OFFICIAL CE DEPARTMENTAL NEWSLETTER
JAN - JUNE '23

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OUR MISSION
To impart learning by educating students with conceptual knowledge, hands-on practices using Free and Open-Source Software and tools, competency skills, social awareness, thereby igniting young minds for innovative thinking, professional expertise, and multidisciplinary research.

OUR VISION
Achieve academic excellence by imparting education in computing and providing exposure to research to create intellectual professionals and explore global opportunities.

MESSAGE FROM DEPARTMENT CHAIR
"I am delighted to present newsletter a collection of amazing contributions from the faculties and students of computer engineering department. I feel it is a chance to thank all the contributors who directly or indirectly helped in this publication."

MESSAGE FROM EDITOR’S DESK
"To be able to bring light to the wondrous achievements of students and faculty of our department was an incredible experience. On behalf of our team we present to you this wonderful ride of talent, achievements and joy."

LEADERS
- Dr. P. T. Kulkarni, Director
- Dr. S. T. Gandhe, Principal
- Dr. G. V. Kale, HoD CE

EDITORIAL TEAM
- Prof. K Gangrade
- Apurwa Kanitkar
- Manav Manish Parmar
- B Shrinidhi
- Nilay Tayade
Training & Placements

Vijaykumar Munde, Rohin Bhat, Akash Cheke selected in BLOOMBERG at 35 LPA

Chirag Patil selected in UPTIQ at 22 LPA

Details

Total Number of Students Placed: 272
Average Salary: 13.11 LPA
Akshay Jadhav got an internship in Bajaj Finserv of Rs 40000

Prutha Rinke got an internship in Reliance Jio

Viraj Nimbalkar got an internship in Bajaj Finserv of Rs 40000

Namit Surana got an internship at Airport Authority of India
Atharva Kumbhar got an internship at ICMR-NARI

Also, 3 students have received internships in BMC which is ongoing. (Stipend Rs.8000 per month)
1. Shrushti Thorat
2. Aditya Sangwai
3. Purva Lingayat
ACTIVITIES CONDUCTED

An online one day Faculty orientation Program on “Image Processing and Software Defined Networks” was coordinated by Prof. M. S. Wakode and Prof. P. A. Khadkikar on January 20 2023 at University Level.

A two-day workshop on "Terraform" was delivered by Mr. Atharva Kulkarni, Software Engineer at Persistent, on April 29 and 30, 2023, coordinated by Prof. P. R. Makkar and Prof. P. P. Joshi, and attended by 50 participants.

A one-day hands-on workshop on "ChatGPT" was delivered by Ms. Arpita Gupta, on February 11 2023, coordinated by Prof. S. S. Sonawane, Prof. U. S. Pawar and Prof. R. A. Kulkarni, and attended by 41 participants.

A distinguished lecture on the topic "Scope of Microwaves and Antennas in Modern Communication Systems" was delivered by Dr. Changzhi Li, a Professor at Texas Tech University, on April 19, 2023, coordinated by Prof. M. S. Wakode, with more than 100 participants.
An expert session on the topic "Augmented Reality/Virtual Reality" was delivered by Mr. Omkar Bhope - a research assistant at UC San Diego, Mr. Tanishk Rane - a junior software engineer (AI/ML/DL) at Infogen Labs, Mr. Arnav Tope - a software engineer at Avaya and Mr. Harish Kumar, a researcher in AR/VR, AIR-7 in JRF, on January 28, 2023, coordinated by Prof. U. S. Pawar and Prof. R. A. Kulkarni.

An expert session on the topic "Data Analytics Platform Architecture and Trends" was delivered by Mr. Mandar Chaphalkar, a data analytics specialist, at Google, Pune, on February 25, 2023, coordinated by Prof. A. R. Deshpande.

An expert session on the topic "Internship Opportunities at NTRO" was delivered by Dr. Ravi Chaudhari, working at NTRO, on March 28, 2023, coordinated by Prof. G. V. Kale and Prof. M. S. Wakode, and attended by more than 100 participants.
PICT ACM Student Chapter under leadership of Prof. G. V. Kale won the ‘ACM India Outstanding Chapter Award’ by ACM India and received Rs 50000 as prize money.

Prof. G. V. Kale won the ‘ACM Outstanding Website Award’ by ACM (International) and received $500 as prize money.

Prof. M. S. Takalikar received the ‘Best Paper Award’ at the International Conference on Gender Equality and Women Empowerment 2023, organized by PVG’s College of Engineering and Technology and G K Pate (Wani) Institute of Management in association with the Department of Education and Extension at Savitribai Phule Pune University and the Rajasthan Sociological Association.

Prof. G. V. Kale is nominated as the secretary of the ACM India Women Council.
Prof. P. S. Shahane received appreciation under the ‘INSC Young Researcher Award 2023’ by the INSC (Institute of Scholars).

Prof. K. C. Waghmare successfully completed the ‘IUCCEE International Engineering Educator Certification Programme organized by IUCCEE.

Prof. P. S. Vidap was the topper in the NPTEL Course (Pattern Recognition and Applications) organized by NPTEL.
Prof. A. A. Chandorkar published an International paper on "DECENTRALIZED BLOCKCHAIN APP FOR CRYPTO TRANSACTIONS" in the International Research Journal of Modernization in Engineering Technology and Science with ISSN No. 2582-5208.


Prof. M. S. Chavan published an International paper on "Smart Bus Application" in the International Research Journal of Modernization in Engineering Technology and Science with ISSN No. 2582-5208.


Prof. K. Gangrade and Prof. S. Shah have published an International paper on "A Study on Neural Networks used for Traffic Signal Classification" in the IIconic Research and Engineering Journals (IRE) with ISSN No. 2456-8880.

Prof. R. R. Jadhav published an International paper on “A Review on different ML Techniques used for Disease Detection in Sugarcane Crop” in the International Journal of Scientific Research in Computer Science, Engineering and Information Technology with ISSN No.2456-3307.

Prof. P. R. Makkar published an International paper on “Pilot drowsiness detection System” in the GIS science Journal with ISSN No.1869-9391.

Prof. R. S. Paswan published an International paper on “Optimize Engagement Notification Delivery Across Platforms” in the JETIR Journal with ISSN No.2349-5162.

Prof. D. D. Kadam published an International paper on “Predicting Career Path using ML” in the International Journal for Research with ISSN No.2321-9653.

Prof. R. A. Kulkarni published an International paper on “Minimax Algorithm and Alpha-Beta Pruning for Game Development Using Blockchain” in the IJSR Journal with ISSN No.2319-7064.

Prof. Y. A. Handge published an International paper on “OPTIMIZING STOCK TRADING STRATEGY WITH REINFORCEMENT LEARNING” in the IJSR Journal with ISSN No.2319-7064.


Prof. M. R. Jansari published an International paper on “Add Self-Learning ability to NLP for automatic test case generation” in the Iconic Research and Engineering Journals with ISSN No.2456-8880.

Prof. V. V. Bagade published an International paper on “Author Identification on Anonymous Regional Literature” in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) with ISSN No.2321-9653.
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Prof. V. V. Bagade published an International paper on “Author Identification on Anonymous Regional Literature” in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) with ISSN No.2321-9653.


Prof. M. V. Mane published an International paper on “Summarization of research papers using NLP” in the Iconic Research and Engineering Journals with ISSN No.2456-8880.

Prof. V. S. Gaikwad published an International paper on “GRAPH BASED ABSTRACTIVE TEXT SUMMARIZATION OF YOUTUBE COMMENTS” in the International Journal of Science and Research with ISSN No.2319-7064.


Prof. P. S. Vidap published an International paper on “Crop Suggestion and Nearest Market Place Recommendation” in the IRJMETS Journal with ISSN No.2582-5208.

Prof. P. J. Jambhulkar published an International paper on “Review on Different Algorithms for Disease Prediction” in the Iconic Research and Engineering Journals (IRE) with ISSN No.2456-8880.


Prof. S. S. Sonawane published a research paper on “NLP-Based Text Summarization of Fintech RFPs” in the 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS).
Prof. P. S. Shahane published a research paper on "Real Time Face Recognition Based Attendance System using Multi Task Cascaded Convolutional Neural...


Prof. P. P. Joshi published a research paper on "Smart Task Board: Complete web accessible solution to modern task management " in the 2023 International Conference on Emerging Smart Computing and Informatics (ESCI-2023).

Prof. G. V. Kale and M. S. Wakode have published a research paper on "Contextual Flow of Information in Tourism using BLE Proximity Detection to Enhance the Tourism Experience" in the 2023 International Conference on Emerging Smart Computing and Informatics (ESCI-2023).

Prof. P. S. Vidap published a research paper on "Blockchain Solution to Electronic Healthcare Records" in 2023 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE).

Prof. G. P. Potdar published a research paper on "Calculation of Neural Network Weights and Biases using Particle Swarm Optimization" in INTERNATIONAL CONFERENCE ON "COMPUTATIONAL INTELLIGENCE AND XAI (ICCIXAI -2023).

Prof. P. A. Khadkikar, in affiliation with PICT, was granted a design patent under the title ‘NEONATAL HEATING BELT FOR HYPOTHERMIA’ on May 18, 2023. (Patent application no. 381675-001).

Prof. K. C. Waghmare, in affiliation with PICT, applied for a patent under the title ‘SYSTEM AND METHOD FOR IDENTIFYING SPEECH DISORDERS BY NATURAL LANGUAGE PROCESSING AND PROVIDING CORRECTIVE RECOMMENDATIONS’ on June 16, 2023 (Patent Application No. 202321028902).

Prof. V. S. Gaikwad, in affiliation with PICT, applied for a system design patent under the title ‘A SYSTEM AND A METHOD FOR PRIVACY PRESERVING CLASSIFICATION OVER A RELATIONAL DATA’ on March 25, 2023 (Patent Application No. 202321021526).

Prof. G. V. Kale and Prof. M. S. Wakode, in affiliation with PICT, applied for a design patent under the title ‘PERSONALIZED PHYSICAL ACTIVITY RECOMMENDATIONS SYSTEM USING FEDERATED LEARNING (FL) AND A METHOD’ on April 22, 2023 (Patent Application No. 202321029305).
Prof. G. P. Potdar signed an MoU with iMocha (Tecknack Technologies Pvt. Ltd.) on February 21, 2023, for the duration of 1 year.

Prof. G. V. Kale signed an MoU with Association for Socially Applicable Research (ASAR) on February 22, 2023, for a duration of 3 years.

Prof. A. G. Phakatkar signed an MoU with Lightbeam Software Pvt. Ltd. on May 5, 2023, for the duration of 1 year.

Prof. S. S. Sonawane Received consultancy work and signed a MoU with ICMR-NARI in January 2023 for scientific collaboration. The overall objective of the collaboration is to facilitate capacity building for performing sentiment analysis of social media posts through training sessions and collaborative work done to achieve this capacity for further endeavors.
Abhay Gajanan Shanbhag won the 3rd place at INSPIRON as well as the Best UI award (total prize of 10,000), a 24hr hackathon organized by COEP CSI Club amongst 120+ teams.

Parth Ostwal brought laurels by scoring 2.5/3 in COEP Zest 2023 in chess. He participated in the MMCOE coding contest where we cleared the MCQ round. He also became a 3-star coder at Codechef.

Vaibhav Sahasrabuddhe bagged the 3rd place in COEP Hackathon.

Varsha Malode was the runner up in volleyball, as part of PICTs “Elevate”.

Amir Hudda is a technology entrepreneur who has founded and grown four startups in the past 20 years. During that period, Amir has raised over $100M in equity (public and private markets) and debt transactions; acquired, scaled, restructured and sold several businesses, and invested in and mentored young entrepreneurs and companies. Amir Hudda (1987 Batch) is recognized as a Top 25 Executive in Washington, D.C. for 2023 due to his exceptional leadership, unwavering commitment to excellence, and visionary mindset.

Aparna Pappu (1995 Batch) , Vice President and General Manager, Google Workspace, speak at Google I/O on May 10, 2023, about updates coming to Google Workspace.
SACHIN KULKARNI & NEHA NARKHEDE

Sachin Kulkarni (2005 Batch) and Neha Narkhede (2006 Batch) founded Oscilar in 2021 to decrease the risks involved with online transactions—mainly the risk of loan defaults and fraud with things like financial transactions and insurance—using artificial intelligence.

PRATIK RATADIYA

Pratik Ratadiya (2020 Batch), has achieved an exemplary feat by joining NASA's Jet Propulsion Laboratory as a Visiting Researcher. He will be working in the Mission Control Deep Learning Group for the next three months to research and develop anomaly detection systems for NASA's Mars rover.

SARISH NIGADE

Our exemplary alumnus Sarish Nigade (2022 Batch) successfully cleared the SSB interview for the CDS entry and achieved AIR 19 & AIR 61 in the Merit List for the Indian Naval Academy (INA) & Indian Military Academy (IMA) respectively.
INC
DEPARTMENT COORDINATOR- PROF. G. P. POTDAR

ADDICTION
DEPARTMENT COORDINATOR- PROF. S. N. GIRME
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DEPARTMENT COORDINATOR: PROF. M. S. WAKODE
PICT IEEE Students Branch had organized a Distinguished Lecture on “Scope of Microwaves and Antennas in Modern Communication systems” by Prof. Changzhi Li, Professor, Texas Tech University, Distinguished Microwave Lecturer, IEEE MTT-S on 19-04-2023. Prof. Li delivered an insightful presentation on Wireless Communication, captivating the audience with his extensive expertise in the field.

PICT IEEE Students Branch had conducted the Clash RC event in Credenze-23 with an impressive international participation. The CodeChef Global Contest Participants showcased their coding prowess, expanding their horizons and contributing to the vibrant global coding community. Global Contenders were from Bangladesh, Egypt, Japan, Bangladesh, Singapore, China, United States, Belarus, Ukraine, Russia.
SCTR’s PICT ACM Student Chapter (PASC) has won the “Student Chapter Excellence Award for Outstanding Chapter Website!” with a prize of $500 and Chapter is also winner of ACM India Best Chapter Award 5 Times.
Codelicious - International competitive programming event hosted by PICT ACM Student Chapter (PASC), attracted participants from around the globe, including countries such as the US, Japan, Bangladesh, Ukraine, Belarus, Vietnam, China, Argentina, Russia, and Pakistan. With 430+ participants and 1800+ submissions, the event showcased the programming skills of individuals from diverse backgrounds.
DEPARTMENT FACULTY ACHIEVEMENTS SUMMARY FOR AY 2022-23

SUMMARY

- **135 PAPERS**
- **4 Total Rs. 12,31,00**
- **141 FDP ATTENDED**
- **199 INTERNSHIP**
- **5 BOOKS**
- **8 PATENTS**
- **36 PLACEMENT ACTIVITIES**
- **272 PLACEMENTS**

DEPARTMENT FACULTY ACHIEVEMENTS SUMMARY FOR AY 2022-23
DEPARTMENT STUDENTS ACHIEVEMENTS SUMMARY FOR AY 2022-23

- **Publications**
  - 105 Papers

- **Placement**
  - 271

- **Organised Events**
  - 51

- **Internships**
  - 395

- **Certificate Courses**
  - 207

- **Technical Achievements**
  - 229 Winners

- **Cultural Achievements**
  - 55

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