

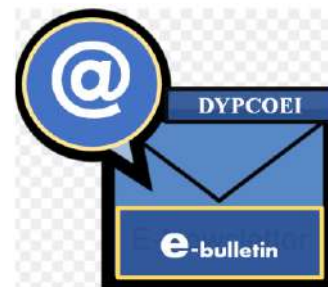


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Faculty Achievements.....	01
PAPER PUBLICATION, NPTEL COURSE AND FDP	
Faculty – Students Publication.....	02
PAPER PUBLICATION	
Expert Session.....	06
COMPUTER GRAPHICS	
Workshop.....	06
INDUSTRIAL AUTOMATION TOOLS &TRENDS IN SOFTWARE TESTING	
Freshers Carnival 2K24.....	08
WELCOMING EVENT	

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Vision

To achieve excellence in quality education through value based rapidly changing technologies and create technical Human-Resource with proficiencies of accepting new challenges.

Mission

- M1** *Continuously strive to impart value-based education to elevate the satisfaction level of all stakeholders.*
- M2** *Take dedicated efforts to create competent professionals by effective teaching learning process with passion of lifelong learning attitude.*
- M3** *Our endeavor is to promote and support innovative research, entrepreneurship and development activities through Industry Interaction.*

Faculty Achievements

PAPER PUBLICATIONS



Prof. (Dr.) Alpana Adsul, Head Computer Engineering and Mr. Vishal Kisan Borate, Assistant



Professor published papers on “A Systematic Approach for Skin Disease Detection & Prediction by

using CNN” and “Analysis of Malware Detection Using Various Machine Learning Approach” in IJAR SCT, Volume 4, Issue 2, November 2024.



Prof. Yogesh Deepak Nagvekar, Head First Year Engineering successfully completed workshop

on **“ChatGPT & AI in Microsoft Office”** Conducted by Mr. Jatan Shah Microsoft Certified Trainer Co-Founder & CEO, Skill Nation 13th November 2024.

ChatGPT and AI are increasingly integrated into Microsoft Office products, enhancing user productivity and improving workflows.

Microsoft has embraced AI to help users work smarter, save time, and increase efficiency. How AI and tools like ChatGPT are incorporated into Microsoft Office. Microsoft Office's integration of AI and tools like ChatGPT is revolutionizing how users interact with documents, emails, data, and team collaboration.



Mr. Anita Shinkar, Assistant Professor, Computer Engineering successfully completed with Elite

Certificate on **“Operating System Fundamentals”** from NPTEL course.



Mr. Shrikant Jadhav, Assistant Professor, First Year Engineering successfully completed with Elite

Certificate on **“Developing Soft skills and Personality”** from NPTEL course.



Mr. Erbatnwar Suraj Nagnath, Assistant Professor, First Year Engineering successfully completed

Certificate on **“Solid State Physics”** from NPTEL course.

FACULTY DEVELOPMENT PROGRAM

Prof. (Dr.) Deepali Sale, Associate Professor, Department of Computer Engineering successfully Completed five day's workshop on **“Selenium with Java”** organized by Scripting Logic 11th – 16th November 2024.

Mr. Vishal Kisan Borate, Assistant Professor, Department of Computer Engineering successfully participated one-week faculty development program on **“Latest Trends and Techniques in Digital Twin”** organized by MMCOE, Pune from 7th – 12th October 2024.

Faculty - Students Publication

PAPER PUBLICATIONS

Prof. (Dr.) Alpana Adsul, Head Computer Engineering, Mr. Vishal Kisan Borate, Assistant Professor, Palak Purohit, Rucha Sambare, Samiksha Yadav and Arya Zunjarrao final Year students from Computer Engineering published paper entitled "A Role of Machine Learning Algorithms for Lung Disease Prediction and Analysis" in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 04, Issue 03, October 2024.

Prof. (Dr.) Alpana Adsul, Head Computer Engineering, Mr. Vishal Kisan Borate, Assistant Professor, Rohit Dhakane, Shahuraj Gawade, Shubhangi Ghodake and Pranit Jadhav final Year students from Computer Engineering published paper entitled "A Comprehensive Review of Phishing Attack Detection Using Machine Learning Technique" in IJARSCT Volume 04, Issue 03, October 2024.

Prof. (Dr.) Alpana Adsul, Head Computer Engineering, Mr. Vishal Kisan Borate, Assistant Professor, Aditya Gaikwad, Akash Mhetre and Siddhesh Dicholkar final Year students from Computer Engineering published paper entitled

"Detection Using Various Machine Learning Approach" in IJARSCT Volume 4, Issue 2, November 2024.

Prof. (Dr.) Alpana Adsul, Head Computer Engineering, Mr. Laxmikant Malphedwar, Assistant Professor, Sanket Nagare, Yash Nimse, Sanchiti Nimble, Sakshi Pakhle final Year students from Computer Engineering published paper entitled "Crop Yield Prediction Using Machine Learning" in IJARSCT, Volume 4, Issue 2, Nov 2024.

Dr. Jagruti. R. Panchal, Professor, Sandesh Patil, Pawan Naphade and Aditya Pandhare final Year Students from Computer Engineering published paper entitled "Web-Based Event Administration Using Data Analytics" in International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) Volume 06, Issue 11, November-2024.

Dr. Jagruti. R. Panchal, Professor, Shrutika Jagtap, Mayuresh Karnavat, Rupali Khairnar and Rushikesh Kolge final year students from Computer Engineering published paper entitled "Skin Disease Analysis And Detection Using Machine Learning" in IJARSCT, Volume 04, Issue 02, November 2024.

Dr. Jagruti. R. Panchal, Professor, Adil Patel, Vikas Mahato, Akshay Pardesi and Kumar Pawar

final year students from **Computer Engineering** published paper entitled “**Automation In Poultry Farm Using AI-ML And Iot**” in IJARST, Volume 04, Issue 02, November 2024.

Dr. Jagruti. R. Panchal, Professor, Anupama Rajeevan, Yogeshwari Bagul, Rutuja Bhosale and Susovan Bhowmik final Year Students from **Computer Engineering** published paper entitled “**Enhancing Thread Detection With Siem Tool Using Gnn**” in IRJMETS, Volume 06, Issue 11, November-2024.

Dr. Deepali Sale, Associate Professor, Sakshi Dawale, Vaishnavi Salunke, Roshan Shewale and Vikas Tekawade final Year students from **Computer Engineering** published paper entitled “**Medical Image, Analysis and Visualization using Image Processing**” in IJARST Volume 4, Issue 2, November 2024.

Dr. Deepali Sale, Associate Professor, Anand Bhagat, Pranit Bhalekar, Rohit Gorde and Mahendra Gayakwad final Year students from **Computer Engineering** published paper entitled “**Speech Emotion Recognition Using Feedforward Neural Network**” in IJARST, Volume 4, Issue 3, November 2024.

Dr. Deepali Sale, Associate Professor, Piyush Ahire, Manoday Ahire, Amey Patil and Hemant Chaudhari final Year students from **Computer**

Engineering published paper entitled “**From Grapes to Clicks : A Cloud-Based Wine- Selling Solution for Single Vendors**” in IJARST, Volume 4, Issue 2, November 2024.

Dr. Deepali Sale, Associate Professor, Suwasini Chabukswar, Abhijeet Gavade, Abhinav Aher and Mr. Sujal Hulavale final Year students from **Computer Engineering** published paper entitled “**SMART Door lock and unlock system using mobile application based on IoT**” in IRJMETS, Volume 06, Issue 10, October 2024.

Ms. Anita Shinkar, Assistant Professor, Yash Dhumal , Mayur Shinde , Vaishnavi Tandale and Swarupa Shinde final Year students from **Computer Engineering** published paper entitled “**Emotion Aware AI for Mental Health Monitoring**” in IJARST, Volume 4, Issue 2, November 2024.

Ms. Anita Shinkar, Assistant Professor, Akash Horambe, Ayush Apte, Abhijit Bobade and Omkar Chavan final Year students from **Computer Engineering** published paper entitled “**A Review of Privacy Issues and Language Dependency in AI-Based Voice Assistants**” in International Journal of All Research Education and Scientific Methods (IJARESM), Volume 12, Issue 11, November-2024.

Mr. T. Arivanantham, Assistant Professor, Deepak Chaudhari, Pratik Mane, Hrishikesh

Fund and **Mr. Amit Gaddam** final Year students from **Computer Engineering** published paper entitled “**An IoT Based Smart Dustbin System**” in IJAR SCT, Volume 04, Issue 03, November 2024.

Mr. T. Arivanantham, Assistant Professor, Pratiksha Shirsath, Zainab Sayyed, Kiran Potdar and **Shubham Sagar** final Year students from **Computer Engineering** published paper entitled “**Survey Report On Forgery Signature Detection System**” in IRJMETS, Volume 06, Issue 11, November 2024.

Mr. Sunil Kumar Yadav, Assistant Professor, Swayamprabha Shinde, Samruddhi Unde, Payal Shelar and **Anil Shelke** final Year students from **Computer Engineering** published paper entitled “**Counterfiet Product Detection System Using Blockchain Technology**” in International Journal for Multidisciplinary Research (IJFMR), Volume 06, Issue 6, November December 2024.

Mr. Sunil Kumar Yadav, Assistant Professor, Dinesh Temgire, Vivek Raut, Vedant Thorat and **Anjali Babar** final Year students from **Computer Engineering** published paper entitled “**Cloud Based Solution Architecture for College Placement Cell Web Based Application**” International Journal of Creative Research Thoughts, Volume.12, Issue 11, November 2024.

Mr. Chandan Wagh, Assistant Professor, Harshal Nitin Rasane, Pankaj Yadav and

Chaitanya Rasane final Year students from **Computer Engineering** published paper entitled “**AI Based Vehicle Selling Application**” in IJSREM, Volume 08, Issue 11, November 2024.

Mr. Chandan Wagh, Assistant Professor, Nitesh Mhasane, Prajwal Lingayat, Harshal Kawane and **Rohan Kulkarni** final Year students from **Computer Engineering** published paper entitled “**Stress Detection System using Machine Learning and Sensors**” in IJAR SCT, Volume 4, Issue 3, Nov 2024.

Mr. Chandan Wagh, Assistant Professor, Dhiraj Waghmare, Swayambhu Bhapkar, Kaushal Taware and **Shreyash Sathe** final Year students from **Computer Engineering** published paper entitled “**Legal Rights Predictor Using AI**” in IJRESM, Volume 12, Issue 10, October 2024.

Mr. Sagar A. Dhanake, Assistant Professor, Sharvary Raut, Trupti Sonar, Shivani Tarwade, and **Vaishnavi Sabale** final Year students from **Computer Engineering** published paper entitled “**Disease Prediction using Classification of Blood Cells Smear Images**” in IJAR SCT, Volume 4, Issue 1, November 2024.

Mr. Santosh Kawade, Assistant Professor, Tanuja Waware, Meghna Tighare, Amrut Taki and **Divya Rathod** final Year students from **Computer Engineering** published paper entitled

“Reflectech: The Smart Mirror” in IRJMETS, Volume 10, Issue 11, October-2024.

Mr. Santosh Kawade, Assistant Professor, Akanksha Deshmukh, Sejal Jadhav and Omkar Bankar final Year students from **Computer Engineering** published paper entitled **“Securing Children From Inappropriate And Harmful Things On The Internet”** in IRJMETS, Volume 06, Issue 11, November-2024.

Ms. Poonam Sadafal, Assistant Professor, Aayan Mundhekar , Snehal Kothawade , Hibah Momin and Hamza Khan final Year students from **Computer Engineering** published paper entitled **“Currency Detection Application for Visually Impaired People”** in IJARST, Volume 4, Issue 3, November 2024.

Mr. Sharad Jadhav, Assistant Professor, Krishna Kondhare, Shivam Mulik, Jyotiraditya Panchal and Mahesh Kale final Year students from **Computer Engineering** published paper entitled **“Android Log Extraction for Digital Forensic: A Review on Android Log Extraction Tool”** in IJRSET, Volume 13, Issue 11, November 2024.

Mr. Sharad Jadhav, Assistant Professor, Ekta Kushwaha, Anikesh Tripathy and Chaitri Kewal Bhatia final Year students from **Computer Engineering** published paper entitled **“Emotion**

Aware AI for Mental Health Monitoring” in IJARST, Volume 4, Issue 2, November 2024.

Ms. Aradhana Pawar, Assistant Professor, Sumit Thakur, Aditya Thorat, Sanket Solanke, and Mayur Tidke final Year students from **Computer Engineering** published paper entitled **“Advanced Inventory for Medical Distributor”** in International Education and Research Journal (IERJ), Volume 10, Issue 11, November 2024.

Mr. Dnyanesh Gaikwad, Assistant Professor, Awate Gauri, Gorade Shradha and Jadhav Anurag final Year students from **Computer Engineering** published paper entitled **“SafeDrive Pro IoT Based Driver Verification System”** in IJARST, Volume 4, Issue 3, October 2024.

Ms. Anamika Wasnik, Assistant Professor, Mansi Dhobale, Sanika Ghodekar, Trupti Gholap and Pranav Jadhav final Year students from **Computer Engineering** published paper entitled **“Medical System Verification Through Blockchain”** in IJRSET, Volume 13, Issue 10, October 2024.

Writing and publishing a paper is a great way to develop academic writing and communication skills. Final year students from computer engineering published 40+ papers in different International Journals.

Expert Session

COMPUTER GRAPHICS

Department of AI-DS organized expert session on “Computer Graphics” by Ms. Swati N. Firame, Assistant Professor, SITS, Narhe, Pune on 19th November 2024.



Ms. Swati N Firame explaining computer graphics technics to SE AI-DS students.

Ms. Swati N Firame explained colour models, Illuminations, Shading Algorithms and hidden surfaces and students gained brief knowledge about Fractals and Curves. The session was interactive and more than 50+ SE AI-DS students attended the expert session.



Ms. Swati N Firame interacted with SE AI-DS students on 19th November 2024.

Workshop

INDUSTRIAL AUTOMATION TOOLS AND TRENDS IN SOFTWARE TESTING

Workshop on “Industrial Automation Tools and Trends in Software Testing” by Mr. Ankit Saxena, Founder and CEO, Impactyaan, Pune on 16th – 18th October 2024. The session was organized by the CSI student Chapter members of Dr. D. Y. Patil College of Engineering and Innovation, Varale, Talegaon.



Prof. (Dr.) Alpana Adsul, Head Computer Engineering warm welcoming Mr. Ankit Saxena, Founder and CEO, Impactyaan, Pune workshop on “Industrial Automation Tools and Trends in Software Testing” on 16th October 2024.

Workshop was arranged to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & Latest Technologies being used to achieve Automation.

Also to gain a comprehensive understanding of automation, learn how to program and participate in hands-on exercises that mimic real-world scenarios.

Software automation testing involves the usage of tools and test scripts to test the software. These automated test results are more reliable and speed up the testing process, ensure faster releases and deliver accurate results.

It enables students gain the knowledge of Automation tools used in industry.



Mr. Ankit Saxena explaining Industrial Automation Tools and Trends in Software Testing on 16th October 2024.

Mr. Ankit Saxena comes with extensive experience in software engineering and has over 19 years of total industry experience spanning multiple domains and varied technologies. During his last stint at Project Tech4Dev. He worked as a fractional CTO for different not-for-profits, consulting them on aspects such as IT strategy, tech capacity building, product design, architecture, and development.

He worked in various roles with companies such as Infosys, IBM, and HCL.

He is currently the founder and CEO of an IT services company called Impactyaan. Climate change is a cause that is very close to his heart and

has inspired him to become vegan. In his free time, he loves to explore different forms of meditation. He holds a BE degree in computer science from SGSITS, Indore, and a diploma in executive MBA from SPJIMR, Mumbai.

Students presented their Software Testing and Quality Assurance projects on the occasion.

Glimpses of STQA Project Presentation:



Freshers Carnival 2K24

WELCOMING EVENT

DYPCOEI organized Fresher's Carnival 2024 on 14th November 2K24. A Freshers Carnival is a popular event, typically organized at the beginning of the academic year to welcome new students to college. It's an exciting, fun-filled event that often features a mix of activities like: Games and Competitions, Performances (Music, dance, drama, or stand-up comedy), Fun Activities and other entertainment options to keep everyone engaged.



Honorable Dr. Sushant Patil, President DYPEF and Mr. Upendra Limaye, Actor inaugurated Freshers Carnival 2K24 celebration with Goddess Saraswati.

The event was organized by a team of students from the student union, alongside volunteers from different student societies and departments.

College campus was decorated with colorful banners, lights, thematic props, etc. Special care was taken to ensure that the atmosphere reflected the carnival theme.



Honorable Dr. Sushant Patil, President DYPEF, felicitating Mr. Upendra Limaye, Actor on 14th November 2024.

Honorable Dr. Sushant Patil, President DYPEF warm welcoming chief guest Mr. Upendra Limaye.



Honorable Dr. Sushant Patil, President DYPEF welcoming chief guest Mr. Upendra Limaye.



Mr. Vishal Kumavat, Artist hosted the Freshers Carnival 2K24 event.

The event was inaugurated with a welcome speech by Mr. Vishal Kumavat, who explained the purpose of the carnival and invited all students to participate actively. Several student groups performed throughout the event.

Glimpses of Freshers Carnival 2K24:



The carnival successfully created a welcoming atmosphere for freshers, helping them interact with peers and senior students, learn about campus life, and feel more connected to the college community.

Participants indicated high satisfaction, with most students enjoying the activities, performances, and opportunities to socialize.



Performance awards are distributed to encourage students.

The Freshers Carnival was a great success in achieving its objective of making new students feel welcome and a part of the college community. The event was enjoyed by all attendees, fostering an inclusive and vibrant atmosphere.



Freshers Carnival 2K24 End with Lights Vibes.

Quotes of the Month

