



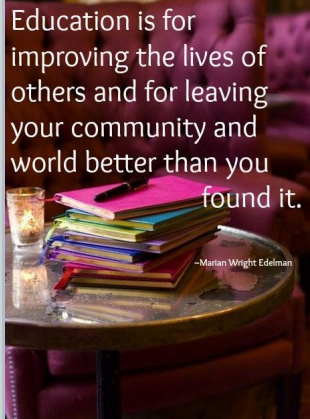
JAN- MAY 2024

ISSUE 29

## Reflection

### A newsletter of Department of Computer Engineering

#### Message From Head of The Department



Welcome to the 29<sup>th</sup> issue of *Reflection*! Each edition of our newsletter captures the dynamic spirit and accomplishments of our department, and this one is no exception. In these pages, you'll find highlights from recent projects, research breakthroughs, and community initiatives driven by our dedicated students and faculty.

As always, our mission is to foster an environment of innovation, collaboration, and excellence. I am incredibly proud of the hard work and dedication showcased here, and I hope this issue inspires you as much as it has inspired us. I congratulate the Editor, Dr. A. P. Kale, Mrs. A.A.Shahbad and her student team who have played a wonderful role in getting the newsletter published.

Thank you for being a part of our journey.

**Dr. (Mrs.) Nuzhat F. Shaikh**

#### Message From the Editor

We are presenting you with the twenty ninth issue of our newsletter "Reflection". Our intention is to put out two issues per year, one at the end of May and the other at the end of December. The success of this newsletter depends on your response. I would appreciate your feedback.

**Dr. (Mrs.) Archana P. Kale**

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**CLASS TOPPERS**

**SE 1**



**RATHOD  
PRIYA**  
10



**SHAIKH  
AFAN**  
9.73



**SIDDHANT  
AGWAN**  
9.45



**KOLTE  
SOUNDARYA**  
9.32



**PATIL  
VIRENDRA**  
9.32

**SE 2**



**PATIL  
RAHUL**  
9.41



**KHUNE  
RADHA**  
9.32



**BORSE  
GAYATRI**  
9.27



**DHAKE  
DNYANDA**  
9.18



**PATIL  
SARTHAK**  
9.14

**SE - SS**



**PAWAR  
GAURAV**  
9.77



**DONTULWAR  
TUSHAR**  
9.55



**WADHWANI  
PRANJAL**



**PATOLE  
SWATI**  
9.32



**MANAV  
KOKNE**  
9.32



**PAWAR  
VAISHNAVI**  
9.23

**TE 1**



**MARNE POORVA**  
9.71



**SUCHITA GOND**  
9.33



**AGHAV SAMPADA**  
9.24



**ACHARYA AYUSH**  
9.14



**CHITAMPALLE SHUBHAM**  
9.1

**TE 2**



**KUMAWAT SUNI**  
9.29



**THOMBARE  
DHANASHREE**  
9.29



**VICHARE SAHIL**  
9.14



**RODE YASH**  
8.95



**MARATHE CHETAN**

**TE 3**



**SANIA  
NIDAGUNDI**  
9.33



**SHAIKH  
RIDA**  
9.14



**MANDAGE  
ADITYA**  
9.1



**PANDEKAR  
SHREYA**  
9.1



**PAJGADE NANDINI**  
9.05



**SAYYED SANIYA**  
9

**BE 1**



**TAMBE ONKAR**  
9.7



**SHRADHA PASHILKAR**  
9.55



**CHAUDHARI JAYESH**  
9.4



**SARTHAK GOND**  
9.35



**ZAGADE PIYUSH**  
9.25

**BE 2**



**PATHAK AKANSHA**  
9.55



**VIKHAKAR NUPUR**  
9.45



**ITHAPE OMKAR**  
9.4



**MORE MANISH**  
9.4



**GHUMARE PRITEE**  
9.3



**SHARMA  
ABHISHEK**  
9.3



**DEORE  
ATHARVA**  
9.25



**KUKARNI  
RADHAYA**  
9.25



**DUSANE  
VAISNAVI**  
9.25

**BE SS**



**DEOKAR TANMAY**  
9.7



**KADAM  
NISHGANDHA**  
9.7



**KORGAONKAR VAISHNAVI**  
9.55



**SHINDE PRITEE**  
9.4



**JADHAV PRAPTI**  
9.4



**GAIKWAD SAURABH**  
9.25



**TARAPUE RAJSHREE**  
9.25



**LAGAD VAISHNAVI**  
9.15



**JAGDALE SHWETA**  
9.15

1. A guest lecture was arranged for the students of TE (Elective II ARVR) on the topic “Be Industry Ready with XR” on 14<sup>th</sup> Feb 2024. The speaker for the session was Mr. Akshay Rathod (CEO, Firebird Technology) and Mr. Yogesh Surwase (Director COO, FireBird Technology). The speaker talked about difference between virtual reality and augmented reality which helped the students to differentiate augmented reality and virtual reality in real world.



2. An guest lecture was arranged for the students of TE on the topic “Guidance for Project Selection” on 26<sup>th</sup> Feb 2024. The speaker for the session was Mr. Narendra Rajput, (Engineering Manager, Saeloun Pvt. Ltd.). The speaker Talked about IPR basic concepts. He clears all the basic concepts of students regarding selecting BE Projects.



3. A guest lecture was arranged for the students of TE on the topic “Digital marketing and social Media” on 5<sup>th</sup> March 2024. The speaker for the session was Mr. Amit Bhoj, Technical Sales, Techno growth Software Solutions Pvt Ltd. The speaker talked about creating the websites and how it's reaching the world, the Digital Marketing tools such as E-mail Marketing, Search Engine Optimization {SEO}, social media Marketing etc.

4. A guest lecture was arranged for the students of SE on the topic “Basic of IPR“ on 2<sup>nd</sup> April 2024. The speaker for the session was Mr. Harsh Piparsaniya System Architect, Innovation Lead, Siemens Technology service pvt Ltd. Speaker has given a brief insight into- What is IPR, its different types, time-line chart and its applicability in current trends.



## Day's Celebration

### 1. Republic Day:

Republic Day was celebrated on 26<sup>th</sup> January 2024. Flag hosting is done by respected Principal Mam. College staff and student were present for the flag hosting. On the occasion of Republic day students presented patriotic song after flag hosing.

### 2. National Science Day:

On the occasion of National Science Day on 28<sup>th</sup> February 2024 a visit to GMRT Khodad Junnar Pune was organized by Computer Engineering Department MESCOE Pune for all SE Computer Engineering Students. A Industrial visit of all SE Comp students was arranged between 8.00am to 5.00 pm .



### 3. Women's Day Celebration :

International Women's Day (8<sup>th</sup> March) is a global day celebrating the social, economic, cultural and political achievements of women. On this occasion, a guest lecture on "Women Health" was organized at Neville Wadia Hall. Aarati Shitole conducted this session for all Ladies staff of Wadia Campus.



Industry Visit

Computer Department was organised three Industrial visit for students and staff.

Sr. No.	Class	Place	Conduction Date	Total
1	TE COMP	Maharashtra MSME Defence Expo	25 <sup>th</sup> Feb 2024	76
2	SE COMP	Giant Metrewave Radio Telescope (GMRT)	28 <sup>th</sup> Feb 2024	171
3	COMP DEPT STAFF	Industrial visit at Tracko By Maverick Labs Pvt Ltd	02 <sup>nd</sup> March 2024	30



Digital Renaissance 2024

An Inter-college technical and gaming event/competition organized by ACE (The Association of Computer Engineers) from 29<sup>th</sup> Feb and 1<sup>st</sup> March, 2024. Twelve events run in parallel over the course of a day - 1. TradeHub 2. FIFA 2k24 3. Hera Pheri 4. Trifecta 5. Digital Disruption 6. Relay of hints 7. CodeCrunch 8. AR voyage 9. Chambers of Secrets 10. Escape room 11. Stage Saga.

The key objective is To encourage students to compete in events that test their skills and knowledge in various areas of computer engineering. This event aims for students, across colleges from India to develop a competitive spirit as well as apply their knowledge.

Participants from various colleges participated and expressed their talent. They got lifelong learning experience. Students worked individually and in teams to show creativity. The student coordinators understand professional ethics and responsibilities.

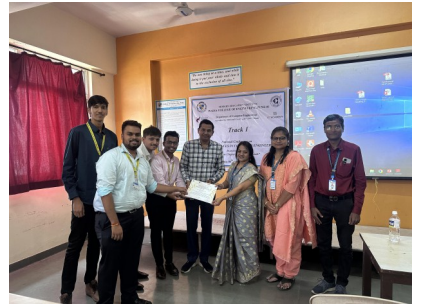


Company Name	Students Name
<b>Recruit CRM</b>	Mohammed - Aslaan
<b>Airtel</b>	Umme Hanni Aiyaz Hussain Shaikh, Rutuja Anant Pawale, Vaishnavi Vilas Lagad, Khushi Vipul
<b>Capgemini</b>	Sachin Basu Rathod, Sarthak Namdev Gond, Shivam Vishwanath Kudal, Shreya Santosh Kondalkar, Shreyash Ravindra Hagwane, Vicky Dilip Chavan, Vinit Deepak Patil, Abhishek Santosh Mandave, Aditi Gandhi, Kartik Appasaheb Sabane, Kaustubh Deepak Dalal, Neha Chandrakant Thombare, Om Rajendra Waykar, Prathamesh Punde, Sandesh Santosh Pabitwar, Vivek Sudamrao Rodge, Apurva Mahesh Lokhande, Harshal Nandkumar Patil, Mayuri Abhay Kawade
<b>Amazon</b>	Rajashree Tarapore, Arya More, Vinit Girme, Sahil Sathe, Atharva Ghule, Sadaf Kauchali, Vivek Rodge, Prapti Jadhav, Aditi Bangal
<b>Tech Mahindra</b>	Tanmay Deokar, Shashank Pandkar
<b>Eidiko Campus</b>	Mithilesh Kumbha, Mitray Pandit
<b>Etraveli</b>	Rutuja Pawale, Radhaiya Kulkarni
<b>Stridely Sols.</b>	Aditi Suhas Bangal, Gayatri Kamlakar Gutte
<b>Atlas Copco</b>	Arya Nilesh Tamhane, Gauri Anil Thorat, Shubham Rajendra Chikane, Vaishnavi Narayan Jadhav
<b>Ellicium</b>	Apurva Mahesh Lokhande, Sahil Anil Sathe, Sakshee Vijay Phadtare, Sanket Krishnat Suryavanshi, Sayali Rahul Navgire, Shashank Sachin Pandkar, Shreyas Sachin Linge
<b>Fiserv</b>	Aniket Narendrasingh Rawat, Pushkar Upendra Adhyapak, Vinit Deepak Patil
<b>GIC</b>	Dinesh Bhatu Mahale, Neeraj More
<b>JASH</b>	Harshal Nandkumar Patil, Malan Husen Shaikh, Simran Kaur Gurmelsingh Kachle
<b>Sapience</b>	Ankita Dattatray Andhare, Ashutosh Santoshkumar Devanpalli, Mukesh Santosh Mahindrakar
<b>TCS</b>	Ashutosh Santoshkumar Devanpalli, Chirag Sandesh Fulfagar, Devesh Sandeep Singh, Disha Vijay Dalvi, Gitesh Vijay Murade, Harshal Nandkumar Patil, Kalpesh Ananda Patil, Malan Husen Shaikh, Mithilesh Rajendra Kumbhar, Mukesh Santosh Mahindrakar, Param Sunil Kalane, Sachin Basu Rathod, Sarthak Namdev Gond, Shivam Vishwanath Kudal, Shreya Santosh Kondalkar, Shreyash Ravindra Hagwane, Vicky Dilip Chavan, Vinit Deepak Patil
<b>TCS - Digital</b>	Abhishek Santosh Mandave, Aditi Gandhi, Kartik Appasaheb Sabane, Kaustubh Deepak Dalal, Neha Chandrakant Thombare, Om Rajendra Waykar, Prathamesh Punde, Sandesh Santosh Pabitwar, Vivek Sudamrao Rodge
<b>Vodafone</b>	Apurva Mahesh Lokhande, Harshal Nandkumar Patil, Mayuri Abhay Kawade, Onkar Babasaheb Tambe, Ruturaj Laxman Savakare, Sahil Anil Sathe, Samiksha Dattatray Pawar, Sandesh Santosh Pabitwar, Sanvidha Vishal Haribhakta, Supreet Suresh Birajdar



The 11<sup>th</sup> National Conference on Recent Advances in Computer Engineering [RACE-2024] In Association with “CSI Pune Chapter” in association with CSI Pune chapter and ICTACT Journals. on April 5-6, 2024 Organized by Department of Computer Engineering, MESWCoE Pune.

RACE-2024 is the premier forum for presentation of new advances and research results in the field of Computer Engineering. The conference will bring together researchers, engineers and scientists in the domain of interest from a variety of disciplines such as Computer, Information Technology, and Electronics & Telecommunication Engineering.



### Jhankaar 2024

Cultural activities are an integral part of students’ college life. So the six days cultural activities like Art Gallery, Treasure hunt, Bollywood Day, Back to School Day, Fun Fair, Traditional Day and Annual Social Gathering was organized on 1<sup>st</sup>—7<sup>th</sup> Feb 2024. The key objective is to ensure all-round development of students by providing co-curricular, extra-curricular and entrepreneurship skills.

To showcase student’s talents college gives a platform of **JHANKAAR-2024** (Annual Gathering).



Sr. No.	Activity	Date of Conduction	Speaker
1	Workshop on Design Thinking, Critical thinking and Innovation Design	Amandeep Singh	15 <sup>th</sup> Feb 2024
2	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	Isha Ostwal	15 <sup>th</sup> Feb 2024
3	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech- Transfer	Sahil Nahar	23 <sup>rd</sup> Feb 2024
4	Fundamentals of Entrepreneurship Woman Empowerment	Shreya Shah	26 <sup>th</sup> Feb 2024
5	Life of an ERP Consultant	Sumanjeeth Buddha	14 <sup>th</sup> Feb 2024
6	Session on helping entrepreneurs grow Holistically	Dr. Deepali Kuwad	28 <sup>th</sup> Feb 2024
7	Session on Idea of buisness	Vishal Ingle	16 <sup>th</sup> Feb 2024
8	A new domain - ERP	Sumanjeeth Buddha	25 <sup>th</sup> Feb 2024
9	Session on startup ideas and building business	Amogh Mayee	29 <sup>th</sup> Feb 2024
10	Business Strategies that pave the way of excellence	Hamid Shaikh	25 <sup>th</sup> Aug 2023
11	Workshop on Business Model Canvas Speaker	Nikhil Jain	12 <sup>th</sup> April 2024
12	Workshop on Intellectual Property Rights (IPRs) and IP management for Startup	Raj Lunavat	25 <sup>th</sup> April 2024
13	Session on following your passion	Prathamesh Choudhary	21 <sup>st</sup> April 2024



### Staff Workshop / FDP/ STTP

**Dr. (Mrs.) N. F. Shaikh-**

1. Attended a One Week Online Faculty Development Program on "Artificial Intelligence and Generative Models" Organized by Department of Information Technology, Vishwakarma Institute of Technology, Pune from 15<sup>th</sup> Jan 2024 to 19<sup>th</sup> Jan 2024.

**Dr. (Mrs.) S. K. Wagh-**

1. Successfully completed one week faculty development Programme on recent trends in healthcare organized by department of Artificial Intelligence and department of CSE Artificial Intelligence and Machine Learning Vishwakarma institute of information technology Pune in association with IEEE consumer technology society from 18<sup>th</sup> to 22<sup>nd</sup> December 2023 (30 hrs).
2. Participated in one week FDP on "Deep Dive into Data Science & Machine Learning " organized by Department of Computer Engineering, PCET'S NMIET, Talegaon, Pune. 26<sup>th</sup> Feb - 01<sup>st</sup> March 2024. (30 hrs).
3. Successfully completed one week FDP on "Next Generation Artificial Intelligence " organized by Department of Computer Engineering, VIIT, Pune. 11<sup>th</sup> March - 16<sup>th</sup> March 2024. (36 hrs).

**Dr. (Mrs.) J. R. Pansare-**

1. Participated in one week FDP on "Deep Dive into Data Science & Machine Learning " organized by Department of Computer Engineering, PCET'S NMIET, Talegaon, Pune. 26<sup>th</sup> Feb - 01<sup>st</sup> March 2024. (30 hrs)

**Dr. (Miss.) R. M. Wahul -**

1. Successfully completed one week FDP on "Next Generation Artificial Intelligence " organized by Department of Computer Engineering, VIIT, Pune. 11<sup>th</sup> March - 16<sup>th</sup> March 2024. (36 hrs)

**Dr. (Mrs.) S. P. Khedkar**

1. Attended One week FDP on "Data science applications in real world using python" by Indira COE Pune 18<sup>th</sup> march to 22<sup>nd</sup> march 24. 2. One Week Faculty Development Program on "RECENT TRENDS IN MULTIDISCIPLINARY RESEARCH (Season – 3)" Organized by the Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune, in association with IEEE Computer Society Pune Local Chapter, from 29<sup>th</sup> April-2024 to 03<sup>rd</sup> May 2024.

**Dr. (Mrs) S. P. Deore -**

1. Attended Five days FDP on "Data Science and its applications using Python", at Indira college of engineering and management Pune during 18<sup>th</sup> March to 22<sup>nd</sup> March 2024
2. Attended One Week Faculty Development Program on "Advancements in Artificial Intelligence" organized by the Department of CSE - Artificial Intelligence and Machine Learning & Department of CSE - Artificial Intelligence, Vishwakarma Institute of Information Technology, Pune from 4<sup>th</sup> March to 8<sup>th</sup> March 2024.
3. Attended One Week Faculty Development Program on "Data Analytics using power BI", organized by dept of AIDS, AISSMS during 8<sup>th</sup> to 12<sup>th</sup> Jan 2024.
4. Attended One week Faculty Development Program on "Recent trends in Healthcare", at VIIT Pune on form 18<sup>th</sup> to 22<sup>nd</sup> Dec 2023

**Dr. (Mrs.) A. P. Kale -**

1. Attended Two Weeks AICTE - ISTE approved STTP on Innovative Teaching and Research Methodologies Organized by SKNCOE Pune during 20<sup>th</sup> Feb 2024 to 4<sup>th</sup> Mar 2024.

**Mrs. S. S. Raskar -**

1. Attended One week FDP on 'Recent Trends in Healthcare' organized by Department of CSE -AI/ML , VIIT, Pune in association with IEEE consumer Technology Society (IEEE CTSoc), 18th Dec to 22<sup>nd</sup> Dec 2023 .
2. Attended Five days FDP on "Cognitive Computing for Smart Applications" organized by Dept. of AI&DS, VIIT, Pune from 18<sup>th</sup> to 22th March 2024.

## Staff Achievements

**Dr. (Mrs.) N. F. Shaikh -**

1. Worked as reviewer for International Journal of Advanced Computer Science and Applications (IJACSA - WoS, Scopus).
2. Evaluator for the Ph. D. Progress Presentation at SKNCOE.(10 students) .
3. Member Board of Studies, Cummins College of Engineering for Women, Pune.
4. Member Department Advisory Board, Arvind Gawali College of Engineering, Satara.
5. Reviewer at 3<sup>rd</sup> International Conference on Advanced Communication and Intelligent Systems May 16-17, 2024, Venue: Jawaharlal Nehru University, New Delhi, India.
6. Reviewer at International Conference on Recent Trends and Advancements in Computing Technologies (ICRTACT-2024)” to be held on 25<sup>th</sup> and 26<sup>th</sup> April 2024 at AVCOE, Sangamner.
7. Reviewer at 2<sup>nd</sup> International Conference on Power Engineering and Intelligent Systems (PEIS2024), Organized in In-person and Online (Hybrid Mode) by National Institute of Technology Uttarakhand, India, Technically Sponsored by Soft Computing Research Society on March 16-17, 2024 .

**Dr. (Mrs.) S. K. Wagh -**

1. Worked as resource person for MSBTE sponsored event on artificial intelligence and Engineering milestone organized by a AISSMS polytechnic Pune on 23<sup>rd</sup> January 2024
2. Successfully completed a 12-week online NPTEL certification course in "Deep Learning," earning an ELITE certificate. The course was conducted by IIT R from January to April 2024.

**Dr. (Miss) R. M. Wahul-**

1. Served as a Session Chair in FICTA-2024, AI and Data Science (AI&DS) Research Group, London Metropolitan University, London, United Kingdom

**Dr. (Mrs.) S. P. Deore -**

1. Reviewed a paper for International Journal of Electrical and Computer Engineering
2. Reviewed a paper for Springer Nature: Scientific Report and for Computer science
3. Reviewed a paper for RACE 2024 organized at MESWCOE, Pune

**Dr. (Mrs.) A. P. Kale**

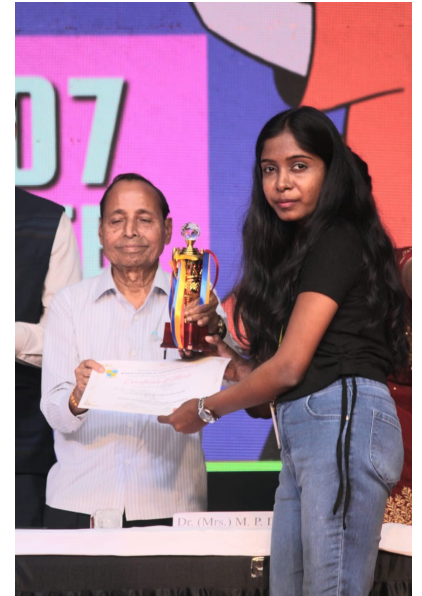
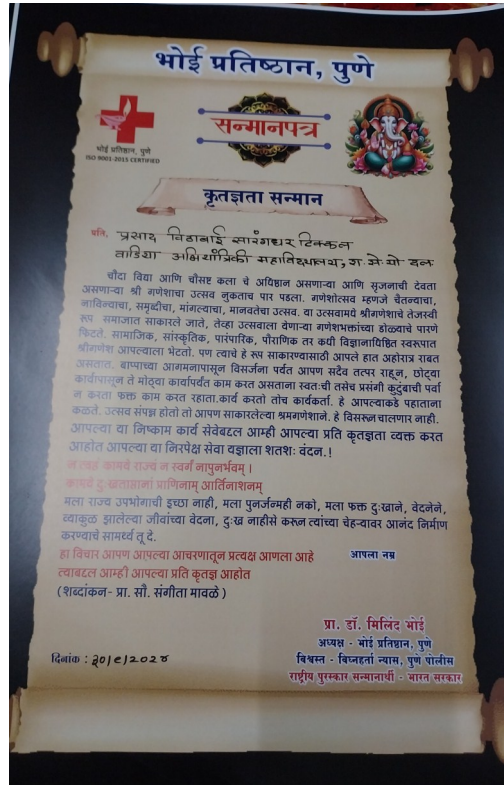
1. The Editorial Board member at MAT Journals
2. The Editorial Board member of International Journal of Fuzzy Logic and Intelligent Systems
3. The Editorial Board member of Journal of Intelligent Decision Technologies and Applications
4. Reviewed manuscripts from Transactions on Knowledge Discovery from Data, IEEE Journal of Biomedical and Health Informatics, Elsevier Journal of Engineering Applications of Artificial Intelligence, Springer Journal of Network Modeling Analysis in Health Informatics and Bioinformatics (NHIB), Engineering Applications of Artificial Intelligence, Reliability Engineering & System Safety, ACOMS + International Journal of Fuzzy Logic and Intelligent Systems.



It is never too late to be what you might have been. –George Eliot

### Student Achievements

1. **Shivraj Warghade** of SE for 25<sup>th</sup> National Sqay Championship National -Jaipur and 6th Trination(India,Nepal,Bhutan) Sqay Championship International -Nepal.
2. **Ayush Anand Dongare** of SE for Achieved AIR - 1 in phase 1 of Aerothon , which is a national level competition where college teams from all over india participate to implement the most cutting edge autonomous drone (UAV) technologies. SAE India Aerothon 2024, Level of event - National level, Bangalore.
3. **Sohan Sudhir Chidrawar** of BE for BE Project Competition -College Level.
4. **Bhakti Mangesh Thakur** of SE for Completed Full Stack Web development course on Udemy (online/virtual).
5. **Vidya Take** of TE for Jhankar , College level , MESWCOE Pune.
6. **Tikkal Prasad Sarangdhar** of BE for Chitrarath Activity in association with Bhoi foundation. This activity is against the drugs and tobacco at the anant chaturthi festival, Pune.





**spoken-tutorial**

Powered by  
Ministry of Human Resources and  
Development, Government of India.

**Spoken Tutorial**



**Drupal™**



The outcome of spoken tutorial is to encourage students to compete in events that test their skills and knowledge in various areas of computer engineering. Participants from various colleges participated and expressed their talent. They got lifelong learning experience. Students worked individually

The details of courses include :

1. SE Students: Advanced C++ and Python - Python 3.4.3 , both starting on February 15, 2024 and concludes on May 15, 2024, while Python ends on May 31, 2024. Each course has 217 participants.
2. TE students: Ruby and PHP and MySQL, starting on January 31, 2024, and ending on May 15, 2024, and starting on February 15, 2024, and ending on May 31, 2024 respectively. Each course has 232 participants.
3. BE students: Android app using Kotlin and Drupal, starting on January 31, 2024, and ending on May 15, 2024, starting on February 15,

### Staff Publications

#### Dr. (Mrs.) N. F. Shaikh-

1. Published a paper on "Novel Deep Neural Network Approach for the Sarcasm Detection in Hindi Language", in International Journal of Intelligent Systems and Applications in Engineering, 12(10s), 487–494, Jan 2024.
2. Published paper titled "A\* Algorithm and Unity for Augmented Reality-based Indoor Navigation" in Grenze International Journal of Engineering and Technology, Issue Vol. 10, Issue 1, pg. nos.2340-2347, Jan 2024.
3. Published paper titled "Enhancing Oral Health Assessment through Convolutional Neural Networks based Detection" Grenze International Journal of Engineering and Technology, Vol 10, Issue 1, pg nos. 2316-2323, Jan 2024.
4. Published paper on "IoT-Enabled Forecasting of Vehicle Based Carbon Emissions and Smart Fuel Management: Optimizing Efficiency and Performance, International Journal of Intelligent Systems and Applications in Engineering, 12(19s), 161–167. Retrieved from <https://ijisae.org/index.php/IJISAE/article/view/5056>, March 2024.

#### Dr. (Mrs.) S. K. Wagh-

1. Published paper on "Benefits of Coalition Game Theory over Bargain Game Theory to Resolve the Problems of Spectrum Sensing in Cognitive Radio Network", in International Journal of Engineering Trends and Technology, 71 (11), pp. 129–135, 2023. [Scopus Index]
2. Published paper on "Intelligent Transportation System using Vehicular Networks in the Internet of Vehicles for Smart cities" in the Journal of Electrical Systems, 19(2), pp. 58–67, 2023. [Scopus Index]
3. Published paper on "Energy-Efficient Localization Techniques for Wireless Sensor Networks in Indoor IoT Environments", in the Journal of Electrical Systems, 19(2), pp. 47–57, 2023. [Scopus Index]
4. Published paper on "An Operative Approach for Effective Segmentation of Retinal Blood Vessels Based on Multi-level DNN", in the International Journal of Intelligent Systems and Applications in Engineering, 11(8s), pp. 311–318, 2023. [Scopus Index]
5. Published paper on "The advancement of ensemble deep learning architecture for the detection and classification of brain tumors with MRI images", in International Journal of Biomedical Engineering and Technology, Vol. 45, No. 1, 2024.

**Dr. (Mrs.) S. K. Wagh-**

6. Published paper on “Real Time Air Quality Customer churn prediction in telecom sector using machine learning techniques Results” in Control and Optimization”, Proceedings on Engineering Sciences, 6(2), pp. 505–512, 2024. [Scopus Index]
7. Published paper on “Customer churn prediction in telecom sector using machine learning techniques” in Results in Control and Optimization, 14, 100342, 2024. [Scopus Index]
8. Published paper on “Crop yield predictive modeling using optimized deep convolutional neural network: An automated crop management system”, in Multimedia Tools and Applications, 83(14), pp. 40295–40322, 2024. SCI Index (Q1), [Scopus Index], Springer
9. Published paper on “Meticulous predictive modelling for classification of cancerous molecular profiles” in Multimedia Tools and Applications 2024, 83(17), pp. 51981–52008. SCI Index (Q1), [Scopus Index], Springer

**Dr. (Miss) R. M. Wahul and Dr. (Mrs.) S. P. Khedkar-**

Published a research paper on "Autonomous drones and their influence on standardization of rules and regulations for operating–A brief overview", Results in Control and Optimization ,Volume 14, March 2024, 100401  
ISSN2666-7207.

**Dr. (Mrs.) S. P. Khedkar-**

1. Published a research paper on “Reversible Logic Gates and Applications – A Low Power Solution to VLSI Chips” Mathematical Modelling of Engineering Problems, 2024, 11(3), pp. 705–720.

**Dr. (Mrs.) S. P. Deore-**

1. Published a research paper on “Prognostic evaluation, prediction and regimen of diseases using SVM, NB and RF classifiers” Revue d'Intelligence Artificielle, Vol. 38, No. 2, pp. 473-481. (Scopus Indexed) April 2024.
2. Published a research paper on “Enhancing image captioning and auto-tagging through a FCLN with faster R-CNN integration Dyn. Appl.”, vol. 3, no. 1, pp. 12–20, 2024 .
3. Published a research paper on “Digital Resurrection: Restoring Fragile Documents with OCR” IJRCCE , Volume 12, No. 5, 2024.

**Dr. (Mrs.) A. P. Kale-**

1. Published a research paper on "CNN based Intelligent Question Answer Generating System for Visually Impaired Student", in International Journal of Innovative Research in Computer and Communication Engineering, IJIRCCE,ISSN No:-2320-9801,Volume 12, Issue 5, DOI: 10.15680/IJIRCCE.2024.1205256. pp 6684-88, May 2024.
2. Published a research paper on "Flight Delay Prediction Using Deep Learning", in International Journal of Innovative Research in Computer and Communication Engineering, IJIRCCE,ISSN No:-2320-9801,Volume 12, Issue 5, DOI: 10.15680/IJIRCCE.2024.1205256. pp 6618-6623, May 2024.
3. Published a research paper on "A CNN based Braille Conversion System", in International Journal of Innovative Research in Computer and Communication Engineering, IJIRCCE,ISSN No:-2320-9801,Volume 12, Issue 5, DOI: 10.15680/IJIRCCE.2024.1205256. pp 6684-88, May 2024.

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Published a research paper on "Synergistic Approaches in Multimodal Biometric Authentication with Machine Learning and Deep Learning Paradigms" International Journal of Intelligent Systems and Applications in Engineering, ISSN:2147-67992147-6799, Vol. 12 No. 18s (April, 2024) 587–596.

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