

## NEWS LETTER – AUGUST 2024

### Faculty Achievements and Participation:

- Mrs. Manasi Karajgar, Assistant Professor of AIDS, has published IEEE Paper on “Comparison of Machine Learning Models for Identifying Malicious URLs” on 23rd August 2024.
- Mrs. Rasika Wattamwar, Assistant Professor AIDS, participated in IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION held on 30th July 2024.
- Dr. Mayuri Rathi, Assistant Professor AIDS, has attended One Week FDP on “AI based nature Inspired optimization Methods”, DYPCOE, E & TC Dept, Akurdi, held from 5th August 2024 to 9th August 2024.
- Dr. Mayuri Rathi, Assistant Professor AIDS, has Resource Person at Virtual lab Workshop held on 20th August 2024.

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**Comparison of Machine Learning Models for Identifying Malicious URLs**  
Publisher: IEEE Cite This PDF

Manasi Dnyanesh Karajgar; Sonali Sawardekar; Seema Khamankar; Nalini Tiwari; Manjusha... All Authors

**Abstract:**  
Malicious URLs, posing threats such as phishing and malware, cause significant financial losses globally. Detecting these URLs automatically before users access them is essential for cyber security. This study explores various machine learning techniques to accurately identify malicious URLs. Decision trees, random forests, K-nearest neighbors (KNN), and naive Bayes models are assessed using a dataset containing over 700,000 URLs. Ensemble models like random forest and extra trees exhibit superior performance, achieving over 93% accuracy in distinguishing between benign and malicious URLs. However, class imbalance remains a challenge, with minority malicious types often exhibiting lower precision. Comparative analysis highlights the feasibility of employing ensemble machine learning for automated malicious URL detection. With adequate examples and feature engineering, tree-based models can effectively identify threats and bolster cyber defense.

**Published in:** 2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICTEICS)  
Date of Conference: 26-29 June 2024  
Date Added to IEEE Xplore: 22 August 2024  
Publisher: IEEE  
Conference Location: Bangalore, India

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OF ENGINEERING,  
AKURDI

**Dr. D. Y. Patil Prathishtha's**  
**D. Y. Patil College of Engineering, Akurdi, Pune**  
Department of Electronics and Telecommunication  
An Autonomous Institute (AY 2024-25)  
NBA Accredited & NAAC with 'A' grade

**One week Faculty Development Program**  
On  
**"AI based Nature Inspired Optimization Methods"**  
**E-Certificate of Participation..!**

This is to certify that, **Mrs./Ms. Mayuri Rathi** of **D Y Patil College of Engineering, Akurdi, Pune** has attended one week Faculty Development Program on "AI based Nature Inspired Optimization Methods" under the IEEE Student Branch of D. Y. Patil College of Engineering, Department of E&TC, Akurdi, Pune from 05/08/2024 to 09/08/2024.

*Janpali Pant*  
Mrs. T. R. Wagh  
Mrs. Mrunal Pant  
Faculty Coordinators

*Rutuja*  
Dr. Rutuja Deshmukh  
HOD, E&TC, DYPCOE

*Dr. P. Malathi*  
Dr. P. Malathi  
Principal, DYPCOE

### Faculty Achievements and Participation

**Name of Faculty Coordinator :**

**Mrs. Trupti G. Lonkar**

**Dr Vinayak Kottawar**  
**Head of Department**

## NEWS LETTER – AUGUST 2024

### Faculty Achievements and Participation:

- Mrs. Manasi Karajgar, Assistant Professor AIDS, has attended One Week FDP on “AI FOR SUSTAIN-ABLE DEVELOPMENT”, Organized by, VIIT, Pune, held from 5th August 2024 to 9th August 2024
- Mrs. Supriya Patil, Assistant Professor AIDS, has attended One Week FDP on “Role of Teacher: Use of AI Tools”, Organized by, VIIT, Pune, held from 5th August 2024 to 9th August 2024. And “Security issues for generative AI”, Organized by, VIIT, Pune, held from 5th August 2024 to 9th August 2024.
- Mrs. Pallavi Shingade, Assistant Professor AIDS, has attended One Week STTP on “Cloud Security : Emerging Threats and Cyber Threat Intelligence”, Organized by School of CSIT, Pune held from 12th August 2024 to 17th August 2024.
- Mrs. Rasika Wattamwar, Assistant Professor AIDS, has successfully cleared the “WIPRO Certified Faculty” Assessment, held on 30th August 2024.



9/4/24, 9:54 AM Gmail - Wipro - TalentNext - Wipro Certified Faculty on .NET Full Stack - WCF Assessment - Slot 3 - 26 Aug to 30 Aug, 2024 - Results...

Rasika Wattamwar <rasikawattamwar3@gmail.com>

Wipro - TalentNext - Wipro Certified Faculty on .NET Full Stack - WCF Assessment - Slot 3 - 26 Aug to 30 Aug, 2024 - Results - D Y Patil College of Engineering, Akurdi - Rasika Wattamwar

TalentNext - talentnext@wipro.com  
To: "rasikawattamwar3@gmail.com" <rasikawattamwar3@gmail.com>  
Cc: "rasikawattamwar3@gmail.com" <rasikawattamwar3@gmail.com> <rasikawattamwar3@gmail.com>  
Tue, Sep 3, 2024 at 2:46 PM

Dear Prof Rasika Wattamwar,

Thanks a lot for investing your valuable time for taking up the TalentNext Wipro Certified Faculty Assessment.

Below is the result of the TalentNext DotNet Full Stack WCF Assessment - Slot 2 [26 Aug to 30 Aug] awarded on 30-Aug (Friday).

Professor Name	College Name	MCQ (30)	Logic Prog LPI (40)	Logic Prog LP2 (30)	Best of 2 LP (40)	Mini Proj CPC (30)	Total Score %	RESULT
Rasika Wattamwar	D Y Patil College of Engineering, Akurdi	24	40	32	48	25.5	88.5	Cleared

Remarks: We are glad to declare that you have successfully cleared the "WIPRO Certified Faculty" Assessment. CONGRATULATIONS!!

### Faculty Achievements and Participation

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department

## NEWS LETTER – AUGUST 2024

### Students Achievements and Participation:

- Mr. Nikhil Jadhav from BE A div. has successfully completed internship “Data Science And AIML Internship ” on 8th August 2024.
- Mr. Suyash Thamake from TE B div, has successfully completed course “Deep Neural Networks with PyTorch”, an online non-credit course authorized by IBM and offered through Coursera on 19th August 2024.
- Mr. Kushang Nilesh Chaudhari from TE B div, has successfully completed course “Introduction to Cyber Attacks”, an online non-credit course authorized by New York University and offered through Coursera on 19th August 2024.
- Ms. Divya Rokade from TE A div. has successfully completed course “Cybersecurity”, offered by Skill India, Tech Mahindra foundation on 2nd August 2024.



### Students Achievements and Participation Certificates

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
 Head of Department



## NEWS LETTER – AUGUST 2024

### Students Achievements and Participation:

- Mr. Ganesh Dhadke from SE B div, Got a consolation prize for project "EQvisor Dypcoe" in Navdurga project competition organized by pimpri Chinchwad college of engineering ravet in August 2024.
- Mr. Krishna Rajesh Khandelwal from BE A div, has successfully completed course "Machine Learning" on August 2024.
- Mr. Rishikesh kawtikwar and Krishna kavthekar fom BE B div, has successfully completed course "Data Visualisation: Empowering Business with Effective Insights", on 22nd August 2024.



### Student Achievements Glimpse

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department

**NEWS LETTER – AUGUST 2024**

**Students Achievements and Participation:**

- Mr. Yogesh Salunke from TE A div, has successfully completed course “Introduction to Data Science” on 5th August 2024, “Introduction to Artificial Intelligence” on 12th August 2024, “Introduction to Natural Language Processing” on 6th August 2024, “Introduction to Deep Learning” on 24th August 2024, and “Computer Vision 101” on 25th August 2024.



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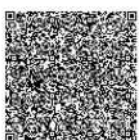
The certificate is awarded to  
**Yogesh Salunke**

for successfully completing the course  
**Introduction to Data Science**

on August 5, 2024

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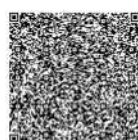
The certificate is awarded to  
**Yogesh Salunke**

for successfully completing the course  
**Introduction to Artificial Intelligence**

on August 12, 2024

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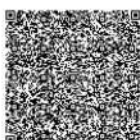
The certificate is awarded to  
**Yogesh Salunke**

for successfully completing the course  
**Introduction to Natural Language Processing**

on August 6, 2024

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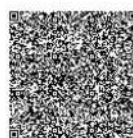
The certificate is awarded to  
**Yogesh Salunke**

for successfully completing the course  
**Computer Vision 101**

on August 25, 2024

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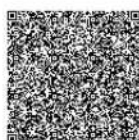
The certificate is awarded to  
**Yogesh Salunke**

for successfully completing the course  
**Introduction to Deep Learning**

on August 24, 2024

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Student Achievements Glimpse

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department

## NEWS LETTER – AUGUST 2024

### Students Achievements and Participation:

- Mr. Pratik Satish Vidhate from SE A div, has successfully completed course “Introduction to SQL” on 16th August 2024.
- Mr. Ruturaj Tatoba Mahekar from TE A div, has successfully completed internship “Front End Development”, conducted by Edunet Foundation From 24th June 2024 to 31st July 2024.
- Ms. Shreya Kadam from BE A div, has Published a research paper “Implementation of AI in cosmetic Industry” on July 2024.
- Ms. Vaibhavi Bhaskar Kamble from SE B div, has successfully completed course “Generative AI: Introduction to Large Language Models” on 19th August 2024.



### Student Achievements Glimpse

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
 Head of Department

## NEWS LETTER – AUGUST 2024

### Students Achievements and Participation:

- Mr. SUHAS MUDHOLKAR from SE A div, has successfully completed course “Supervised Machine Learning: Regression and Classification” on 3rd August 2024.
- Ms. Tanuja More from SE C div, has Participated in Acmegrade campus ambassador program on 29th July 2024.
- 
- Mr. Shahu Hemant Ugale from TE A div, has successfully completed course “Project Management Foundations” on 24th August 2024.
- Ms. Thejasvini Boorla from TE A div, has successfully completed course “complete flutter development Bootcamp with dart” on 19th August 2024.



## Student Achievements Glimpse

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department



## NEWS LETTER – AUGUST 2024

### Students Achievements and Participation:

- Ms. Aditi Desai from BE A div, has successfully completed course “High Impact Presentations”, “Email Writing Skills”, “Time Management”, “Software Engineering and Agile software development”, “Introduction to Entity Relationship ER Modeling”, “Introduction to Business Intelligence”, “Multidimensional Data Modeling”, “Agile Scrum in Practice” on August 2024.



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#### COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**Aditi Desai**

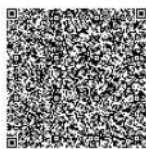
for successfully completing the course

**Email Writing Skills**

on August 20, 2024

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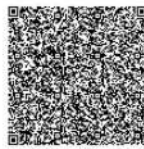
for successfully completing the course

**High Impact Presentations**

on August 20, 2024

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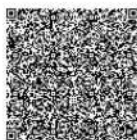
for successfully completing the course

**Agile Scrum in Practice**

on August 20, 2024

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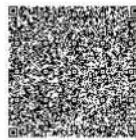
for successfully completing the course

**Software Engineering and Agile software development**

on August 20, 2024

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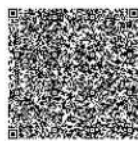
for successfully completing the course

**Introduction to Business Intelligence**

on August 13, 2024

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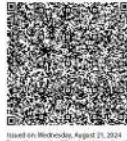
for successfully completing the course

**Introduction to Entity Relationship ER Modeling**

on August 18, 2024

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Student Achievements Glimpse

Name of Faculty Coordinator :

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department



**NEWS LETTER – AUGUST 2024**

**Students Achievements and Participation:**

- Ms. Snehal Mohite from SE div, has secured the 3rd rank at Creative canvas competition held at Balaji Institute of Commerce, Arts and Science on 10th August 2024.
- Ms. Aditi Desai from BE A div, has successfully completed course “Time Management”, “Multidimensional Data Modeling” and “Java Programming” in August 2024.



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**COURSE COMPLETION CERTIFICATE**

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**Aditi Desai**

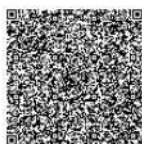
for successfully completing the course

**Time Management**

on August 20, 2024

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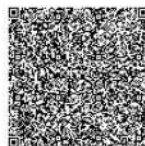
for successfully completing the course

**Multidimensional Data Modeling**

on August 17, 2024

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**Student Achievements Glimpse**

**Name of Faculty Coordinator :**

**Mrs. Trupti G. Lonkar**

**Dr Vinayak Kottawar**  
**Head of Department**

**NEWS LETTER – AUGUST 2024**

**Students Achievements and Participation:**

- Ms. Aditi Desai from BE A div, has successfully completed course “Java Programming” provided by Great Learning academy, in August 2024.
- Ms. Charvi Humane TE A div, has participated in E- commerce and Tech Quiz , Organize by Flipkart in August 2024.
- Mr. Thejas Elandassery from BE A div, has invited to Pravara Public School to mentor school students about Robotics and AI. in August 2024.



Student Achievements Glimpse

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department



## NEWS LETTER – AUGUST 2024

### Department activities:

- Department of Artificial Intelligence and Data Science Engineering Organized “SECOND YEAR INDUCTION PROGRAM” for Second Year students on 9th August 2024. Mr. Gokul Gawande (Data Analyst) , Sanjeev Kumar Patil (Motivational speaker) , was the guest for the program. Mrs. Pallavi Shingade and Mrs. Rasika Wattamwar coordinated the program. Around 165 students attended the induction program.
- Department of Artificial Intelligence and Data Science Engineering Organized Expert talk on “Data Science” under Secretary S4DS club, for Second Year students on 10th August 2024. DR Neha Sharma was the speaker for the session. Mrs. Manasi Karajgar and Mrs. Supriya Patil coordinated the session. Around 45 students attended the session.



Some Glimpses of the session

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department




**NEWS LETTER – AUGUST 2024**

**Department activities:**

- Department of Artificial Intelligence and Data Science Engineering Organized Seminar on “Glorious Bharat” under IKS activities for students on 24th August 2024. Mr Jaresh Bhangdiya , was the speaker for the session. Dr. Mayuri Rathi and Mrs. Nita Mahale coordinated the session. Around 128 students attended the session.


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**AN INVITATION TO WITNESS**  
**INDIAN KNOWLEDGE SYSTEM**  
**GLORIOUS**  
**BHARAT**



**Saturday,  
August 24,  
2024**

**DNYANPRASAD  
SABHAGRUH**  
**TIME: 12:00 PM - 1:00 PM**



**Guest Speaker:  
Jayesh Bhangdiya**



Some Glimpses of the session

**Name of Faculty Coordinator :**

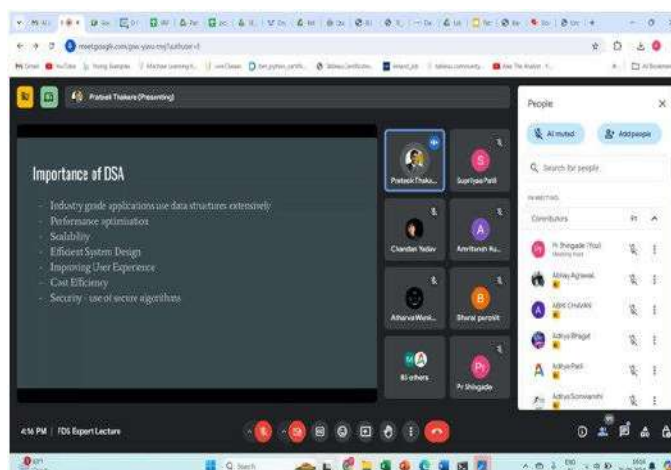
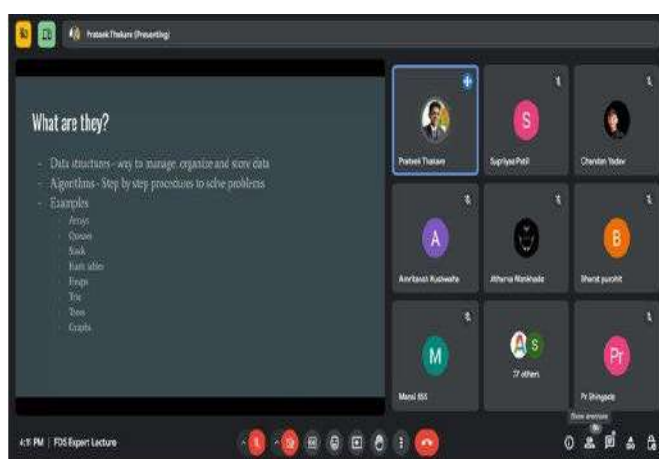
Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department

## NEWS LETTER – AUGUST 2024

### Department activities:

- Department of Artificial Intelligence and Data Science Engineering Organized Expert lecture on "Artificial Intelligence-State of Art" for Third year students on 10th August 2024 . Mr Sumit Mundhada, Deputy General Manager (Vodafone Intelligent Solutions), was the speaker for the session. Dr. Mayuri Rathie coordinated the session. Around 85 students attended the session.
- Department of Artificial Intelligence and Data Science Engineering Organized Expert lecture on "Fundamental of data structure" for second year students on 24th August 2024 . Mr Pratik Thakare, security Engineer, was the speaker for the session. Mrs. P. S. Shingade, Mrs. S. A. Patil and Mrs. N. J. Mahale coordinated the session. Around 90 students attended the session.



Some Glimpses of the session

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department



## NEWS LETTER – AUGUST 2024

### Department activities:

- In Department of Artificial Intelligence and Data Science Engineering The first Board of Studies meeting was conducted on 10th August, 2024 at 10.15 am in offline mode. Review of First Year and second Year Curriculum was discussed. Around 13 members have attended the BOS meeting.
- The Humanity and Social Science Department organized a two-day FDP on "Innovation and Transformation in Pedagogy" for the faculty of the Artificial Intelligence and Data Science Department on the 29th and 30th of August, 2024. Dr. Anuradha Jain was the resource person for the FDP, and around 20 faculty members attended the program.



Some Glimpses of the session

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

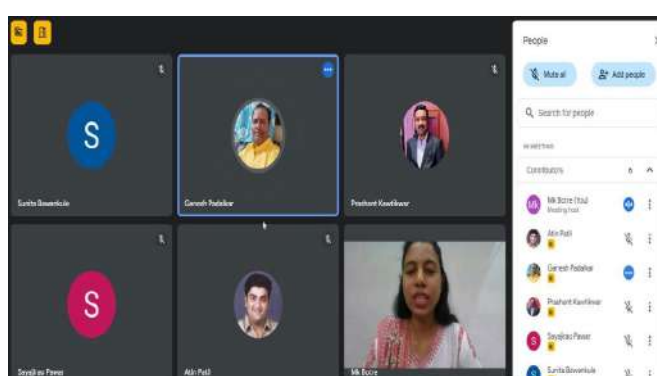
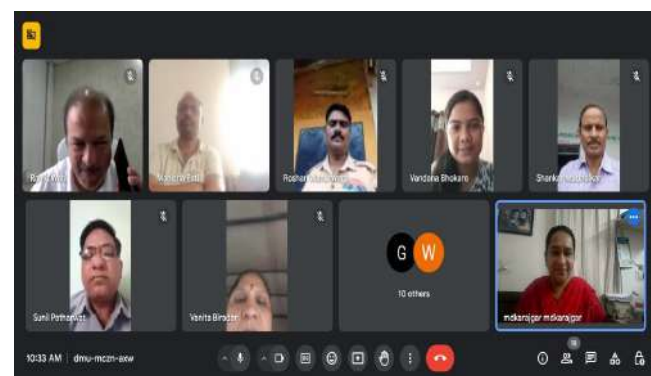
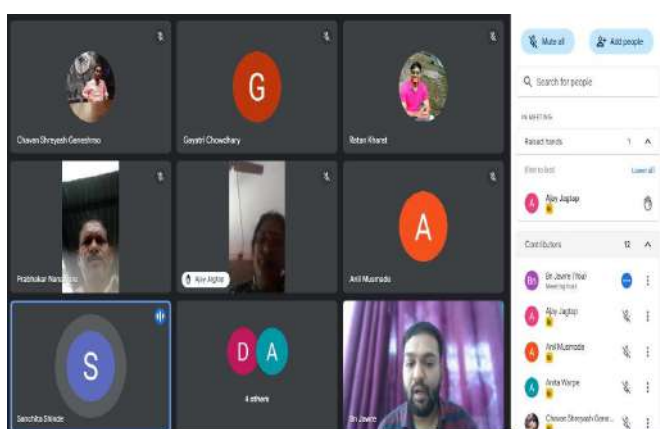
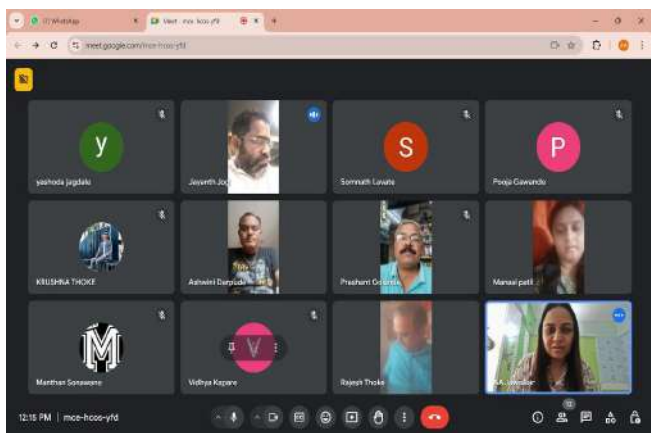
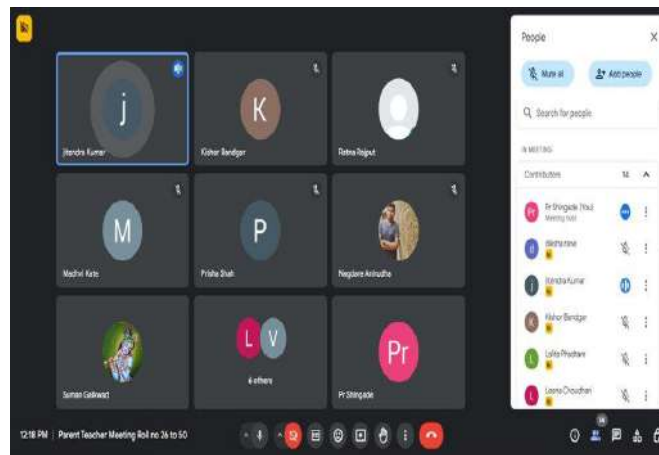
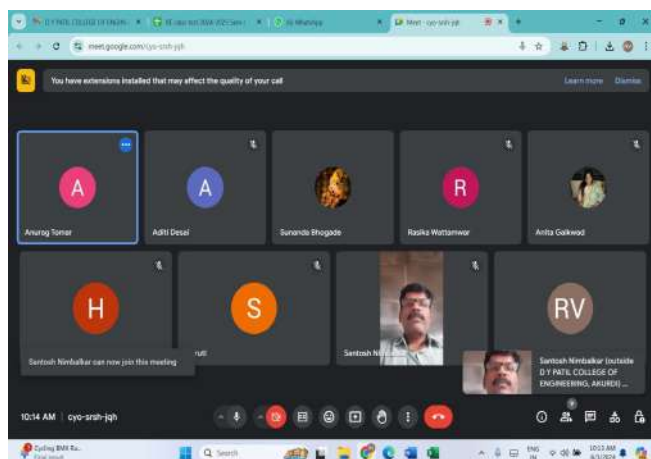
Dr Vinayak Kottawar  
Head of Department



## NEWS LETTER – AUGUST 2024

### Department activities:

- Parent Teacher Meeting (PTM) was conducted by all SE, TE, BE Teacher Guardian( TG) of Artificial Intelligence and Data Science Engineering department on Saturday 3rd August, 2024, in online mode. Importance of attendance, Elaboration of Term Work Schema, T&P activity was key points for discussion.



Some Glimpses of the PTM

**Name of Faculty Coordinator :**

Mrs. Trupti G. Lonkar

Dr Vinayak Kottawar  
Head of Department