



DR. D. Y. PATIL
EDUCATIONAL FEDERATION
WASINDA, CHHOLHAR

Dr. D. Y. Patil Educational Federation's
DR. D. Y. PATIL COLLEGE OF ENGINEERING AND INNOVATION

Department of Computer Engineering

REMINISCENCE

Volume-I (A.Y. 2023-24)

VISION

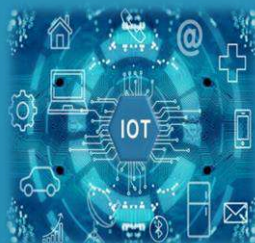
To Produce Global Standard Professionals, Innovators and Entrepreneurs with strong fundamental concepts and desire to learn latest trends and Technologies in the field of Computer Engineering.

MISSION

Adapt changes in recent trends and technologies by effective Teaching-Learning process to train the students.

Prepare Competent Computer Engineers to sustain in the competitive global corporate world with a spirit of good work ethics.

Inculcate self-continuous learning and the ability to work in a team to share Innovation and research.



Student Achievement

- Cyber Shiksha for Cyber Suraksha
- Persistent Systems "Kiran Girls Scholarship"

NPTEL-AICTE Certificate

Faculty Achievement

Faculty Development Program

Faculty Paper Publication

Expert Session

- Energy Saving
- Cyber Security

Skill Development Program

Student Gallery

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Student Achievement

Progress

Cyber Shiksha for Cyber Suraksha

Quick Heal takes great pride in introducing its team captains for the 2023 mission to combat cybercrime. Together with their team of dedicated cyber warriors, they will spearhead awareness campaigns in society empowering individuals to safeguard themselves from falling prey to cyber fraud.



The "Cyber Shiksha for Cyber Suraksha" Campaign is set to kick start in Maharashtra, with 29 teams from various districts DYPCEOI, Varale, Talegaon Team Captain Mr. Raj Kashid student from SE Computer Engineering.

Persistent Systems "Kiran Girls Scholarship"

Persistent Systems has been donating 1% of its profits towards social causes since 1995. The Persistent Foundation was established in 2009 to expand the vision and define the scope of Corporate Social Responsibility. Health, Education and Community Development are the areas of work and Pune, Nagpur, Bangalore, Hyderabad and Goa are the locations for execution of identified projects.

Kiran Girls Scholarship and Mentoring Program Education - Empowering underprivileged girls with Information Technology and Computer Science education that can help them prepare for employment in the field.



Miss. Vaishnavi Desai received Kiran Scholarship - 2023-24 from Persistent Foundation, Pune.

Kiran scholars tend to be the first educated member in their families. Kiran Girls scholarship mentoring sessions help them experience the corporate environment and improve their technical capabilities and soft skills.



Second Year Computer Engineering student Miss. Vaishnavi Desai awarded Kiran Girls Scholarship – 2023-24 valued Rs. 50,000 from Persistent Systems, Pune appreciated by Prof. (Dr.) Suresh Mali, Principal DYPCEOI, Prof. (Dr.) Alpana Adsul, Head Computer Engineering on 30th November 2023.

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NPTEL-AICTE Certificate

“Introduction to Internet of Things” course successfully completed by four students **Miss. Vaishnavi Pradip Jangam** received Elite + Silver certificate.

Miss. Dawale Sakshi Rahul, Miss. Waware Tanuja Maruti and Miss. Gholap Trupti Subhash were received Elite certificate from NPTEL-AICTE 12 weeks course in the academic year 2023-24.



Miss. Vaishnavi Pradip Jangam received Elite + Silver certificate on “Introduction to Internet of Things” 12 weeks course by NPTEL-AICTE.

Security Club Launch Event:

On 26th October 2023 DYPCEOI students launched Security Club.

Security club planned to organize various events, workshop and seminar collaborate with company expert people.

Club Activity:

- Raise Awareness about Cybersecurity.
- Provide Insights from Industry Experts.
- Engage Students through Interactive Activities.

- Encourage Student Participation and Membership.
- Facilitate Networking Opportunities with cybersecurity professionals.



Security Club launching ceremony on 26th October 2023.

The Security Club Launch ceremony successfully laid the foundation for a vibrant and active community of students interested in cybersecurity within the college.

N.O.V.A. Green Club



The team of N.O.V.A. Green Club of Dr. D. Y. Patil College of Engineering and Innovation, Varale for successful pollution free campaign at Ravet on the occasion of Ganapati Visarjan Day - 3 on 21st September 2023.

DYPCEOI N.O.V.A team helped pollution free campaign at Ravet on the occasion of Ganapati Visarjan.

Faculty Achievement Procurement

Research Scholar – 2023

Prof. (Dr.) Suresh Mali, Principal DYPCOEI, Varale received prestigious award of “Outstanding Research Scholar of the Year 2023” organized by New Normal - ELSA Series: Education Summit & Award 2023 in New Delhi award ceremony held on 21st & 22nd July 2023 at Hotel Radisson, Gurugram Udyog Vihar.

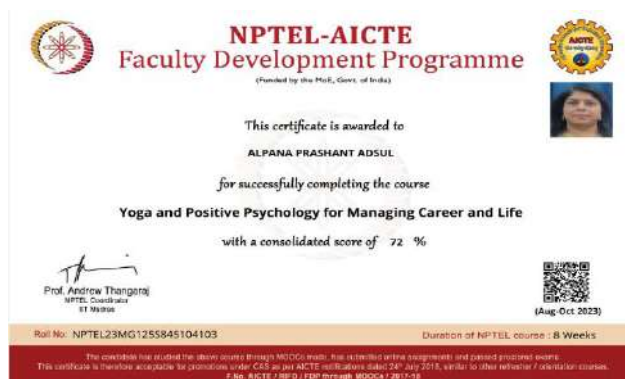


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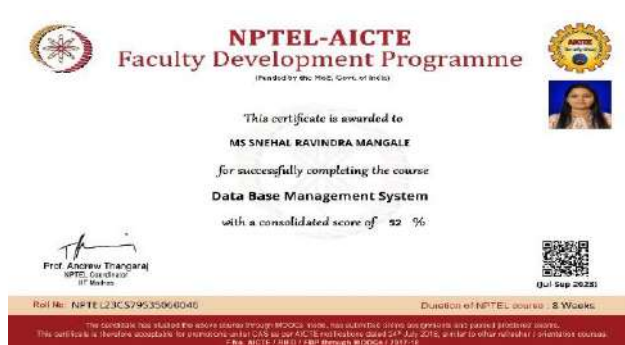


Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering for a partnering with Brandtough & Analytics and conducting a seminar on Personal Hygiene & Soft Skill Development sponsored by Whisper & Gillette on 14th August 2023.

NPTEL – AICTE Certificate



Prof. (Dr.) Alpana Adsul received Elite certificate for successfully completing the course “Yoga and Positive Psychology for Managing Career and Life” by NPTEL-AICTE 8 weeks Faculty Development Program - 2023-24.



Ms. Snehal Ravindra Mangale, Assistant Professor successfully completed the 8 - weeks course “Data Base Management System” by National Programme on Technology Enhanced Learning (NPTEL) - AICTE Faculty Development Programme.

Patent Published

Prof. Dipannita Mondal, published a Patent entitled “Cloud Computing-Based Identification of Buried Alive Victims Due To Disasters Using Geosensing And Ground Penetrating Radar”.

(12) PATENT APPLICATION PUBLICATION (21) Application No: 202341042486 A
 (19) INDIA
 (22) Date of filing of Application : 24/08/2023 (43) Publication Date : 01/09/2023
 (54) Title of the invention : CLOUD COMPUTING-BASED IDENTIFICATION OF BURIED ALIVE VICTIMS DUE TO DISASTERS USING GEOSENSING AND GROUND PENETRATING RADAR
 (71) Prof. Dipannita Mondal
 Address of Applicant : INDIAN NATIONAL Assistant Professor AIDS Department Dr. D.Y.Patil College Of Engineering and Innovation, Talegaon dipannita.mondal@dypatitce.in Talegaon *****

<https://search.ipindia.gov.in/IPOJournal/Journal/Patent>

Mrs. Dipannita Mondal, published a patent entitled “Cloud Computing-Based Identification of Buried Alive Victims Due to Disasters Using Geosensing and Ground Penetrating Radar”.

(12) PATENT APPLICATION PUBLICATION (21) Application No. 202241042486 A
 (19) INDIA (43) Publication Date: 01/09/2023
 (22) Date of Filing of Application: 24/06/2023 (44) Publication Date: 01/09/2023

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7) Prof. Dipannita Mondal
 Address of Applicant :INDIAN NATIONAL Assistant Professor AIDS Department Dr. D.Y.Patil College Of Engineering and Innovation, Talegaon dipannita.mondal@dypatolief.com Talegaon

For Details visit :
<https://search.ipindia.gov.in/IPOJournal/Journal/Patent>

Cloud Infrastructure (AWS)

Prof. (Dr.) Alpana Adsul, Head Computer Engineering and Prof. Snehal Mangale, Assistant Professor participated one-week National Level Faculty Development Program on “Cloud Infrastructure (AWS)” organized by Ajeenkya D. Y. Patil School of Engineering, Lohegaon in collaboration with Brain O Vision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE) during the period of 21st – 25th August 2023.



Faculty Development Program



Prof. T. Arivanantham, Assistant Professor participated 30-Hours International Faculty Development Program on “Deep Learning for NLP and Computer Vision” organized by Chaitanya Bharathi Institute of Technology (CBIT) in collaboration with ExcelR from 10th – 28th July 2023.



Prof. Sarita Charkha, Assistant Professor, attended online 2nd International Conference on Research Frontiers in Sciences (ICRFS – 2023) organized by G H Raisoni College of Engineering, Nagpur on 21st - 22nd July 2023.



Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering support and contribution to the Web3 and Blockchain session conducted by zbyte at DYPCEOI, Varale on 1st August 2023.



Prof. Snehal Ravindra Mangale and Prof. Vishal Kisan Borate, Assistant Professor have participated in one-week FDP on “Industry 4.0” organized by Department of Computer Science and Engineering, PCETS Nutan College of Engineering & Research, Talegaon, Pune from 2nd – 5th August 2023.



Prof. Sunil Kumar Yadav, Assistant Professor has participated in Online FDP on “Education 4.0 in Higher Education” organized by Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune in association with Computer Society of India Pune chapter held between 31st July to 4th August 2023.



Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering has worked as resource person for the One Week SDP on “Understanding Blockchain Technology and Its Applications” organized by Samarth Group of Institutions College of Engineering, Belhe, Pune between 8th to 12th August 2023.



Mr. T. Arivanantham, Assistant Professor has successfully completed Indian Society for Technical Education (ISTE) approved SF_FTP on “Unlocking the Data Visualization in Power BI” organized by Ajeenkya D Y Patil School of Engineering on 4th to 8th September 2023.



Mr. Vishal Kisan Borate from Department of Computer Engineering, DYP COEI has successfully completed 5-days online Short Term Training Program on “Data Science for Business” organized by department of AI&DS, VIIT, Pune held during 4th to 8th September 2023.



Mr. Vishal Borate from Department of Computer Engineering, DYPCOEI has successfully completed 5-days Faculty Development Program on “Unlocking the Data Visualization in Power BI” organized by Ajeenkya D Y Patil School of Engineering on 4th to 8th September 2023.



Prof. (Dr.) Alpana Adsul, Head, Computer Engineering Dept. successfully completed Microsoft,

SAP & AICTE sponsored FDP “Applied Cloud Computing for Full Stack Web Development” under TechSaksham from 4th – 8th December 2023.



Certificate of FDP on “Applied Cloud Computing for Full Stack Web Development” under TechSaksham from 4th – 8th December 2023.

Full-stack developers are responsible for the user interface (UI), the user experience (UX), and the underlying code that runs the web application. Full-stack developers normally utilize various programming languages and technologies, such as CSS, JavaScript, HTML, Python, Java, PHP, etc. Full-stack web development also includes different web architecture and design principles. There are numerous advantages of using cloud computing and full-stack development together for web applications, which are listed below.

- Decreased Costs, High Agility, Enhanced Security.
- Better Collaboration, Scaling.

Reach Global audience. Experiment with New Ideas.



Prof. T. Arivanantham participated in 10 Hours Faculty Development Program on “Application of Business Analytics” organized by Ramaiah Institute of Technology in Collaboration with ExcelR Edtech Pvt Ltd.



Prof. Vishal Kisan Borate has participated in Webinar on "Academic Integrity and artificial Intelligence with Turnitin software" organized by RMD Sinhgad Technical Institutes Campus, Pune on 17th October 2023

Faculty Paper Publication

1. Dr. Suresh Mali, Dr. Latika Desai and Mrs. Deepali Narwade published paper entitled “Signature Verification using ResNet-50 and Transfer Learning” in IJRAR Volume 10 Issue 4 November 2023.
<http://www.ijrar.org/papers/IJRAR1DEP005>
2. Dr. Alpana Adsul published paper entitled “Advances in Crowd Counting and Density Estimation Using Convolutional Neural Networks” in IJISAE in November 2023.
<https://ijisae.org/index.php/IJISAE/article/view/4010>
3. Dr. Alpana Adsul and Mr. Sunil Kumar Yadav published paper entitled “A Review on the Identification & Sorting of Fruit using Deep Learning” in IJRAR Volume 10 Issue 4 November 2023.
<http://www.ijrar.org/papers/IJRAR1DEP012>
4. Dr. Deepali Sale published paper entitled “Internet of Things and Machine Learning for Weather Prediction” in IJRAR Volume 10 Issue 4 November 2023.
<http://www.ijrar.org/papers/IJRAR1DEP016>
5. Mrs. Snehal Mangale published paper entitled “Building Architecture For Land Classification Using Dataset And CNN Algorithm” in IJRAR Volume 10 Issue 4 November 2023.
<http://www.ijrar.org/papers/IJRAR1DEP022>
6. Mrs. Snehal Mangale published paper entitled “Survey Paper On Green Iot: A Nextgen Technology for Sustainable Development” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP038
7. Mrs. Snehal Mangale published paper entitled “Placement Management System using Machine Learning” in IJRAR Volume 10 Issue 4 November 2023, Date of Publication: 03-November-2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR23D1815
8. Mr. Arivanantham Thangavelu and Mrs. Poonam Deokar published paper entitled “Identify KYC in Telecommunication Industry to find out the Right Customer by Indian Government” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP044
9. Mrs. Poonam Deokar published paper entitled “Survey on Blockchain Technology in Emerging Trends and Realtime Technology Applications” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP037

10. Mr. Santosh Kawade published paper entitled “A Deep Learning Framework for Predicting Cyber Attack Rates Using Real Time Data” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP025
11. Mr. Vishal Borate and Mr. Dnyanesh S. Gaikwad published paper entitled “A Review of Different Crop Health Monitoring and Disease Detection Techniques In Agriculture” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP020
12. Ms. Sherin Kurian, Ms. Diksha R Pawar, Ms. Dipannita D Mondal published paper entitled “Impact of AI in Drug Discovery and Design” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP009
13. Ms. Pratiksha Patil, Mr. Yogesh Nagvekar, Mr. Hari Aiwale published paper entitled “Analyse Effect Of Maintenance And Rehabilitation On Flexible Pavement Using Hdm-4 Model” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP003
14. Ms. Diksha Rahul Pawar, Ms. Renukadevi M, Ms. Rasika Rohit Jadhao published paper entitled “Incorporating Technical Indicators for Enhanced Stock Market Predictions using AI” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP008
15. Ms. Diksha Pawar, Mr. Ram Khandare, Ms. Payal Babar published paper entitled “Facial Emotion Recognition Using Wavelet Transform” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP027
16. Dr. Kavita U. Shinde, Mr. Yash B. Gaikwad, Ms. Supriya B published paper entitled “A Web-based Campus Navigation using QR Code” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP021
17. Mr. Ram N. Khandare, Ms. Supriya B. Raut, Dr. Kavita U. Shinde published paper entitled “Review on Advanced Water Purification System” in IJRAR Volume 10 Issue 4 November 2023.
http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP039
18. Prof. T. Arivanantham, Assistant Professor, presented paper on “**Security and Privacy Enabled Framework for Online Social Networks using Blockchain**” at the **4th International Conference on Electronics and**

Sustainable Communication Systems (ICESC - 2023) organized by Hindusthan Institute of Technology, Coimbatore, India along with IEEE XPLORE during 6th to 8th July 2023, ISBN: 979-8-3503-0008-6.

<https://doi.org/10.1109/ICESC57686.2023.10193119>



Mr. T. Arivanantham,
Assistant Professor, Department
Computer Engineering presented

paper on” Forecasting Employees Churn Analysis using Selected Machine Learning Models”The paper was published at the 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS-2023).

In the context of a business setting, the process of analysing and measuring the rate at which workers leave a company, as well as determining which people are most likely to depart, is referred to as employee churn analytics. This kind of analysis may also be used to anticipate which individuals are most likely to leave.



Certificate of participation at the 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS-2023).

Because of the continuously shifting requirements in many businesses, workers often find themselves in a position to pursue new employment opportunities. Because of this, companies are obligated to look for potential successors who already have the experience and education necessary to properly carry out the tasks that are involved with the role. In the event that a bottleneck occurs, the corporate sector will be required to make extra financial investments in order to return the organization's workday to its previously established pattern of operation. During the course of investigation, the study analysis number of machine learning (ML) algorithms that concentrate on reviewing the history of an employee and evaluating a variety of characteristics in an efficient way.

The purpose of these methods is to determine whether or not the employee will continue working for the firm or will at some point in the future depart the business.



Mr. T. Arivanantham published paper on "Virtual Mouse and Keyboard Based on Human Gestures using Machine Learning" in IRJMETS Volume 05 Issue 11 November 2023.

Virtual Mouse and Keyboard Based on Human Gestures using Machine Learning: Now a day's computer vision has reached its pinnacle, where a computer can identify its owner using a simple program of image processing. In this stage of development, people are using this vision in many aspects of day to day life, like Face Recognition, Color detection, Automatic car, etc. In this project, computer vision is used in creating an Optical mouse and keyboard using hand gestures. The camera of the computer will read the image of different gestures performed by a person's hand and according to the movement of the gestures the Mouse or the cursor of the computer will move, even perform right and left clicks using different gestures. Similarly, the keyboard functions may be used with some different gestures, like using one finger gesture for alphabet select and four-figure gesture to swipe left and right. It will act as a virtual mouse and keyboard with no wire or external devices. The only hardware aspect of the project is a web-

cam and the coding is done on python using Anaconda platform. Here the Convex hull defects are first generated and then using the defect calculations an algorithm is generated and mapping the mouse and keyboard functions with the defects.



Mr. Vishal Borate, Assistant Professor, published paper on "Design of Low- cost Wireless Noise Monitoring Sensor Unit

based on IOT Concept" in a Journal of Emerging Technologies and Innovation Research (JETIR) Volume 10 Issue 12 December 2023.



Prof. Vishal Borate Certificate of participation in Journal of Emerging Technologies and Innovation Research (JETIR) Volume 10 Issue 12 December 2023.

The rapid growth of wireless sensor networks (WSN) in urban areas has created the potential for the development of significant volumes of information data from environmental monitoring systems, with excessive urban noise pollution ranking as one of the most alarming. The low-

cost wireless sensor networks offer a technique for achieving data collecting and analysis with a higher level of granularity than the usual noise mapping procedures, which involve an expensive and time-consuming measuring process using a classic high-priced noise level meter. The Internet of Things (IoT) and the concept of a "smart city" are presented in this study as a framework for a wireless noise sensor unit design for continuous environmental noise level monitoring. The idea includes the entire noise data information system, starting with sensors.

Fire Evacuation System Using IOT & AI:

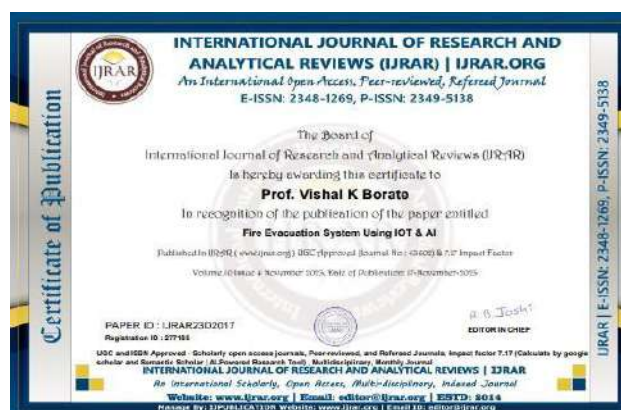
The Internet of Things refers to a network that connects everything through sensors and communication devices, including the connection between objects, people, and objects. Research efforts are looking at technologies that enable objects to communicate with each other and with their users to provide information and/or complete tasks.



Mr. Vishal Borate published paper on “A Novel Approach for Filtration of Spam using NLP” in IJRAR Volume 10 Issue 4 November 2023.

A Novel Approach for Filtration of Spam

using NLP: Email is a crucial tool for business correspondence in the current era of technological communication. As a result, it is now more important than ever to precisely classify emails as either spam or real (ham).



Mr. Vishal Borate published paper on “Fire Evacuation System Using IOT & AI” in IJRAR Volume 10 Issue 4 November 2023.

The problem is not only in selecting the best classifier but also in dealing with poison and impersonation attacks, even though standard methods for spam detection generally rely on text-based or collaborative approaches. Email content analysis is combined with social network and email-related characteristics in our suggested model to provide a powerful spam filtering solution. Header parsing is done on incoming emails to assess the sender's reliability and standing among recipients. The topic of the email is determined using keyword parsing, which makes use of LDA and Gibbs Sampling. The model also takes into account the number and quality of connections people have within social networks.

Expert Session

Energy Saving

Mr. Prakash Parulekar, Director, PP Associates Govt. License Contractor, Energy Management and Safety Audit have around 27 years of experience in Maintenance, Erection / Commissioning of Printing and allied Machines like Packaging, Mailroom, UV System, Automatic Plate Loading, Reel Handling(Aurosys), Ink pumping, Dryer / Chiller, Energy Management and several cost effective solution for printing industries.

Objectives:

- To understand importance of energy conserving in every walk of life.
- To promote the way of process of energy conservation.
- To reduce wasteful energy consumption by using fewer energy services.

Session was inaugurated by welcoming guest Prof. Snehal Mangale, Assistant Professor was host for the program.

Honorable Principal Prof. (Dr.) Suresh Mali welcomes and introduced guest.

Mr. Prakash Parulekar has firstly explained basics of Current, Voltage, Frequency, and Flow of electricity.

He explained how resistance works along with examples of Bulb, Fan, AC.



Honorable Principal Prof. (Dr.) Suresh Mali addressed audience and introduced our guest Mr. Prakash Parulekar, with presence of Prof. (Dr.) Alpana Adsul, Head of Computer Engineering.

Mr. Parulekar briefed on how to reduce electricity bill by several ways. They have shown some surveys of electricity consumptions and respective bills, the practices by which how energy consumption reduced, etc.



Mr. Prakash Parulekar explaining basic concepts of Electricity.



Teaching faculty and BE Final Year students attended the session on 20th July 2023.

He described concept of Power Supply, Voltage Fluctuation, Short Circuit using some real life examples. The session was ended by addressing Questions of students. Expert has responded all the questions with satisfied answers.

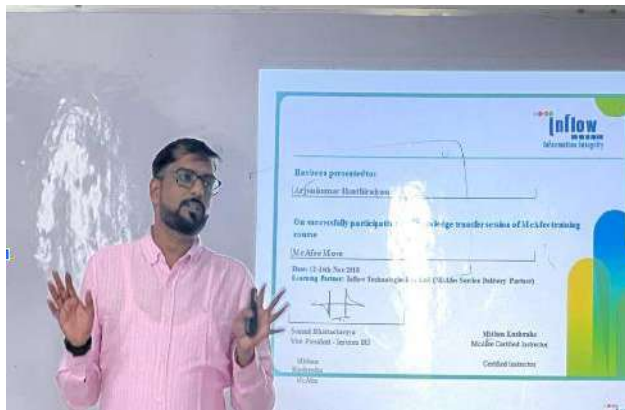
Outcome:

- Students have understood need of energy consumption.
- They came to know several ways of reducing energy usage.

Students have got some ideas for their final year projects in the area of IoT, Cloud, AI, etc.

Cyber Security

Mr. Manish Kumar Singh (Expert) and his coordinator Mr. Prateek Tiwari has taught following concepts to second year computer engineering and AI_DS students:



Mr. Manish Kumar Singh, Inflow Technologies expert session on Cyber Security on 21st August 2023.

- What is Cyber Security?
- How to protect systems, networks, programs, devices, and data from cyber-attacks using technologies, processes, and controls.

- How to reduce cyber-attack risks and preventing unauthorized access to systems, networks, and technologies.
- Hands-on session on Hacking: demonstrated how someone's private information, photos, camera can be get accessed if privacy and security is not properly applied.

Objectives:

- To create awareness of cyber security among students.
- To give demonstration of hacking.
- To motivate students to apply maximum security while using smartphones or social media.



Mr. Manish Kumar Singh, Inflow Technologies delivering session.

Outcome:

- Students became aware of importance of cyber security.
- Students came to know about IKM, Inflow technologies working culture.
- Students learnt strong password creation techniques.

Skill Development Program Expansion

One Day Skill Development Program by Director of Yerramreddy's Go-Green Technologies Pvt. Ltd, SPIT, Mumbai at SPIT-AICTE Idealab and SPTBI Nidhi Prayas Lab on 8th July 2023.

Objectives:

- To provide demonstration of the IDEALAB.
- To provide demonstration of the FABLAB. Equipment's.



DYP COEI Team at Go-Green Technologies Pvt. Ltd, SPIT, Mumbai.



Dr. Y Srinivasa Rao, Coordinator AICTE-IDEALab presented Demonstration of IOT kits.

Mr. Rikesh B. Gandhi explained about IoT-based 3D Printer includes three steps such as 3D modelling software, slicing the model, and the 3D printing process.



Mr. Rikesh B. Gandhi explained about IoT-based 3D Printer.

Dr. Y Srinivasa Rao, Coordinator AICTE-IDEALab presented Demonstration of IOT kits. Types of sensors are used in industry, the output of the sensor is a signal which is converted to a human-readable form like changes in characteristics, changes in resistance, capacitance, impedance, etc. Information about the various project titles, project implementation. Installation and demonstration of IDE to handle the IoT kit. Provides ESP-32 CPU features.



Certificate distribution of Skill Development Program by Dr. Y Srinivasa Rao, Coordinator AICTE – IDEALab.

Outcome:

To gather information about the IDEALAB.

To collect information about the FABLAB Equipment's.

International Conference on Innovative Research Practices and Intelligent Systems – 2023

ICIRPIS - 2023

This International Conference on Innovative Research Practices and Intelligent Systems (ICIRPIS) - 2023 started at 10:00am to 5:00pm on both 26th and 27th September 2023. In this Event faculties and students of BE participated and presented their Research Papers. Students of TE and BE attended the event. Prof. (Dr.) Alpana Adsul, Head, Department Computer Engineering was Conference Chair, Prof. Sunil Kumar Yadav and Prof. Snehal Mangale were the Conference Coordinators.

Day - 1 (26th September 2023)

Program Started at 10:00 am Prof. Sunil Yadav, hosted the event welcomed all dignitaries and students. He invited dignitaries for the Saraswati poojan after that Prof. (Dr.) Suresh Mali, Principal, DYPCOEI, Varale addressed the Audience.

Conference online meeting started and our guest Dr. Sayan Chakraborty took a session. After that the paper presentation started in both online and offline mode.

Objectives:

- The primary goal of ICIRPIS - 2023 is to provide an engaging platform and immersive learning experience.
- to diverse audience in order to help shape the future of the fields of science, technology, and engineering.



International Conference ICIRPIS - 2023 Proceeding inaugurated by Prof. (Dr.) Suresh Mali, Principal, Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering, Prof. (Dr.) Latika Desai, Head, AI_DS, Prof. Dipannita Mondal, Head, Department of First Year Engineering, Dr. Deepali Sale, Dean Students' Welfare of DYPCOEI, Varale.



Prof. (Dr.) Suresh Mali, Principal, DYPCOEI, Varale addressed the Audience.

Online Session: Prof. (Dr.) Suresh Mali and Prof. (Dr.) Latika Desai was the Session Chair.

Offline Session: Prof. (Dr.) Alpana Adsul and Dr. Deepali Sale was the Session Chair.



International Conference (ICIRPIS) - 2023 guest Dr. Sayan Chakraborty took a session on 26th September 2023.



Prof. (Dr.) Suresh Mali, Principal, DYPCOEI, Varale keynotes addressing on ICIRPIS – 2023.



Prof. Sherin Kurian and their team members presented paper offline on ICIRPIS - 2023.



International Conference team along with paper presenters on 26th September 2023.



Prof. T. Arivanantham and Prof. Poonam Deokar presented paper offline on 26th September 2023.

International Conference ICIRPIS – 2023 on 1st Day total 124 participants are attended.

Number of Students Attended: 80

Number of Faculties Attended: 20

Number of Participant: 24

Total Paper Presented on Day – 1: 20

Day - 2 (27th September 2023)

Program Started at 10:00am Prof. Sunil Yadav hosted the event welcomed all the participants and students. Prof. (Dr.) Suresh Mali, Principal a Session for Guiding Participants about Research Paper Presentation.

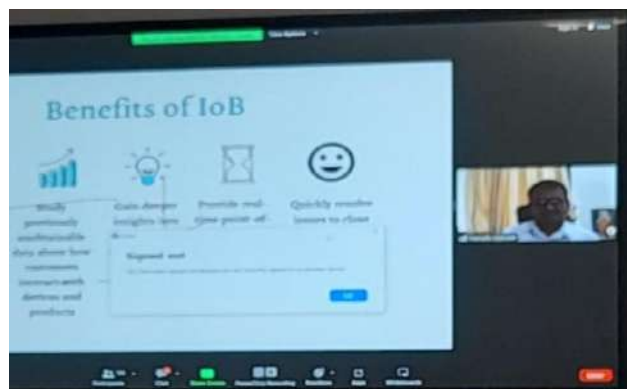


Final year students ICIRPIS – 2023 paper presentation on 26th September 2023.



Prof. (Dr.) Suresh Mali, Principal, DYPCOEI, Varale guiding participants about research paper on 27th September 2023.

Then an online meeting started and our guest Dr. Parikshit Mahalle took a session.



International Conference (ICIRPIS) - 2023 guest Dr. Parikshit Mahalle, Dean R&D VIIT, Pune took a session on “Internet of Behavior (IoB)” on 27th September 2023.

After guest session the paper presentation sessions started online and offline Mode.

Online Session: Prof. (Dr.) Suresh Mali, Principal DYPCOEIm, Prof. (Dr.) Alpana Adsul, Head of Computer Engineering, Prof. Ravindra Y. Daspute, Head of Mechanical Engineering and Prof. Yogesh D. Nagvekar, Head of Civil Engineering was Session Chair.

Offline Session: Prof. (Dr.) Latika Desai and Dr. Deepali Sale was Session Chair.



Prof. Sunil Yadav and their team members presented paper offline on 27th September 2023 in ICIRPIS - 2023.



Prof. Ram Khandare and their team members presented paper offline on 27th September 2023.

International Conference ICIRPIS – 2023 on 2nd Day total 144 participants are attended.

Number of Students Attended: 80

Number of Faculties Attended: 20

Number of Participant: 44

Total Paper Presented on Day – 2: 23

The ICIRPIS-2023 Organizing Committee extends its deepest thanks to the partners who made this gathering possible especially the International Journal of Research and Analytical Reviews (IJRAR), Honourable. Dr. Sushant Patil, President DYPEF and Honourable. Mrs. Anuja Patil, Secretary DYPEF also thanks the participants and students who shared their ongoing research, work with communities, and commitments to communities, conservation and management of DYPCOEI.

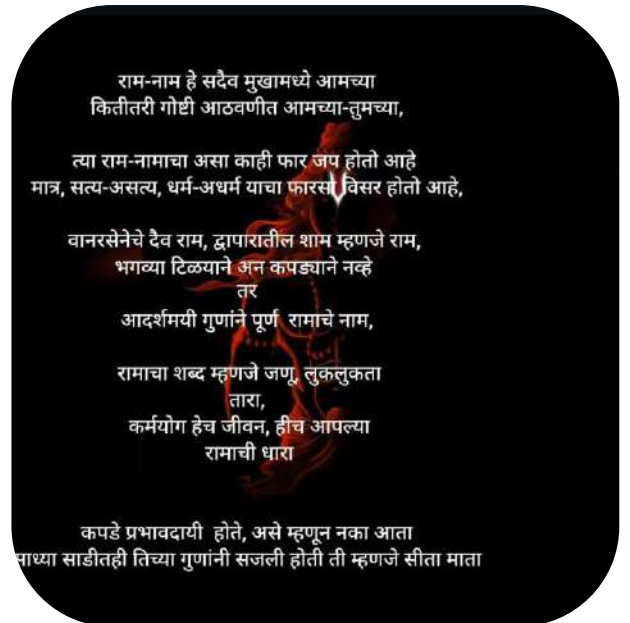


ICIRPIS-2023 Publication and Certificate distributed to all the presented.

Student Gallery
Student's Talent



Student Name: Sreeparvati Pradeep Nambiar
Class: SE (Computer Engineering)



Student Name: Ingale Rutuja Annasaheb
Class: SE (Computer Engineering)

