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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.

Memorandum of Understanding

Tie Up with industries

Dr. D. Y. Patil College of Engineering and Innovation, Varale made a Tie Up with DADB India Pvt. Ltd. on 30th November 2023.



MoU signed between DYPCOEI, Varale and DADB India Pvt Ltd, Mumbai on 30th November 2023.

DADB – Deutsche Akademie für Digitale Bildung or German Academy of Digital Education – is an academy working to digitalize higher education, where Germany enjoys an unparalleled global reputation, especially in engineering. All courses are fully translated into English, with additional languages to come in the future. We want to make complex, challenging content and expertise internationally accessible – content that is drawn from engineering, research and development, expertise from German industry. DADB's programmes combine academic teaching excellence with insights into industrial research

and development that is “Made In Germany”. Indo German University Collaboration MoU for IoT internship for third year Comp and AIDS students going to start in Jan 2024.



Indo German University Collaboration MoU for IoT Internship for third year Computer and AIDS Students.

Student Achievement

Acquire

Kiran Girls Scholarship - Persistent Systems

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 to prepare for employment in the field.



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

Kiran Girls scholarship mentoring sessions help them experience the corporate environment and improve their technical capabilities and soft skills. This helps to reduce their anxiety during interviews and when they start working.



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, Prof. (Dr.) Alpna Adsul.

Sessions on strengthening PowerPoint abilities, programming skills, career guidance, and job preparedness were held as part of the group mentorship program.

NPTEL-AICTE Certificate Achievement

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

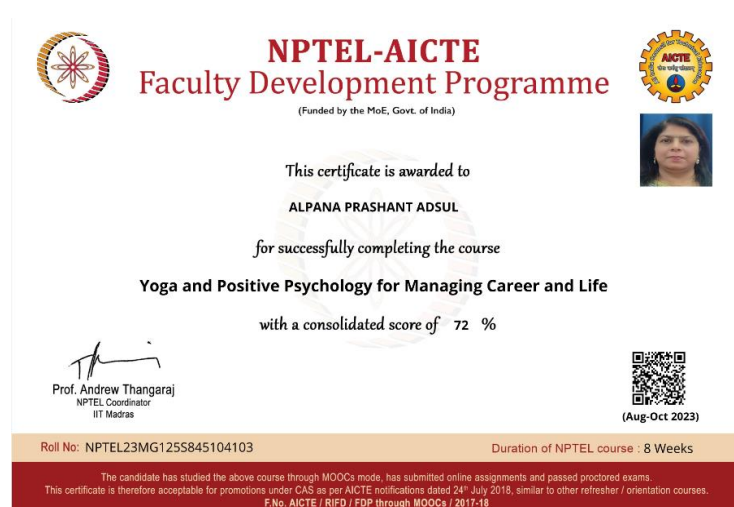
Miss. Dawale Sakshi Rahul, Miss. Waware Tanuja Maruti, Miss. Gholap Trupti Subhash were received Elite certificate from NPTEL-AICTE 12 weeks course in the academic year 2023-24.



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

Faculty Achievement

Progress



Prof. (Dr.) Alpana Adsul received Elite Certificate by NPTEL-AICTE 8 weeks Faculty Development Program.

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.



Prof. Vishal Kisan Borate has participated in Webinar on "Academic Integrity and artificial Intelligence with Turnitin software" organized by RMD Sinhgad Technical Institutes Campus Warje, 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 Volume 10 Issue 11 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 lot: 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, Mrs. 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 Aiwaale 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. Mrs. Diksha Rahul Pawar, Ms. Renukadevi M, Mrs. 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. Mrs. 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

Industry Linkages

Technical Connect

Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering, Prof. Anita Shinkar, Assistant Professor, Mr. Rahul Misra, TPO and BE students visited Zensar Technologies campus for technical connect program on 6th November 2023.



Prof. (Dr.) Alpana Adsul, Prof. Anita Shinkar, Mr. Rahul Misra and students with Mr. Gururaja (ESD Program Head, Zensar Pune) on 6th November 2023.

Zensar Technologies, Pune under ESD (Employability Skill Development) had conducted

training programs for TE Computer students such as Aptitude, PL-SQL, Core Java, Python. Our 78 students benefitted during this training programme. Students got prepared for the technical round for training and placement.

Zensar also had conducted FDP for faculty on teaching methodologies. Faculty members (Mrs. Anita Shinkar, Mrs. Mayuri Ghadge) benefitted during FDP.

To extend ESD activity Zensar invited faculty members and benefited students to the campus. Hence on Monday 6th November 2023, Dr. Alpana Adsul (HOD-Comp), Mr. Rahul Mishra (TPO), Prof. Anita Shinkar, along with Final Year students Anmol Pawar and Sujal Pagar visited, Zensar Technologies Campus, Kharadi, Pune.



Zensar's Foreign delegates (Mr. Mike Abel Global Service delivery, IT) and Arvind Singh (IT site Manager, IT) discussing with Computer Engineering students

During this visit BE students Anmol Pawar and Sujal Pagar very well presented their introduction and explained how ESD training is benefitted during placement activity. Our students

represented on behalf of all Zensar ESD trained students.



Dr. Alpana Adsul presented current practices in teaching methodologies in engineering colleges and also how industry training helps students to get aware recent trends and culture of IT industry.

INDIA TECH Talent League – 23 (ITTL-23)

Representing

ITTL'23: A ground breaking multicity rendezvous of thought leaders and industry experts from academia and skilling companies delve into the profound Impact of Automation & AI on the Talent Ecosystem. Dialogues, idea exchanges, and the

creation of robust connections that will shape the future of tech innovation.



Mr. Rahul Misra, TPO and Mr. Siddhi Sunil Jadhav represented DYPCOEI, Varale in INDIA TECH Talent League – 23 at Hyatt Recency, Pune on 22nd November 2023.

Panel Discussion 1: Disruption to Innovation: How AI and Automation Are Reshaping Talent Management.

AI and automation are revolutionizing industries by optimizing tasks, lowering costs, and facilitating swift, accurate decision-making. They are now not merely tools for increasing efficiency or replacing human labor, these advancements are transforming traditional roles and fostering strategic alliances between technology and talent. Businesses must adapt their talent management strategies to thrive in this era of digital disruption. This panel discussion will delve into how AI and automation are redefining talent management, enabling smarter business decisions, and unveiling unprecedented growth opportunities.

Panel Discussion 2: Future of Education & Employability in the AI & Automation Era.

The symbiotic relationship between technological advancement and education is crucial, as it shapes the necessary skills and competencies fostering innovation and the creation of a desirable technological future.

While AI has revolutionized various sectors globally, education remains largely unaffected despite being the second-largest sector. There exists a significant lag between education and technology, with changing job nature putting employability at risk.

The rapid evolution of automation and AI leaves little time for governments, businesses, and educational institutions to adapt. Thus, the urgency to devise strategies predicting future job-market trends relating to automation and AI in education is paramount.

This panel discussion aims to pinpoint crucial steps to secure the future of education in the dynamic landscape of automation and AI.

It focuses on bridging the gap between education and technology, thereby fostering employability and equal opportunities across the talent landscape.

Panel Discussion 3: Developing the In-Demand Skills for Future of Work.

The dynamic nature of today's job market underscores the importance of continuous learning and skill development.

As technology advances and artificial intelligence and automation disrupt traditional job roles, the necessity for comprehensive and adaptable skills-building programs is paramount.

Notably, experts suggest that 85% of jobs that will exist in 2030 are currently unknown. Our upcoming panel discussion aims to address critical questions that arise from these realities, such as:

- Can a skilled workforce maintain pace with AI and Automation?
- Will current learning structures evolve to meet the changing skill demands and future workplace expectations?
- Can we anticipate the emergence of new skilling programs for developing future in-demand skills?
- How prepared are we to equip a significant population with the skills needed for future job roles?

WEB3CAMP

Proficient

GirlScript is working to change lives by imparting tech education and relevant skills. GirlScript is the fastest growing tech-community in India. It is a non-profit project brought to you by GirlScript Foundation to help beginners in technology. GirlScript started as a project which has been selected by Mozilla under Open Leadership program out of 51 open-source projects worldwide.



GIRLSCRIT.TECH Session WEB3CAMP at DYPCOEI campus on 23rd and 24th November 2023.

The main motto of GirlScript is not only to encourage gender equality in the technology sector but also to help all the beginner in technology who are clueless at the starting phase of their education. Girlsrit not only train them but also let them know about various national and international events, speaking opportunities, scholarship, and fellowships.



WEB3CAMP session by Mr. Mayur Choughule founder and CEO, Visrata Labs, Ms. Anubha Maneshwar, Founder GIRLSCRIT, Mr. Mohit, Citi Head Pune GIRLSCRIT on 23rd and 24th November 2023.

GirlScript started in 2017 and in one year of its establishment, it has won "BEST EDUCATIONAL START-UP" AWARD. GirlScript is a section 8 company and in one year of establishment it has reached in 32 cities of India, it has taught more than 3000+ students around and has taken more than 25+ workshops.

Expert Session

Proficient

Current Trends and Career Opportunities in Artificial Intelligence & Data Science

Prof. Mahesh Patil, Assistant Professor, PVG College of Engineering, Nashik has taught to second year engineering students Current Trends in Artificial Intelligence and Data Science, Career Opportunities in Artificial Intelligence and Data

Science, how to find right domain with the related stream, Opportunities in IT sectors for AI-DS students and Career growth and benefits in Artificial Intelligence and Data Science.



Prof. Mahesh Patil delivering session on “Current Trends and Career Opportunities in Artificial Intelligence & Data Science” on 8th November 2023.

Students got information of latest trends in AI-DS stream and students understood the Career opportunities after engineering in Artificial Intelligence and Data Science.

Diwali Celebration – 2023

Merriment

Heartfelt Thanks to Honorable. Dr. Sushant Patil, President, DYPEF and Honorable. Adv. Mrs. Anuja Patil, Secretary, DYPEF for precious gift on the occasion of Maharashtra’s biggest and most important Diwali festival.



Diwali Gift by Honorable. Dr. Sushant Patil, President, DYPEF and Honorable Adv. Mrs. Anuja Patil, Secretary, DYPEF

On occasion of Diwali the DYPCOEI campus was decorated with full of lights, rangoli on the lawn, decorated with flowers and light it with divas.



DYPCOEI Campus Rangoli on the lawn.

Social Corner

Shelter

The students and the faculty from the Dr. D. Y. Patil College of Engineering and Innovation, Varale visited Caring Hands Orphanage, Maval, Pune on Saturday 9th November 2023.



Welcoming all the DYPCOEI team by one of the kids.

The children of orphanage were very pleasantly excited to receive the members of our entire team. The volunteers of our team greeted the students with great enthusiasm. There was a lovely smile on the faces of orphanage children and they were very happy to meet us.



Our team interaction with orphanage kids on 9th November 2023.

After a short introduction of ourselves our students had a conversation with kids.

Thereafter, our students conducted computer awareness programme to make them aware about

computers. Students distributed the gifts, sweets and other useful items for their daily needs.



Students distributed the gifts & sweets.

It was indeed a very satisfying experience for the students as they could bring smiles on children's faces however for a brief period. Students realized that one must contribute and understand his/ her social responsibility towards the society.



DYPCOEI Faculty and Students Team at Caring Hands Orphanage, Maval, Pune on 9th November 2023.

Quotes of the Month

