

**Dr. D. Y. Patil**  
**Founder, Dr. D. Y. Patil Group**

**Dr.SushantPatil**  
**President, DYPEF**

**Dr. Suresh Mali**  
**Principal, DYPCOEI**

## **Department of Computer Engineering**

### **November Month Report:**

#### **Student Achievement**

##### **Kiran Girls Scholarship - Persistent Systems**

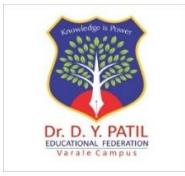
Persistent Systems has been donating 1% of its profits towards social causes since 1995. The Persistent Foundation was established in 2009 to expand the vision and define the scope of Corporate Social Responsibility. Health, Education and Community Development are the areas of work and Pune, Nagpur,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





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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 DYP COEI Prof. (Dr.) Alpana Adsul, HOD Computer Engineering.

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

**NPTEL-AICTE Certificate**

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

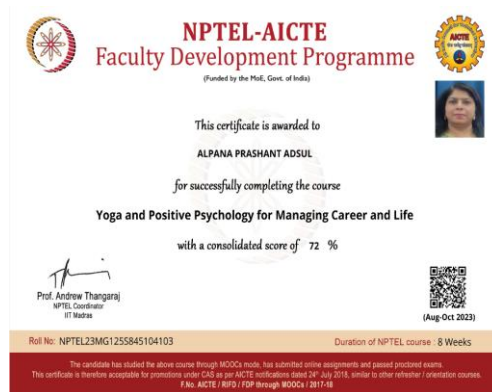
Miss. Dawale Sakshi Rahul, Miss. Waware Tanuja Maruti, Miss. Gholap Trupti Subhash were received Elite certificate from NPTEL-AICTE 12 weeks course in the academic year 2023-24.



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



## Faculty Achievement



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

Prof. (Dr.) Alpna 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.



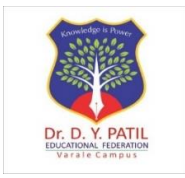
**Prof. Vishal Kisan Borate has participated in Webinar on "Academic Integrity and artificial Intelligence with Turnitin software" organized by RMD Sinhgad Technical Institutes Campus Warje, Pune on 17<sup>th</sup> October 2023.**

## Faculty Paper Publication

1. Dr. Alpna 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>





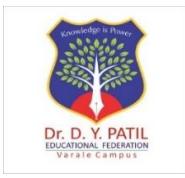
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2. Dr. Alpana Adsul and Mr. Sunil Kumar Yadav published paper entitled “A Review on the Identification & Sorting of Fruit using Deep Learning” in IJRAR Volume 10 Issue 4 November 2023. <http://www.ijrar.org/papers/IJRAR1DEP012>
3. Dr. Deepali Sale 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>
4. 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>
5. 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](http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP038)
6. 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](http://ijrar.org/viewfull.php?&p_id=IJRAR23D1815)
7. 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](http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP044)
8. 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](http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP037)
9. 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](http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP025)





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10. 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](http://ijrar.org/viewfull.php?&p_id=IJRAR1DEP020)

### Industry Linkages

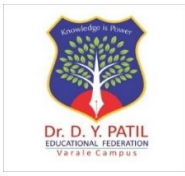
Prof. (Dr.) Alpana Adsul, Head, Department of Computer Engineering, Prof. Anita Shinkar, Assistant Professor, Mr. Rahul Misra, TPO and BE students visited Zensar Technologies campus for technical connect program on 6<sup>th</sup> November 2023.



**Prof. (Dr.) Alpana Adsul, Prof. Anita Shinkar, Mr. Rahul Misra and students with Mr. Gururaja (ESD Program Head, Zensar Pune) on 6<sup>th</sup> 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 6<sup>th</sup> 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.





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**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.





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## WEB3CAMP

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.



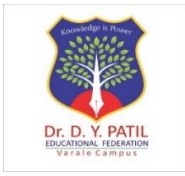
**GIRLSCRIT.TECH Session WEB3CAMP at DYPCOEI campus on 23<sup>rd</sup> and 24<sup>th</sup> November 2023.**

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. Girlscrit 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 23<sup>rd</sup> and 24<sup>th</sup> November 2023.**





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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.

**Prof. T. Arivanantham**  
**Coordinator**

**Dr. Alpana P. Adsul**  
**Head, Computer Engg**

**Dr. Suresh N. Mali**  
**Principal**

