Rajendra	
34	Joshi Ankita Sharad	
35	Kadam Pratiksha Nivrutti	
36	Kapadane Vaibhav Shyam	
37	Kawale Kajal Anna	
38	Khutwad Pooja Prakash	
39	Koditkar Sonali Laxman	
40	Kumbhar Omkar Sunil	
41	Lawande Prajakta Vasant	
42	Lohar Surabhi Bajarang	



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NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

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NOTICE

All students of the Mechanical Engineering Department are hereby informed that on 3 January 2020 - 3 January 2020, Mechanical Engineering Department is organising **Workshop on Advances in Robotics**.

Workshop Overview:

In this interactive workshop, participants will engage in detailed case study analysis to understand complex problems, develop strategic solutions, and gain insights into effective decision-making processes. This hands-on experience will be invaluable for those looking to apply analytical skills in practical settings, whether in business, research, or other fields.

Key Details:

- **Topic:** Workshop on Advances in Robotics.
- **Date:** 3 January 2020 - 3 January 2020
- **Location:** Mechanical Engineering Department, NGI
- **Name of Coordinator:** Prof. C. D. Deshmukh

Agenda:

1. **Introduction to Case Study Analysis**
Overview of case study methodology and objectives.
2. **Presentation of Case Studies**
Examination of selected case studies from various sectors.
3. **Group Discussion and Analysis**
Interactive group work to analyze case studies and develop solutions.
4. **Solution Presentation**
Teams present their findings and strategies.
5. **Expert Feedback and Q&A**
Discussion with industry experts on case study solutions and best practices.

Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Workshop on Advances in Robotics
2. **Date & venue:** 3 January 2020 - 3 January 2020, Mechanical Engineering Department
3. **Number of Participitance :** 35
4. **Name of Coordinator:** Prof. C. D. Deshmukh

The “Artificial Intelligence and Machine Learning (AIML)” event aimed to provide participants with a comprehensive overview of the current state and future prospects of AI and ML technologies. The event included expert talks, hands-on sessions, and networking opportunities designed to deepen understanding and spark innovation in these rapidly evolving fields.

5. Objectives

- To educate participants about the latest trends and advancements in AI and ML.
- To provide practical experience with AI/ML tools and techniques.
- To foster networking and collaboration among professionals, researchers, and students in the AIML community.

6. Key Highlights

- **Expert Insights:** Highlight notable insights or innovations shared by keynote speakers and panelists.
- **Interactive Workshops:** Participants gained practical experience by building and testing their own AI models.
- **Networking Opportunities:** The event facilitated valuable connections among AIML professionals and enthusiasts.

7. Description of activity:

- Inauguration of function
- Speech on Cleanliness



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

8. Conclusion

The “Artificial Intelligence and Machine Learning (AIML)” event successfully achieved its objectives by providing a rich blend of theoretical knowledge and practical experience. Participants left with a deeper understanding of AI and ML technologies and their applications, along with valuable networking opportunities.

9. Photos of the Workshop



Prof. C. D. Deshmukh
Workshop Coordinator

Prof. S. V. Tawade
HOD

Dr. R. J. Patil
Principal, NGI




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NESGI, Faculty of Engineering
Gat No.69,70,71, Naigaon, Tal. Bhor, Dist. Pune



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

2019

**Navsahyadri Education Society's Group of Institutions**
Department of Mechanical Engineering

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	Abhishek
2	Ajit Dilip Arjun	Arjun
3	Barwakar Abhijit Prakash	Barwakar
4	Chavhan Swapnil	S. Chavhan
5	Chorage Rupesh Deepak	Chorage
6	Dange Naeem Bashir	N.B. Dange
7	Deepak Ghode	Deepak
8	Desai Shankar Santosh	Desai
9	Gaikwad Akash Shankar	A. Gaikwad
10	Gaikwad Rutuja Vijay	R.V. Gaikwad
11	Gajanan Suryakant Phad	Gajanan
12	Genesh Ramrao Penak	Genesh
13	Gogawale Hrishikesh Kaluram	H. Gogawale
14	Gondake Vijay Shantaram	Gondake
15	Inamdar Saurabh Pramod	Inamdar
16	Jadhav Shivprasad Bapurao	S.B. Jadhav
17	Jagtap Vaishnavi Uday	V.U. Jagtap
18	Jamkhandi Aazam n Rafique	Jamkhandi
19	Jaybhaye Amol Dinkar	Amol
20	Katakar Avadhut Manohar	A.M. Katakar
21	Kaustubh Gawande	Kaustubh
22	Khandagle Sarala	Khandagle
23	Konde Omkar	Konde
24	Koyade Pavan Vishwambhar	P. Koyade
25	Mahadik Sagar Vilas	S.V. Mahadik
26	Mahangade Abhishek Kashinath	A. Mahangade
27	Maheen Noorshan Khan	Maheen
28	Maity Amit Kumar Narayan	Maity
29	Malve Kajal Shankar	Malve
30	Mandar Jadhav	Mandar
31	Mandavkar Avadhut Mahadev	Mandavkar
32	Mohite Suraj Chandrakant	Mohite
33	Mohite Swikar Sampat	Mohite
34	Nivalkar Bhavik Prakash	Nivalkar
35	Pandit Omkar Ramesh	Pandit
36	Pavan Sunil Late	Pavan




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NOTICE

All students of the Computer Engineering Department are hereby informed that on 10 January 2020 - 10 January 2020, Computer Engineering Department is organising Expert Lecture on **Artificial Intellegance and Machine Leraning (AIML)**

Workshop Overview:

This session will feature a comprehensive lecture from a leading expert in cloud computing, followed by practical hands-on training. You will gain valuable insights into cloud technologies and learn how to effectively implement and manage cloud solutions.

- **Topic: Expert Lecture on Artificial Intellegance and Machine Leraning (AIML)**
- **Date:** 10 January 2020 - 10 January 2020
- **Location:** Computer Engineering Department, Navsahyadri Group of Institutions
- **Name of Coordinator:** Prof. V. B. Bhusare

Agenda:

1. **Welcome and Introduction**
Overview of the workshop objectives and schedule.
2. **Expert Lecture – Cloud Computing Fundamentals**
In-depth presentation on cloud computing concepts, including IaaS, PaaS, SaaS, and key cloud providers.
3. **Hands-On Training – Cloud Platform Setup**
Guided session where participants will set up accounts and configure cloud environments on a major platform.
Participants will work on creating virtual machines, managing storage, and setting up networking.
4. **Break:** Refreshments and networking opportunity.
5. **Hands-On Training – Building and Deploying Cloud-Based Applications**
Practical exercise in deploying and managing cloud-based applications.
Participants will learn to use cloud services for databases, load balancing, and application monitoring.
6. **Q&A and Troubleshooting**
Open session for participants to ask questions, address issues, and discuss best practices with the expert.
7. **Closing Remarks and Feedback**
Summary of key learnings and collection of participant feedback.
Information on additional resources and future event.

Prof. V. B. Bhusare
Workshop Coordinator

Prof. A. N. Wagh
HOD

Dr. R. J. Patil
Principal, NGI



NAVSAHYADRI GROUP OF INSTITUTES, FACULTY OF ENGINEERING

Sr. No. 69,70,71, Naigaon (Nasarapur), Pune-Satara Highway, Pune-412213

ACTIVITY REPORT

1. **Title of Activity:** Expert Lecture on Artificial Intellegance and Machine Leraning (AIML)
2. **Date & venue:** 10 January 2020 - 10 January 2020, Computer Engineering Department
3. **Number of Participitance :** 25
4. **Name of Coordinator:** Prof. V. B. Bhusare

The Expert Lecture on Cloud Computing with Hands-On Training aimed to provide participants with an in-depth understanding of cloud computing technologies and practical experience with cloud platforms. The session was designed to bridge theoretical knowledge with real-world application.

5. Objectives

- To introduce participants to key concepts and technologies in cloud computing.
- To provide hands-on experience with popular cloud platforms.
- To enable participants to deploy and manage cloud-based solutions.

6. Key Highlights Engagement:

- **Innovative Insights:** The keynote address and technical presentations provided valuable insights into cutting-edge technologies and practices in substation design and management.
- **Engagement:** Interactive workshops fostered collaborative problem-solving and creative thinking among participants.
- **Industry Relevance:** The discussions highlighted practical solutions and strategies for integrating sustainability into substation operations.

7. Description of activity:

- Inauguration of function
- Speech on Cleanliness

8. Conclusion

The workshop successfully addressed the role of innovation in advancing sustainable development within the field of substations. The event provided actionable insights and fostered collaboration among industry professionals, academics, and stakeholders. The feedback received will help in refining future events to better meet the needs and interests of participants.



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9. Photos of the Workshop



Prof. V. B. Bhusare
Workshop Coordinator

Prof. A. N. Wagh
HOD

Dr. R. J. Patil
Principal, NGI



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Navsahyadri Education Society's Group of Institutions
Department of Mechanical Engineering

Roll.No.	Name of Student	Signature
1	Abhishek Babasaheb Jadhav	<u>Abhishek</u>
2	Ajit Dilip Arjun	<u>Arjun</u>
3	Barwakar Abhijit Prakash	<u>Barwakar</u>
4	Chavhan Swapnil	<u>S.Chavhan</u>
5	Chorage Rupesh Deepak	<u>Chorage</u>
6	Dange Naem Bashir	<u>N.B. Dange</u>
7	Deepak Ghode	<u>Deepak</u>
8	Desai Shankar Santosh	<u>Desai</u>
9	Gaikwad Akash Shankar	<u>A.Gaikwad</u>
10	Gaikwad Rutuja Vijay	<u>R.V. Gaikwad</u>
11	Gajanan Suryakant Phad	<u>Gajanan</u>
12	Genesh Ramrao Penak	<u>Genesh</u>
13	Gogawale Hrishikesh Kaluram	<u>H.Gogawale</u>
14	Gondake Vijay Shantaram	<u>Gondake</u>
15	Inamdar Saurabh Pramod	<u>Inamdar</u>
16	Jadhav Shivprasad Bapurao	<u>S.B. Jadhav</u>
17	Jagtap Vaishnavi Uday	<u>V.U. Jagtap</u>
18	Jamkhandi Aazam n Rafique	<u>Jamkhandi</u>
19	Jaybhaye Amol Dinkar	<u>Amol</u>
20	Katakar Avadhut Manohar	<u>A.M. Katakar</u>
21	Kaustubh Gawande	<u>Kaustubh</u>
22	Khandagle Sarala	<u>Khandagle</u>
23	Konde Omkar	<u>Konde</u>
24	Koyade Pavan Vishwambhar	<u>P.Koyade</u>
25	Mahadik Sagar Vilas	<u>S.V. Mahadik</u>



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