

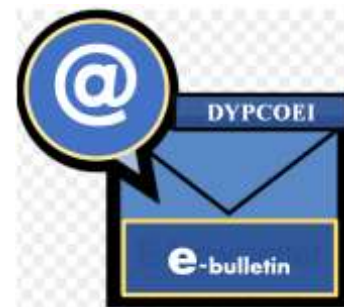


e-bulletin

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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

Patent



(12) PATENT APPLICATION PUBLICATION (21) Application No.202341042486 A
(19) INDIA
(22) Date of filing of Application :24/06/2023 (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

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@dypatilef.com Talegaon -----

Prof. Dipannita Mondal, Head, Department of First Year Engineering, published a patent entitled “CLOUD COMPUTING-BASED IDENTIFICATION OF BURIED ALIVE VICTIMS DUE TO DISASTERS USING GEOSENSING AND GROUND PENETRATING RADAR”.

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



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



Prof. (Dr.) Latika Desai, Head, Department of AI_DS contribution as a course coordinator in design curriculum of “Audit Course 7” of B. E (AI_DS) – 2020 Course, under the Board of Studies (Computer Engineering), faculty of Science and Technology of Savitribai Phule Pune University on August 2023.



Prof. Sunil Kumar Yadav from Dr. D. Y. Patil College of Engineering and Innovation, Varale 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. Snehal Ravindra Mangale and Prof. Vishal Kisan Borate, Assistant Professor from Department of Computer Engineering, Dr. D. Y. Patil College of Engineering and Innovation, Varale have participated in one-week Faculty Development Program 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. (Dr.) Alpana Adsul, Head, Department of Computer Engineering has worked as resource person for the One Week Skill Development Program on "Understanding Blockchain Technology and Its Applications" organized by Samarth Group of Institutions College of Engineering, Belhe. Pune between 8th to 12th August 2023.



Prof. Nagvekar Yogesh as Master Trainer under "YOUTH ENGAGEMENT AND WATER STEWARDSHIP 2023-2025" (JOINT PROGRAM OF HTED AND UNICEF) Training Program of Green Club Faculty Coordinators of Pune District" organized by Government Polytechnic, Pune on 19th August 2023.

Prof. (Dr.) Alpana Adsul, Head, Department of 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.



EBSCO App Training

Exploration

Mr. Gaurav Vinayak Date, Training Manager, EBSCO has taught Quality Content & Leading Technology from research and acquisition management to subscription services, discovery and analytics.

EBSCO provides academic institutions with essential content and resources to ensure success for students, faculty and staff.

EBSCO service is an all-inclusive search solution that makes in-depth research easy. The platform offers sophisticated features that anticipate user intent, helping them get to exactly what they are looking for quickly and easily.



Mr. Gaurav Vinayak Date briefly explaining about EBSCO app and its usage.

Objectives:

- How to install and create EBSCO account?
- How to search E-Journals in EBSCO app?

- How to store and download Journal and Conference papers?



Mr. Gaurav Vinayak Date with DYPCOEI students and faculties of DYPCOEI, Varale.



Mr. Gaurav Vinayak Date and Faculty of DYPCOEI on 2nd August 2023.

Output:

- Students and Faculties got strong knowledge about EBSCO app and its utilization.
- E-Journal and conference papers access by simple steps.

Overseas Opportunities in Higher Education

Higher Education

Department of AI_Ds organized an expert session Mr. Yash Kothari provided information on Higher Education Opportunities in Overseas to TE AIDS and Computer engineering students on 9th August 2023.



Expert Session on “Higher Education Opportunities in Overseas” Speakers: Mr. Yash Kothari (Senior Counsellor, Study Smart Overseas Education & IELTS Training, Pune) Day & on 09th August 2023 Time: 11:30 AM Onwards.

Objectives:

- Benefits of Studying abroad.
- Process of study abroad and scholarships.
- Information on education loans financials assistance & scholarships.



Mr. Yash Kothari explaining about overseas opportunities.

Outcome:

- Students got different opportunities available to study abroad.
- Students got information regarding how to avail the scholarship for study abroad.

Inauguration of RI2C Lab Opening Ceremony



Research, Innovation and Incubation Center (RI2C) Lab Inauguration Invitation on 12th August 2023.



Inauguration of Research Innovation and Incubation Center Laboratory by Dr. Y. S. Rao, Founder Go Green Technologies on 12th August 2023.

ESP-32 Based Mobile Embedded & IoT Application Session Progress Program

Dr. D. Y. Patil College of Engineering and Innovation, Varale organized Faculty Development Program along with Dr. Y. S. Rao, Founder Go Green Technologies.



Dr. Y. S. Rao session on "ESP-32 Based Mobile Embedded and IoT Application".

Dr. Y. S. Rao given brief introduction about ESP-32, it performs as a complete standalone system or as a slave device to a host MCU, reducing communication stack overhead on the main application processor. ESP-32 interface with other systems to provide Wi-Fi and Bluetooth functionality through its SOI / SDIO or I²C / UART interfaces. Internet-enabled devices to communicate effectively there is a need for special software solutions. An IoT mobile app is software that integrates data and serves as the touchpoint that makes IoT accessible to users in simple terms, it provides the interface through which we can control and monitor smart devices. The session was hands-on training.



Hands-on session by Dr. Y. S. Rao on 12th August 2023.

Output:

- Students became aware of ESP-32.
- Students came to know about Mobile Embedded IoT applications.



Dr. Y. S. Rao, Prof. (Dr.) Suresh Mali, Prof. (Dr.) Alpina Adsul, Prof. (Dr.) Latika Desai along with Dr. D. Y. Patil College of Engineering and Innovation, Varale faculties and students.

77th Independence Day Celebration

Honorable Shri. Vijayshri Patil, Trustee, DYPEF invited as Chief guest on the occasion of 77th Independence Day celebration.



Flag Hosting ceremony by Honorable Shri. Vijayshri Patil, Trustee, DYPEF.



Honorable Shri. Vijayshri Patil, Trustee, DYPEF releasing tri color balloons.



Cyber Security awareness drama played by DYPCOEI students.



Dance performance by DYPCOEI students.

Expert Session

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.
- Information about IKM & McAfee Certification.
- 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 became aware of McAfee certification, and applied for the same.

Value Added Program

Importance of Technical Knowledge

Mr. Pravin Gaikwad, Giris Techhub has taught to second year engineering students:

Objectives:

- To train students for writing C programs.
- To train students for aptitude test.
- To guide students for solving complex problems of aptitude test.

Outcome:

- Students have learned how to declare and initialize pointers.
- Students have learned types and sizes of pointers.
- Also, they understood how to write C program using pointers.



Hands-on program on Programming Language on 25th August 2023.

Aptitude Session

Ability

Aptitude (Test on ratio and proportion, profit and loss & time and work) by Mr. Akshay thought to TE engineering students as below;

- During Session he discussed ratio and proportion.
- Explained shortcut formula to solve complicated profit and loss problems.



Mr. Akshay aptitude session for TE students.

Objectives:

- How to test on ratio and proportion?
- What is the formula for profit and loss?
- How to solve ration and proportion?

Outcome:

- Students got strong knowledge of ratio and proportion & profit and loss.
- Students acquired time and work calculation.

Mock Training Session

Quick Heal Foundation's

Quick Heal Foundation's Mock Training session conducted by Ms. Gayatri & Ms. Mrunal on 21st August 2023.



Quick Heal Foundation Team Ms. Gayatri & Ms. Mrunal, Prof. (Dr.) Alpina Adsul, Head, Department of Computer Engineering along with training selected students for Cyber Shiksha and Cyber Suraksha.

They conducted online test and finally shortlisted 24 (19 Comp + 5 AI_DS) students for Cyber Shiksha for Cyber Suraksha to train awareness about Cybercrime in Talegaon area people.

Industry Expert Session

Web Essentials and Mark-up Languages

Dr. Latika Desai Head AI_Ds organized an expert session by Mr. Vaibhav Muddebhalkar, Senior QA Engineer from Tibco Software, Pune has taught Web Essentials and Mark-up Languages for AI-DS third year students on 22nd August 2023.

Objectives:

- What is a web markup language?
- What are the 4 markup languages?
- What are web Essentials?
- Why HTML is important?



Mr. Vaibhav Muddebhalkar, Senior QA Engineer, Tibco Software, Pune, Web Essentials and Mark-up Language session on 22nd August 2023.

Outcome:

- Students got strong knowledge of HTML and Web Essentials.
- Students learnt importance of Mark-up language utilization and importance.

Database Skills and Career Trends

Dr. Latika Desai Head AI_Ds organized an expert session by Dr. Abhijit Jadhav, Assistant Professor,

PCCOER, Ravet has taught Database Systems for AI-DS third year students on 23rd August 2023.

Objectives:

- What is a DBMS?
- What are types of DBMS?
- What is SQL?
- What are the latest tools used for DBMS in the industry?



Dr. Abhijit Jadhav, Assistant Professor, PCCOER, Ravet, Database Skills and Career Trends session on 23rd August 2023.

Outcome:

- Students got strong knowledge of DBMS and SQL.
- Students learnt importance of latest tools used in industry in the field of Database.

Fundamentals of Data Structures

Dr. Latika Desai Head AI_Ds organized an expert session by Ms. Vidya Patil, Assistant Professor, DIT, Pune has taught Fundamentals of Data Structures for AI-DS second year students on 23rd August 2023.

Objectives:

- What is a Data Structures and Problem Solving?
- What are different Algorithmic Strategies?
- What is Algorithm and Asymptotic Notation?
- What are the design tools used for Algorithm?



Ms. Vidya Patil, Assistant Professor, DIT, Pune, Fundamentals of Data Structures session on 23rd August 2023.

Outcome:

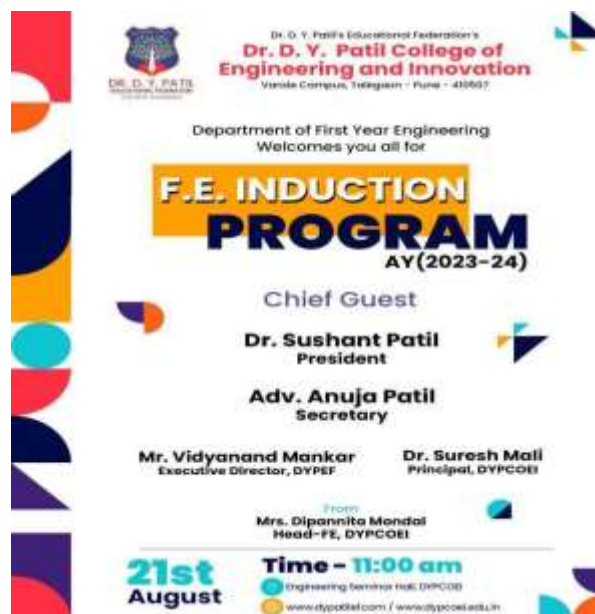
- Students got strong knowledge of Data Structures and Algorithms.

- Students learnt importance of Algorithmic Strategies and Asymptotic Notations.

F. E Induction Program

Orientation

This year's induction program for the First - Year Engineering students was organized by Dr. D. Y. Patil College of Engineering and Innovation, Varale from 21st - 26th August 2023. The students along with their parents reported to the college on 21st August 2023. All the students were on boarded comfortably. The Department had arranged all the required facilities for the students staying near and far. Hostel arrangements were provided to the students the same day, and all were set for their college life which indeed did begin on a high note.



Inauguration poster for F.E. Induction Program A. Y (2023-24).

The induction program was inaugurated by Honorable Adv. Anuja Patil Madam, Secretary Dr. D. Y. Patil Educational Federation, Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering, Prof. (Dr.) Latika Desai, Head, Department of Artificial Intelligence and Data Science, Prof. Ravindra Daspute, CEO, Dean Academics and Head, Department of Mechanical Engineering, Prof. Yogesh Nagvekar, Dean Research and Head, Department of Civil Engineering, Prof. Dipannita Mondal, Head, Department of First Year Engineering, Dr. Deepali Sale, Dean Student Welfare and Mr. Dattatray Ranawade, Register which paved the way off to a grand start to the induction program.

Day – 1 (21st August 2023)



Lighting of the lamp by Prof. (Dr.) Alpana Adsul, Head Department of Computer Engineering.

The lighting of the lamp was followed by the Welcome Address by Prof. Dipannita Mondal, Head, Department of First Year Engineering. After that, a presentation was

conducted by Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering due to which students were able to clearly understand the scope and bright future which Dr. D. Y. Patil College of Engineering and Innovation crafts for them.



Dignitaries on the Dias with Honorable Adv. Mrs. Anuja Patil, Secretary, DYPEF at the First Year Induction Program 2023 - 24 on 21st August 2023.



Dignitaries Introduction by Prof. Sherin Kurian.

This was followed by a presentation by Prof. (Dr.) Latika Desai, Head, Department of Artificial Intelligence and Data Science which helped the students understand the importance of the branch they have selected. Post that the University

Curriculum and Examination Pattern were explained by Prof. Ravindra Daspute, CEO, Dean Academics and Head, Department of Mechanical Engineering which was followed by the presentation by Prof. Yogesh Nagvekar, Dean Research and Head, Department of Civil Engineering which was a great platform for the students about the students welfare activities conducted in DYPCOEI. Ms. Neha Jadhav, student of SE shared her experience with the juniors. After the lunch break student reporting was done. It was then time to call it off for the day.

Day – 2 (22st August 2023)

It was then time to kick off Day 2 as the students arrived well in time; to start the event Mr. Naman Gupta, Product Marketing Professional, zbyte conducted a session on Web3.0.



Felicitations of Mr. Naman Gupta, Product Marketing Professional, zbyte by Prof. Dipannita Modal, Head First Year Engineering along with Mr. Rahul Mishra, TPO on 22nd August 2023.

He shared his profound knowledge with the students which inspired each one of them to set their goals for the existing career opportunities in the society. He explained the importance of Blockchain and Web 3.0, the benefits of Web 3.0 and Cryptocurrency, and how it relates with Web 3.0.



Department Presentation by Prof. (Dr.) Alpana Adsul, Head Department of Computer Engineering.



Department Presentation by Prof. (Dr.) Latika Desai, Head Department of Artificial Intelligence and Data Science.

The students then were given an hour's break. Post the break a session was conducted by Prof.

(Dr.) Alpana Adsul, Head Department of Computer Engineering which was followed by session by Prof. (Dr.) Latika Desai, Head Department of Artificial Intelligence and Data Science to end the day fun events like Housie were organised for the students.

Day – 3 (23rd August 2023)

Computer Engineering To start day 3 of the Induction program began with brief introduction of Mr. Akhilesh Darbhe, Director, L²IT Infotech Ltd. The session begins with an introduction to the concept of spirituality, which can encompass various beliefs, practices, and perspectives. This may include discussions on different spiritual traditions, mindfulness, meditation, or the search for meaning and purpose.



Felicitatation of Mr. Akhilesh Darbhe, Director, L²IT Infotech Ltd by Prof. Dipannita Modal, Head First Year Engineering on 23rd August 2023.

The expert discusses how to balance their material and spiritual needs. This can involve discussions on work-life balance, financial responsibility, and the pursuit of personal and spiritual growth.

After this, a session was conducted on Inner Potential Outer Dynamism (IPOD) by Mr. Sachin Panase. The speaker in his session explained in brief the importance of Inner Potential Outer Dynamism, the benefits of IPOD that is improve strength and flexibility, and tricks to improve mental and physical strength.



Felicitatation of Mr. Sachine Panase by Prof. (Dr.) Suresh Mali, Principal DYPCOEI on 23rd August 2023.

To end the day fun events were organised for the students which was followed by session by Prof. (Dr.) Lattika Desai, Head Department of Artificial Intelligence and Data Science To end the day fun events like Housie were organised for the students.

Day – 4 (24th August 2023)

It was then time to kick off Day 3 as the students arrived well in time; to start the expert session on stress management and personality development through Sahajyoga meditation. Mr. Ganesh Mali from Sahaja Yoga Meditation conducted the session and provides a holistic approach to stress management and personality development that has gained recognition for its effectiveness in promoting mental, emotional, and physical well-being.



First Year Engineering students doing Stress Management activity session with Mr. Ganesh Mali on 24th August 2023.

Also explain the importance of Meditation for engineering students in stress management and personality development.

After Post lunch Prof. Ram Khandare conducted games like musical chairs, and housie for students.

Day – 5 (25th August 2023)

The final day we had lots of things for students. The first session was conducted by Mr. Gaurav Date, Training Manager from EBSCO. The session started with EBSCO software introduction, and provided training to students on EBSCO software.



Mr. Gaurav Date, Training Manager from EBSCO explaining about EBSCO software to First Year Engineering students.

The second session of the day is on “entrepreneurship and its impact on social life” conducted by Mr. Santosh Phad, Social Entrepreneur and founder of Think Sharp Foundation. The Post lunch expert session is conducted by Mr. Sarvesh Dhumal, HR, Manager, MRL Logistics. The Expert provides training to students on etiquette, grooming, body language and Discipline so students can perform well in their career.

Varies activities were organized by First Year Engineering department on Induction Program.



First Year Engineering students playing Musical Chair.



First Year Engineering students playing Carrom.



First Year Engineering students playing Chess.



First Year Engineering students playing Catch the stick.

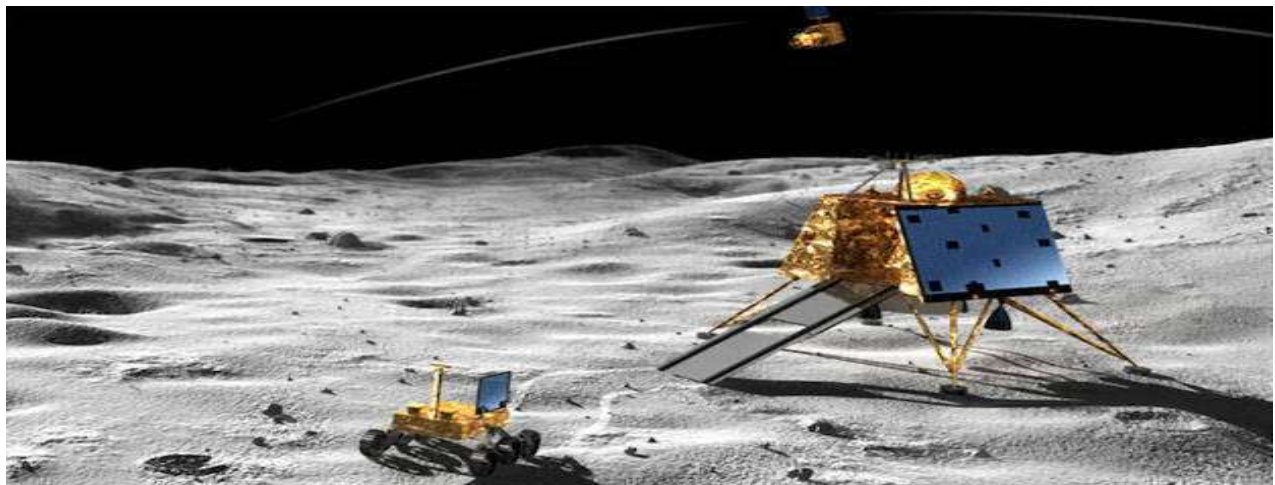


Token of Love by DYPCOEI, Varale



Token of Love by DYPCOEI, Varale

Quotes of the Month



Education was not merely a means for earning a living or an instrument for the acquisition of wealth. It was an initiation into the life of spirit, a training of the human soul in the pursuit of truth and the practice of virtue.

— *Vijaya Lakshmi Pandit* —