e-bulletin

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May -2023

DYPCOEI
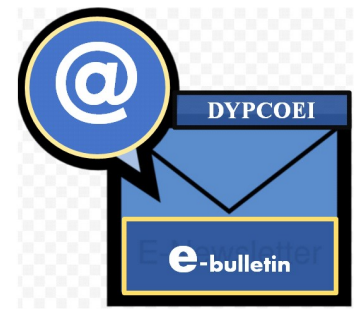
e-bulletin

Dr. D. Y. Patil College of Engineering and Innovation, Varale, Talegaon, Pune

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Ms. Sejal Jadhav, Comp Engg.

Mr. Vedant Sase, AI-DS

Ms, Geetanjali Bejjalwar, FE Engg.

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.

Memorandum of Understanding

Tie Up with industries

Dr. D. Y. Patil College of Engineering and Innovation, Varale made a Tie Up with CII-YUVA on 23rd May 2023.

MOU signed between CII-Yuva and DYPCOEI by Mr. Bharat Oswal, Prof. (Dr.) Latika Desai Head AI-DS and Mr. Rahul Misra TPO on 23rd May 2023

Mr. Bharat Oswal is a marketer cum stock market enthusiast. He is currently running his advertising firm botree.in and heading TEDx Pune & Chair for CII Young Indians, Pune. He is working on a dream project of financial literacy for the underprivileged females. He plans to train one lakh females every year via the wide student network. He would love to meet legal professionals.

He addresses the growing needs of organizations to manage and secure information more effectively and intelligently. He guided students to face the corporate challenges and to improve technical proficiency in technologies.

Mr. Bharat Oswal along with DYPCOEI faculties and students

College Triumph

Glorify

DYPEF, Pune recognized by NIPAM, Prof. (Dr.) Alpana P Adsul, Prof. (Dr.) Latika R. Desai are active participation in the National Intellectual Property Awareness Mission program launched by the Government of India on the occasion of the 75th anniversary of Independence under the banner "Azadi Ka Amnit Mahotsav" to create widespread awareness on Intellectual Property Rights(IPR).
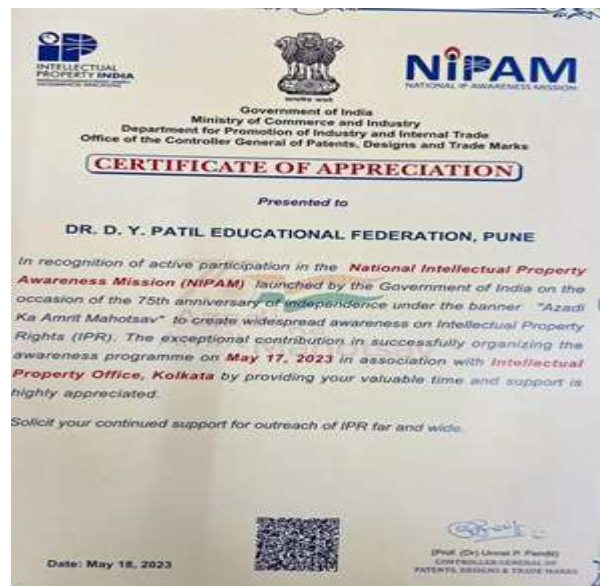
DYPEF, Pune recognized by NIPAM

The IPR session on 17th May 2023 in association with Intellectual Property Office, Kolkata was very interactive and obliging for the publication of patents and copyright.

Faculty Achievement
Procurement

Prof. (Dr.) Alpana P Adsul (HOD – Computer Engg) Regd. No: 1216 has successfully completed Yoga Teacher Training Course on 22nd May 2023 Evaluated and certified to conduct Yoga Level 1 by yogism.

Dr. Alpana Prashant Adsul, Regd. No. 1216

Dr. Alpana P Adsul, Reviewer on International Conference on IEEE Conference No – 55951

Book Published

Prof. (Dr.) Latika Desai published a book in title "The Text Book of IoT & Wireless Sensor Network" book ISBN - 978-8119140633 by RK Publications.
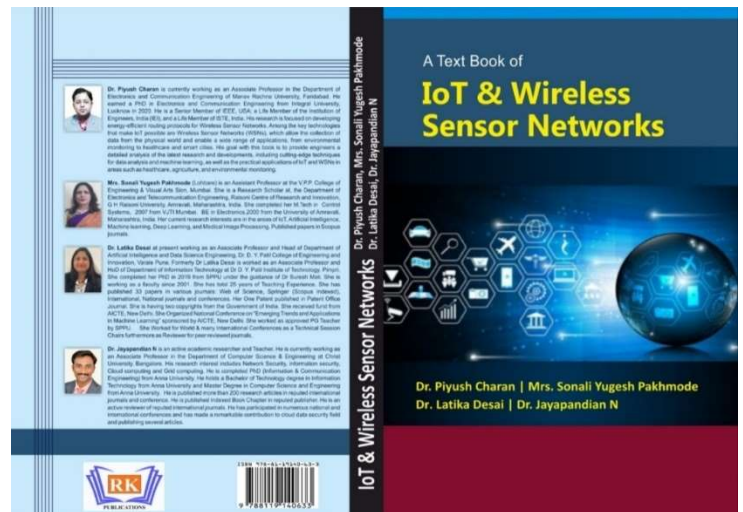
Prof. (Dr.) Latika Desai awarded for her excellence in reviewing on Asian Journal of Research in Computer Science.

Prof. Siddharth Suman scored 81% and Prof. Ravindra Yuvraj Daspute scored 75% from department of Mechanical Engineering achieved Elite + Silver grade from Swayam NPTEL certification courses.

Prof. Dr. Suresh Mali our beloved Principal DYPCOEI successfully completed and achieved Elite grade from SWAYAM NPTEL Certification Courses. Thank you Sir for the motivation and support to team. Prof. Dr. Latika Desai Head AI-DS, Prof. Dipannita Mondal Head FE, Prof. Sarojini Vinay Naik, Prof. Mahesh Rangrao Pawar were successfully completed and achieved Elite grade from SWAYAM NPTEL Certification Courses.Prof. (Dr.) Alpana Adsul, Head Computer Engineering have successfully completed and achieved Elite grade from SWAYAM NPTEL for "Ethical Hacking" coruse.

Student Achievement
Progress

Abhishek Kumar from BE Mechanical Engineering Department scored 82% and Murade Akash Narayan from SE Computer Engineering Department scored 75% achieved Elite + Silver grade from Swayam NPTEL certification courses.

Mr. Sanmesh Sanjay Potdar, Mr. Manisha Arun Masurkar and Mr. Kalyankar Girish Pradip from Department of Civil Engineering, Mr. Thorat Aditya Satish from Department of Computer Engineering and Mr. Rajput Shriom Ajitkumar from Department

Mechanical Engineering achieved Elite grade from SWAYAM NPTEL certification courses.

SWAYAM NPTEL Certification Courses

Total Students and Faculty Registered	Total Present for Examination	Successfully Completed	Elite	Elite + Silver
135	113	27	17	6

Paper Publication
Monograph

Prof. (Dr.) Latika Desai and Prof. Madhuri Kethari from Department of Artificial Intelligence and Data Science published paper on "IoT Security using Blockchain Technology" by Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162 in the month of May 2023.
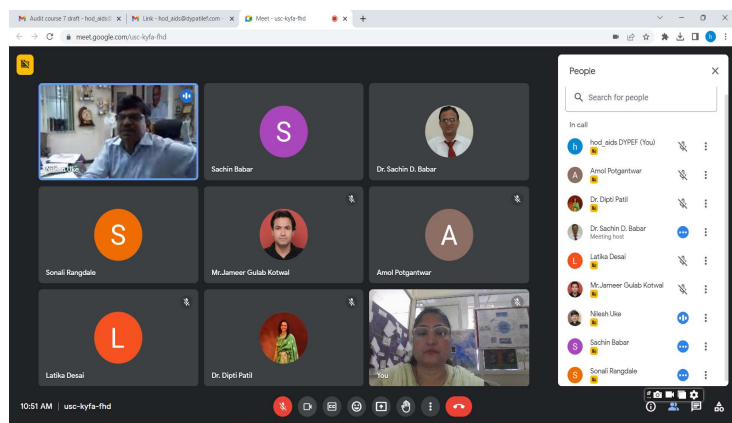
Faculty Presented
Structured

Prof. (Dr.) Latika Desai, HOD AI-DS coordinator for the audit course subject Entrepreneur Development of BE (AI-DS) syllabus implementation of SPPU conducted online mode. An academic Audit was conducted based on the criterion of the NAAC covering all academic activities of the College.

Prof. (Dr.) Latika Desai presented BE (AI-DS) audit course syllabus in SPPU organized session with all eminent personalities in the field of AI-DS. Session end with few suggestions of eminent persons (BoS Members) for finalizing the syllabus

Prof. (Dr.) Latika Desai worked as coordinator for the audit course subject Entrepreneur Development of BE AI-DS syllabus implementation of SPPU.

Prof. (Dr.) Latika Desai worked as **evaluator** for **Under Graduate** and **Post Graduate** for the autonomous Institute as an interaction with outside world.

Faculty Development Program
Progress

This certificate is proudly presented to: Prof. (Dr.) Alpana P Adsul and Prof. (Dr.) Latika R. Desai in recognition of your valuable participation in World Intellectual Property Day 2023 organized by Institution's Innovation Council (IIC) & Design Innovation Centre(DIC), Savitribai Phule Pune University, Pune

Prof. Sunil Kumar Yadav from Dr. D. Y. Patil College of Engineering and Innovation, Varale participated in Professional Development Workshop on Digital Creativity Skills as a part of Adobe Academic Essentials program.

Prof. (Dr.) Alpana P Adsul, Dr. Latika R. Desai, Prof. Sunil Kumar Yadav and Prof. Priya Sheshrao Dhage from Dr. D. Y. Patil College of Engineering and Innovation, Varale attended the live webinar with the topic "Understanding Implementing and Practicing OBE for Academic Excellence" held on 25th May 2023 by Kramah Software Pvt Ltd.

Prof. Vishal Kisan Borate from Dr. D. Y. Patil College of Engineering and Innovation, Varale has participated in one week FDP on "Research Trends in Data Computing & Machine Learning" organized by Department of Computer Engineering, PCET's NMIET, Talegaon, Pune from 22nd - 26th May 2023.

Short Term Training Program

Machine Learning and Its Applications

The one-week short term training program on machine learning and its applications was organized with the aim of providing participants with a comprehensive understanding of machine learning concepts and practical skills in applying machine learning algorithms to real-world problems. The program covered various topics related to machine learning, including the fundamentals, popular algorithms, model evaluation, and applications in different domains organized by department of Computer and Mechanical Engineering of Dr. D. Y. Patil College of Engineering and Innovation from 8th to 12th May 2023.

STTP Invitation Flyer

Objectives:

- Introduce participants to the fundamental concepts and principles of machine learning.
- Give insights to popular machine learning algorithms and tools.
- Explore different techniques for data pre-processing, feature selection, and model evaluation.
- Demonstrate the application of machine learning in various domains such as healthcare, finance, and marketing.

Glimpses:
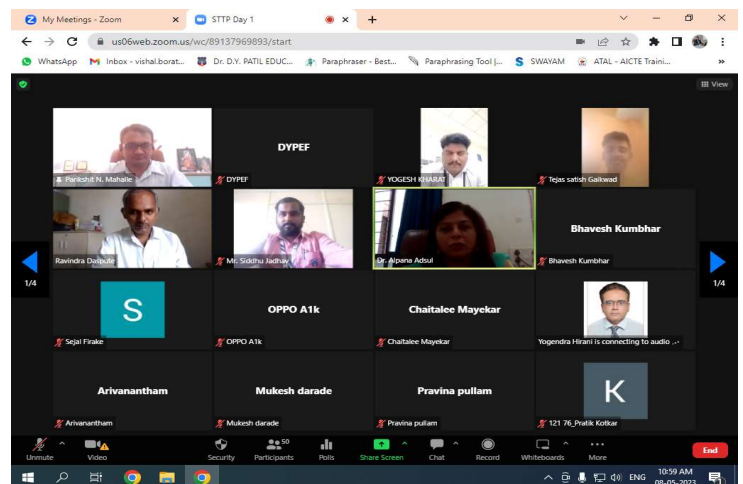
Dr. Parikshit Mahalle Dean R&D, VIIT, Pune
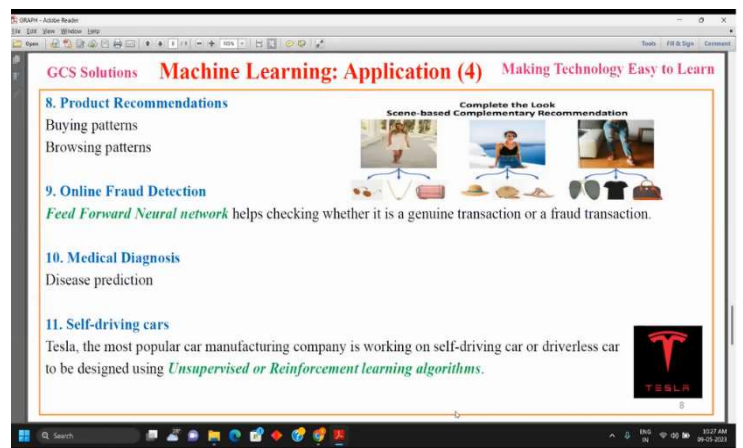
Dr. Sunil Rathod, ICEM, Pune on 9th May 2023

Dr. Abhishek Patange, COEP Technical University, Pune on 10th May 2023

Dr. Rakesh Tripati, NIT, Raipur on 11th May 2023

Dr. Yogesh Mali, G H Raisoni, Pune on 12th May 2023

Outcome:

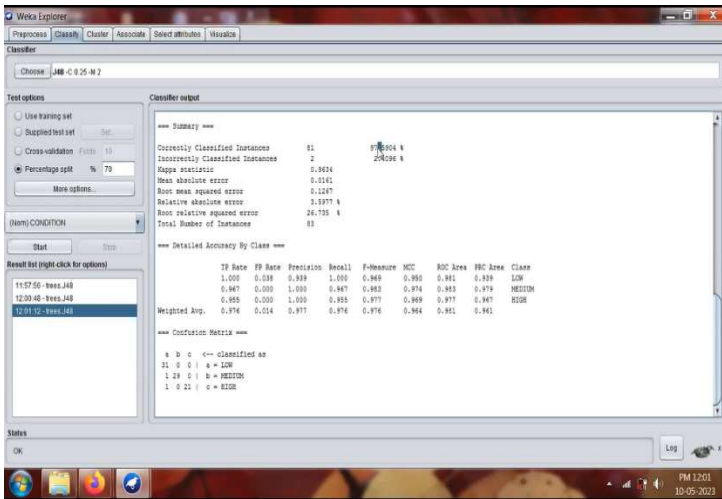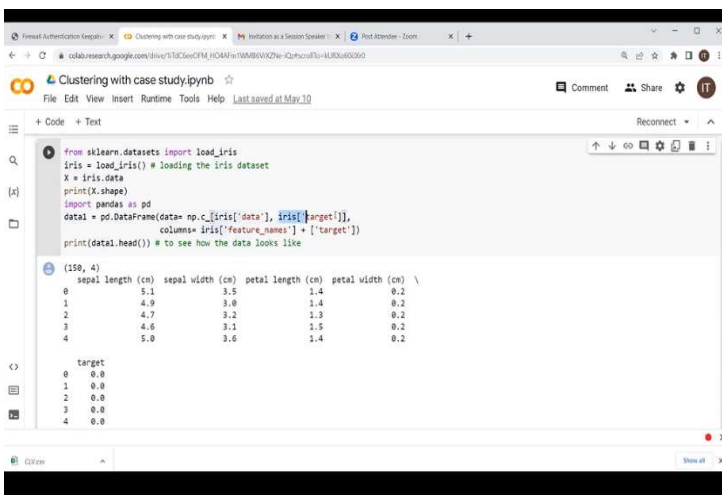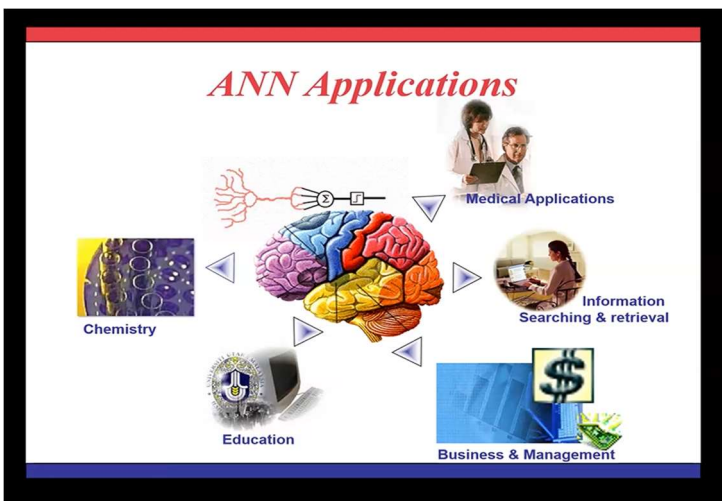- Enhanced understanding of machine learning concepts and algorithms.
- Hands-on experience with popular machine learning tools and frameworks.
- Practical skills in preprocessing data, selecting features, and evaluating models.
- Exposure to real-world applications of machine learning in various domains.
- Increased confidence in applying machine learning techniques to their own projects.

Expert Session
Paper Writing

Dr. Nilanjan Dey, Associate Professor, Department of Computer Science and Engineering, Techno International New Town, Kolkata, India invited as Expert Talk on "From Idea to Publication-Best Practices for Scientific Paper Writing" organized by Department of Computer Engineering on 20th May 2023.

Objectives:

- To create awareness about research.
- To understand the research process
- To guide students for how to write research paper.
- To create awareness among students about reputed research journals.

The program was started with Saraswati Pujan and followed with felicitation of guest.

Felicitation of Dr. Nilanjan Dey by Hon. Principal Prof. (Dr.) Suresh Mali, HOD Computer Prof. (Dr.) Alpana Adsul, HOD AI_DS Prof. (Dr.) Latika Desai, HOD FE Prof. Dipannita Mondal and TPO Mr. Rahul Misra

Then Principal Dr. Suresh N Mali has given motivational speech to the students for Research Paper Writing. Pros and guidelines for research writing were also discussed.

Principal Prof. (Dr.) Suresh N Mali addressing the audience on 20th May 2023

Dr. Nilanjan Dey. PhD, SMIEEE, Associate Professor, Department of Computer Science and Engineering , Techno International New Town, Kolkata, India . Visiting Fellow, WC Laboratory, Department of Biomedical Engineering, University of Reading, UK, Ambassador - IFIP InterYIT, India.

Dr. Nilanjan Dey explaining best practices for Research Writing to audience on 20th May 2023

He started with how to select research papers? and given guidelines to students how to write research paper?

During his talk, Dr. Nilanjan Dey guided all SE and TE students on following points:

- Started with Abstract, he explained how to write abstract. Limits on Number of words and keywords were also discussed.

- Guidelines for Introduction to References, every key point were discussed by him.

- He also explained use of different software's like VOS viewer and MV Visuals which helps to design diagrams.

- Discussion on Best Practices for Scientific Paper Writing

- Do's and Don'ts while paper writing are also explained by him.

Dr. Nilanjan Dey answering to Student Queries

Dr. Nilanjan Dey along with Faculties and Students of DYPCOEI, Varale

Outcome:

- Students became aware of Research paper writing.
- They understood different tools for paper writing i.e. VOS viewer.
- They understood do's and don'ts during research paper writing.
- They become aware of paper submission process and also reputed journals.

Core Java Session

Expert session on Core Java by Mr. Adinath Giri thought to TE Computer Engineering students.

Objectives:

- How to declare class and object?
- Benefits of object oriented program?
- Different types of access specifiers used in core java.

Audience are attending Expert Session at Seminar Hall on 20th May 2023

Expert Session on Core Java by Mr. Adinath Giri for TE students on 5th May 2023

Outcome:

- Students got knowledge of array usage in Object Oriented Program.
- Explained Java Class, methods, instance variables and access modifiers.

Web Technology – Servlet Session

Expert session on Servlet by Mr. Rahul Shirsath thought to TE Computer Engineering students as below;

- Servlet life cycle.
- URL rewriting along with examples.

Objectives:

- How many stages are included in Servlet life cycle?
- What is URL rewriting in Java servlet?

Expert Session on Servlet by Mr. Rahul Shirsath for TE Computer Engineering students on 6th May 2023

Outcome:

- Students got knowledge to create dynamic web page using Servlet.

- Students got strong knowledge of Servlet life cycle and URL rewriting.

Training & Placement Process – Session

Mr. Rooshad Mestry sir (Trainer) has taught following concepts to second year computer engineering students:

- Statistics based problems like Probability, Histograms, Graph based, table based, Percentage, average calculation, etc.

- Questions were solved based on Table. Formulas to solve such problems were explained by him.

- Problem based on General knowledge were discussed.

Expert Session on Statistical problem solving by Mr. Rooshad Mestry for second year Computer Engineering students on 12th May 2023

Outcome:

- Students have learned tricks to solve statistical problems.
- Students have learned formulas to solve table based problems.

Quotes of the Month

महाराष्ट्र भू तुला मानतो सकळ जनांची आई
तुझ्या कुशीतुन सकळांसाठी अंकुरते अंगाई
संघर्षाचे शौर्य दिले तू धैर्य दिले जगण्याचे
तुझ्याव ठायी कृतार्थ व्हावे अवघे जीवन अमुचे

महाराष्ट्र दिनाच्या
मनापासून शुभेच्छा!

We live in illusion and
the appearance of things.
There is a reality.
We are that reality.
When you understand this,
you see that you are nothing,
and being nothing, you are everything.
That is all.
Happy Buddha Purnima.