PUNE INSTITUTE OF COMPUTER TECHNOLOGY

OFFICIAL NEWSLETTER OF DEPARTMENT OF COMPUTER ENGINEERING

JAN -JUNE '24

What's inside?

LEADERS

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

EDITORIAL TEAM

- Prof. K Gangrade
- Mr. Manav Manish Parmar
- Ms. Rutuja Gangawane
- Ms. Alisha Shaikh
- Ms. Palak Agrawal

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."

>>> NEWSLETTER

TRAINING & PLACEMENTS

DETAILS

TOTAL NUMBER OF STUDENTS PLACED **285**

HIGHEST PACKAGE **47.28 LPA**

AVERAGE SALARY **10.93 LPA**

TE INTERNSHIPS

10 students received an internship stipend of Rs 50,000 each from Northern Trust.

20 students received an internship stipend of Rs 40,000 each from Barclays.

12 students received an internship stipend of Rs 40,000 each from MasterCard.

3 students received an internship stipend of Rs 35,000 each from Arista.

3 students received an internship stipend of Rs 35,000 each from General Mills.

6 students received internships at Tracelink with a stipend of Rs 35,000 each.

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1 student received an internship stipend of Rs 30,000 each from Fiserv.

3 students received an internship stipend of Rs 20,000 each from Commvault.

8 students received an internship stipend of Rs 10,000 each from Metro-GSC.

16 students received an internship stipend of Rs 8,000 each from BMC.

Flix Logix awarded internships to 1 student.

Nice awarded internship to 6 students.

Siemens awarded internships to 18 students.

BE INTERNSHIPS

17 students received an internship stipend of Rs 1,00,000 each from ION.

2 students received internships at JPMC with a stipend of Rs 75,000 each.

5 students received an internship stipend of Rs 50,000 each from SAP.

4 students received an internship stipend of Rs 40,000 each from Energy Exemplar.

12 students received an internship stipend of Rs 40,000 each from Siemens.

1 student received an internship stipend of Rs 40,000 each from Siemens/TCS NInja.

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BE INTERNSHIPS

18 students received an internship stipend of Rs 35,000 each from Bajaj.

5 students received an internship stipend of Rs 35,000 each from Avaya.

20 students received an internship stipend of Rs 35,000 each from eQ Technologic.

2 students received an internship stipend of Rs 32,500 each from Merilytics.

6 students received internships at Dragonfly with a stipend of Rs 30,000 each.

4 students received internships at ISS with a stipend of Rs 30,000 each.

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BE INTERNSHIPS

5 students received an internship stipend of Rs 30,000 each from Searce.

7 students received an internship stipend of Rs 25,000 each from Emerson.

7 students received an internship stipend of Rs 25,000 each from Nice Systems.

20 students received internships at Principal Global Services with a stipend of Rs 25,000 each.

13 students received an internship stipend of Rs 25,000 each from Pubmatic.

13 students received an internship stipend of Rs 25,000 each from Qualys.

>>> **NEWSLETTER**

BE INTERNSHIPS

1 student received internships at UPTIQ with a stipend of Rs 25,000 each.

5 students received an internship stipend of Rs 25,000 each from Wissen.

7 students received an internship stipend of Rs 20,000 each from BMC.

4 students received an internship stipend of Rs 15,000 each from Altizon.

3 students received an internship stipend of Rs 15,000 each from Wisdmlabs.

2 students received internships at Dataeaze with a stipend of Rs 12,000 each.

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BE INTERNSHIPS

2 students received an internship stipend of Rs 10,000 each from CodeWalla.

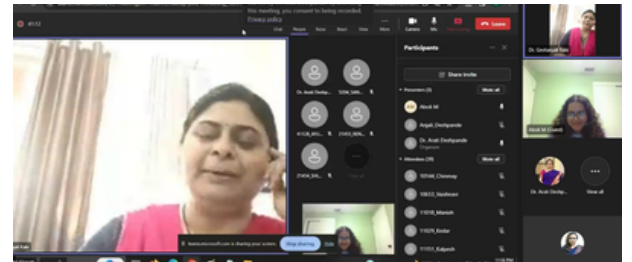4 students received an internship stipend of Rs 10,000 each from Metro-GSC.

Persistent awarded internships to 5 students.

PhonePe awarded internships to 3 students.

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ACTIVITIES CONDUCTED

An online expert session on the topic "How to write a research paper" was delivered by Miss Aboli Marathe, 2023 Carnegie Mellon University graduate in MSML, on February 16, 2024, coordinated by Dr A. R. Deshpande.

An online expert session on the topic "Web Based Application in Java" was delivered by Mr Vedant Bothikar, Software Engineer at Mastercard and Mr Kshitij Deshpande, Associate Product Developer at BMC, on March 10, 2024, coordinated by Prof. J. S. Mahajan, Prof. R. Kulkarni, Dr P. A. Khadkikar and Prof. K. Gangrade, and attended by more than 300 participants.

An expert session on the topic "Fuzzing for memory corruption bugs" was delivered by Mr. Rushikesh Deepakrao Nandekar, M.Tech. (Computer Networks & Information Security), on March 13, 2024, coordinated by Prof. P. A. Jain.

An online expert session on the topic "German Language" was delivered by Mrs Swapana Joshi, on March 10, 2024, coordinated by Prof. S. Shah and attended by more than 300 participants.

A 50-hour Certificate course on "Full stack Web Application Development: Demystified" was coordinated by Dr Geetanjali Kale, Prof. P. J. Jambhulkar, Prof. P. T. Kohok & Prof. R. R. Jadhav between February 26 and April 6 2024. This was attended by 32 participants. The industry resource persons are Mr Akshay Jagtap and Mr Pramod Bansode from Biencaps, Pune.
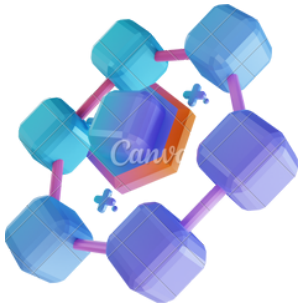
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STAFF ACHIEVEMENTS

Prof. U. S. Pawar participated as a resource person in a national-level certificate course titled "Unlocking Java: Core Java, J2EE, and Android Essentials: Spring Framework," organized by PICT. The course was held on March 8 and 9, 2024.

Prof. P. T. Kohok participated as a resource person in an Institute-level certificate course titled "Blockchain Introduction," organized by PICT. The course was held on October 19, 2024.

Prof. P. S. Joshi participated as a resource person in an Institute-level certificate course titled "Basic Salesforce for LP 2 assignments," organized by PICT. The course was held on May 3, 2024.

Dr A. G. Phakatkar achieved Elite with Silver status for completing the Data Mining course offered by NPTEL at the national level.

Prof. S. W. Jadhav received appreciation for his role as a paper setter for the End Term Examination T. Y. Btech at PCCOE Pune.

Prof. A. A. Chandorkar successfully completed the Operating Systems course offered by NPTEL at the national level.

21 Faculty Members successfully completed the NEP 2020 Orientation & Sensitization Programme organized by UGC - Malaviya Mission Teacher Training Centre at the national level.

Prof. D. D. Raigar achieved Elite status for completing the course on Fundamental Algorithms: Design and Analysis offered by NPTEL at the national level.

Prof. M. S. Wakode received a certificate for serving as a session chair at MITADTSoCiCON2024 at the international level.

Dr. R. A Kulkarni successfully completed the IBM SkillBuild Virtual Faculty Buildthon organized by IBM Smart InternZ and AICTE at the national level.

Prof. M. V. Mane successfully completed the NEP 2020 Orientation & Sensitization Programme organized by UGC - Malaviya Mission Teacher Training Centre at the national level.

Prof. M. V. Mane successfully completed the Stress Management course offered by NPTEL at the national level.

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REVIEWERS

Prof. S. A. Joshi received appreciation for his role as a technical paper reviewer for Publisher QEIIOS at the international level.

Prof. S. A. Joshi received appreciation for his contribution as a funded proposal reviewer for SERB, Government of India, at the national level.

Prof. P. S. Shahane was appreciated for her role in reviewing technical papers for the 14th IEEE Symposium on Computer Applications & Industrial Electronics, Malaysia, at the international level.

Dr. A. G. Phakatkar received a certificate of appreciation for reviewing technical papers at the International Conference on Machine Learning Algorithms – ICMLA 2024, organised by Springer.

STAFF CONTRIBUTIONS
PUBLICATIONS

SCOPUS

Prof. P. Kohok and Dr. G. P. Potdar published an International paper on "Advancements in Legal Document Processing and Summarization" in the COMPUTER RESEARCH AND DEVELOPMENT with ISSN No. 1000-1239.

Prof. P. Joshi published an International paper on "Turning Point Induced Knowledge Forecasting under Uncertainties (TrIK)" in the International Arab Journal of Information Technology with ISSN No. 1683-3198.

Prof. R. A. Paswan published an International paper on "Efficient Diagnosis of Acute Lymphoblastic Leukemia using Transfer Learning" in the International Journal of Intelligent Systems And Applications in Engineering (IJISAE) with ISSN No. 2147-6799.

Dr. B. A. Sonkamble published an International paper on "A Traffic Path Recommendation Using Time Series Based Parameter" in the International Journal of Intelligent Systems And Applications in Engineering (IJISAE) with ISSN No. 2147-67992.

Dr. Geetanjali Kale and Prof. P. Patil published an International paper on "Boosting Attack Detection Capabilities in Multi-Tenant Distributed Systems via Meta-Ensemble Classifiers and Weighted Averaging" in the International Journal on Recent and Innovation Trends in Computing and Communication(IJRITCC) with ISSN No. 2321-8169.

Dr. S. Sonawane published an International paper on "Explicable knowledge graph (XKG): generating knowledge graphs for explainable artificial intelligence and querying them by translating natural language queries to SPARQL" in the International Journal of Information technology(IJIT) Springer with ISSN No. 2511-2112.

Dr. S. Sonawane published an International paper on "Formulation, Proposition and Application of Interval Semigraph" in the WSEAS Transactions on Computer Research with ISSN No. 1991-8755.

CONFERENCE PUBLICATIONS

Prof. P. P. Joshi published an International paper on "XAI Techniques for ICM" at the 2023 7th International Conference On Computing, Communication, Control And Automation (ICCUBEA) with ISBN:979-8-3503-0426-8.

Prof. A. Deshpande published an International paper on "A Novel Machine Learning-Based Approach for Analysis, Prediction and Prevention of Accidents on Indian National Highways" at the 2024 7th International Conference On Computing, Communication, Control And Automation (ICCUBEA) with ISBN:979-8-3503-0426-8.

Prof. K. Waghmare published an International paper on "Impact of Hybrid Sampling on ML-based Network Intrusion Detection Systems" at the 7th International Conference on Inventive Computation Technologies (ICICT) with ISBN: 979-8-3503-5929-9.

Prof. S. Sonawane published an International paper on "Unmasking Disinformation: Detection of Fake News Online Using Learning Techniques" at the 2024 International Conference on Emerging Smart Computing and Informatics (ESCI) with ISBN:979-8-3503-0661-3.

Prof. S. Sonawane published an International paper on "Converting Epics/Stories into Pseudocode Using Transformers" at the 2023 IEEE 20th India Council International Conference (INDICON) with ISBN:979-8-3503-0559-3.

Prof. N. Kapadnis published an International paper on "TrashTreasury: Survey on SWM incentivisation" at the International Convention on AppliedMathematics and Computation in Engineering & Technology 2024 with ISBN NO: 978-81-19585-74-8.

Prof. M. Wakode published an International paper on "Distributed MQTT Broker: A Load-Balanced Redis-based Architecture" at the 2024 International Conference on Emerging Smart Computing and Informatics (ESCI) with ISBN NO: 979-8-3503- 0661-

Prof. P. P. Joshi published an International paper on "Accurate Medicine Recognition and Conversion" at the 2024 International Conference on Emerging Smart Computing and Informatics (ESCI) with ISBN NO: 979-8-3503- 0661-3.

Dr. Geetanjali Kale and P. Navghare published an International paper on "ICode - An Unified Competitive Coding Profile Platform" at the 2024 International Conference on Emerging Smart Computing and Informatics (ESCI) with ISBN NO: 979-8-3503-0661-3.

Dr. Geetanjali Kale published an International paper on "A Survey of Motion Prediction for Autonomous Vehicles Using the Lyft Dataset " at the (ICDSA 2023) International Conference on Data Science and Applications Lecture Notes in Networks and Systems with ISBN NO: 978-981-99- 7820-5.

Dr. G. P. Potdar published an International paper on "Calculation of Neural Network Weights and Biases Using Particle Swarm Optimization " at the International Conference on Computational Intelligence And Xai (Iccixai-2022) with ISBN NO: 978-3-7258- 1072-7.

Prof. S. Sonawane published an International paper on "VaxVerdict :a RoBERTa-Based Multilabel Tweet Classifier" at the Forum for Information Retrieval Evaluation, December 15-18, 2023, India with ISBN NO: 1613-0073.

Prof. S. Sonawane published an International paper on "CLTeam1 at SemEval-2024 Task 10: Large Language Model based ensemble for Emotion Detection in Hinglish" at the 18th International Workshop on Semantic Evaluation (SemEval-2024) with ISBN NO: 979-8-89176- 107-0.

Prof. S. Sonawane published an International paper on "Maven at MEDIQA-CORR 2024: Leveraging RAG and Medical LLM for Error Detection and Correction in Medical Notes" at the Proceedings of the 6th Clinical Natural Language Processing Workshop with ISBN NO: 979-8-89176- 109-4.

Prof. V. S. Gaikwad published an International paper on "Student Attentiveness Assessment based on Emotion Detection Model using Human Facial Expression Recognition" at the Proceedings of the Hinweis 2nd International Conference on Advanced Research in Engineering and Technology 2024.

Prof. M. Mane published an International paper on "A Breif Survey on Video Stabilization" at the The 5 th IEEE International Conference on Recent Trends in Computer Science and Technology (ICRTCST-2024).

Prof. V. S. Gaikwad published an International paper on "Human Exercise Detection and Correction Using MediaPipe Framework" at the Proceedings of the Hinweis 2nd International Conference on Advanced Research in Engineering and Technology 2024.

Prof. M. Mane published an International paper on "A brief survey on video stabilization approach" at the The 5 th IEEE International Conference on Recent Trends in Computer Science and Technology (ICRTCST-2024).

Prof. D. D. Raigar published an International paper on "AML based Web Application Firewall for Signature and Anomaly Detection Using Feature Extraction" at the The 15th International IEEE Conference on Computing, Communication And Networking Technologies (ICCCNT).

Prof. P. Navghare published an International paper on "Comparative Analysis of Machine Learning Algorithms for Cardiovascular Disease Risk Prediction" at the 2024 1st International Conference on Trends in Engineering Systems and Technologies (ICTEST).

JOURNALS

Prof. S. W. Jadhav published an International Paper on "A Survey on the Introduction to Blockchain Technology and its Application for Cryptocurrency" in the Mukt Shabd Journal with ISSN No. 2347-3150.

Prof. R. A. Kulkarni published an International paper on "Hand Gesture-Based Security and Authentication System" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. J. S. Mahajan published an International paper on "Musical Classification and Recommendation using Machine Learning" in the Mukt Shabd Journal with ISSN No. 2347-3150.

Prof. J. S. Mahajan published an International paper on "Applications of GNN in Diverse Domains" in the Bulletin for Technology and History Journal with ISSN No. 0391-6715.

Prof. J. S. Mahajan published an International paper, "Survey Paper on Decentralised Cloud Storage using IPFS" in the International Research Journal of Modernization in Engineering Technology and Science with e-ISSN No.2582-5208

Prof. P. A. Jain published an International paper on "Honeypots and Intrusion Detection: A Comprehensive Survey" in the High Technology Letters with ISSN No. 1006-6748.

Prof. A. G. Phakatkar published an International paper on "A Survey on Development Approaches for Automated MCQ Generator using natural Lnaguage Processing" in the IRE Journals with ISSN No. 2456-8880.

Prof. A. G. Phakatkar published an International paper on "A Survey on Multimodal Recommendation System" in the HTL Journal with ISSN No. 1006-6748.

Prof. A. G. Phakatkar published an International paper on "Identification of Depression from the Speech of A Person" in the IJFMR with ISSN No. 2582-2160.

>>> NEWSLETTER

Prof. P. S. Shahane published an International paper on "Fake News Detection using Natural Language Processing and Ensemble Learning" in the International Journal of Research and Analytical Reviews with ISSN No. 2348-1269.

Prof. P. S. Shahane published an International paper on "Forecasting of India's GDP using Various Regression Algorithms" in the International Research Journal of Engineering and Technology with ISSN No. 2395-0056.

Prof. P. S. Shahane published an International paper on "Sentiment Analysis on Social Media" in the Journal of Emerging Technologies and Innovative Research with ISSN No.2349-5162.

Prof. P. S. Shahane published an International paper on "Depression Detection from Social Media using Bidirectional Encoder Representations from Transformers & Convolutional Neural Network" in the Journal of Emerging Technologies and Innovative Research

Prof. P. S. Shahane published an International paper on "A Survey on Regression Algorithms in Machine Learning" in the Bulletin for Technology and History with ISSN No. 0391-6715.

Prof. P. R. Navghare published an International paper on "Anomaly Detection in Financial Transaction and their different solutions" in the Mukt Shabd Journal.

Prof. N. Y. Kapadnis published an International paper on "Deepfack detection using CNN" in the BTH with ISSN No. 0391-6715.

Prof. N. Y. Kapadnis published an International paper on "Cloud Shield EHR using Cloud Computing and Blockchain" in the Journal of Xidian University with ISSN No. 1001-2400.

Prof. N. Y. Kapadnis published an International paper on "Sentiment Analysis: Analysing Emotional Tone in Text" in the Journal of Xidian University with ISSN No. 1001-2401.

Prof. R. A. Kulkarni published an International paper on "A Review on Classification of Major Depressive Disorder from Brain fMRI Data using Machine Learning Techniques" in the IJRPR with ISSN No. 2582-7421.

Prof. M. S. Chavan published an International paper on "RICE CROP GRAIN QUALITY DETECTOR" 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 "CROP DISEASE DETECTION USING COMPUTER VISION" in the International Research Journal of Modernization in Engineering Technology and Science with ISSN No. 2582-5208.

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Prof. M. S. Chavan published an International paper on "Cyber Security - Password Storage In Browser" in the INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS - IJCRT (IJCRT.ORG) with ISSN No. 2320-2882.

Prof. D. D. Raigar published an International paper on "Survey on SQL Injection Attack Detection" in the STARD Publication with ISSN No. 0039-2049.

Prof. D. D. Raigar published an International paper on "A Comprehensive Survey of ML-Based WAFs with Signature and Anomaly Detection" in the STARD Publication with ISSN No. 0039-2049.

Prof. S. S. Sonawane published an International paper on "Explicable knowledge graph (X-KG): generating knowledge graphs for explainable artificial intelligence and querying them by translating natural language queries to SPARQL" in the International Journal of Information technology, Springer with ISSN No. 2511-2112.

Prof. S. S. Sonawane published an International paper on "Formulation, Proposition and Application of Interval Semigraph" in the WSEAS Transactions on Computer Research, with ISSN No. 1991-8755.

Prof. S. S. Shevtekar published an International paper on "Towards Safer Roads: A Deep Learning Approach to Driver Distraction Detection in Four-wheeler Cars" in the International Scientific Journal of Engineering and Management with ISSN No. 2582-2160.

Prof. S. S. Shevtekar published an International paper on "Enhanced Pothole Detection Using YOLOv8 Nano" in the International Scientific Journal of Engineering and Management with ISSN No. 2583-6129.

Prof. S. S. Shevtekar published an International paper on "Unveiling Crash Casualties: A Neural Network Model for Crash Type Classification Using Traffic Datasets" in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) with ISSN No. 2321-9653.

Prof. S. S. Shevtekar published an International paper on "Traffic-sign Recognition and Detection using Yolo-v8" in the International Journal of Research Publication and Reviews with ISSN No. 2582-7421.

Prof. S. S. Shevtekar published an International paper on "Automating Helmet Usage Detection: A YOLOv8 Based Framework" in the International Journal for Research in Applied Science & Engineering Technology with ISSN No. 2321-9653.

Prof. S. S. Shevtekar published an International paper on "Transformative Applications of Smart Contracts in Healthcare: A Comprehensive Study" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. S. S. Shevtekar published an International paper on "Blockchain-Based Electronic Voting System: Secure and Transparent Implementation for Trustworthy Electoral Processes" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. S. S. Shevtekar published an International paper on "SecureSign: Blockchain-Enhanced Aadhar Authentication And OTP Verification For Voting Systems" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. S. W. Jadhav published an International paper on "Decentralized AI Marketplace using Blockchain" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. K. C. Waghmare published an International paper on "TranscripTalk : Video Summarization And Multilingual Audio Generation For Content Navigation" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. A. D. Bundele published an International paper on "Laser Based Short Range Multipurpose Security System" in the Bulletin For Technology And History Journal.

Prof. A. D. Bundele published an International paper on "Breast cancer detection using decentralized Machine Learning" in the Bulletin For Technology And History Journal.

Prof. M. S. Takalikar published an International paper on "Log-based Anomaly Detection: Unveiling Patterns in ELK Stack Data for Enhanced Financial Security" in the International Journal of Enhanced Research in Management & Computer Applications with ISSN No. 2319-7471.

Prof. M. S. Takalikar published an International paper on "Women Empowerment in Finance: A Catalyst forEconomic Growth" in the Scholarly Research Journal for Interdisciplinary Studies with ISSN No. 2278-8808.

Prof. A. R. Deshpande published an International paper on "Comparative study of sentence paraphrasing in Indian languages" in the International Journal of Engineering Inventions.

Prof. A. R. Deshpande published an International paper on "Revolutionizing Dementia Care: A Brief Survey of Personalized Therapy Recommender Systems" in the International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) with ISSN (O) 2278-1021, ISSN (P) 2319-5940.

Prof. P. J. Jambhulkar published an International paper on "PICT Archieves - Empowering Candidates with Experience Sharing and Advanced Resume Screening" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

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Prof. S. P. Shintre published an International paper on "Survey of Machine Translation Techniques for Low Resource Languages :Insights and Implications for Developing a Generic Translation System for Regional Dialects to Widely Spoken Languages" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. S. P. Shintre published a Journal paper on "Credit Analysis for MSME's" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. P. J. Jambhulkar published an International paper on "RecruitEasy: Elevating Hiring Experiences through Microservices, JWT, DTO, Smart Recommendations, and AI Conversations." in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. M. R. Jansari published an International paper on "A Survey on Smart Healthcare System Using Blockchain and Machine Learning" in the International Journal of Innovative Science and Research Technology.

Prof. M. R. Jansari published an International paper "A Survey Paper Review on Advancements in AI-Driven User Interface Testing" in the International Journal for Research in Applied Science & Engineering Technology with ISSN No. 2321-9653.

Prof. P. T. Kohok published an International paper on ""A Machine Learning Approach for College Admission Prediction" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. P. T. Kohok published an International paper on ""Advancements In Legal Document Processing And Summarization" in the International Journal of Novel Trends and Innovation ijnti.org with ISSN No. 2984-908X.

Prof. P. T. Kohok published an International paper on "Advancements in Legal Document Processing and Summarization" in the COMPUTER RESEARCH AND DEVELOPMENT with ISSN No. 1000-1239.

Prof. P. S. Joshi published an International paper on "Turning Point Induced Knowledge Forecasting under Uncertainties (TrIK)" in the International Arab Journal of Information Technology with ISSN No. 1683-3198.

Prof. K. Gangrade published an International paper on "A Survey on Grayscale Image Colorization" in the Bulletin For Technology And History Journal with ISSN No.0391-6715.

Prof. K. Gangrade published an International paper on "Grayscale Image Colorization using GANs" in the Bulletin For Technology And History Journal with ISSN No. 0391-6715.

Prof. S. Shah published an International paper on "Blockchain-Based Device Lifecycle Tracking: Enhancing Sustainability and Transparency" in the Journal of IoT-based Distributed Sensor Networks with ISSN No. 2583-6226.

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Prof. J. S. Mahajan published an International paper on "Musical Notes Classification and Recommendation Using Machine Learning" in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) with ISSN No. 2321-9653.

Prof. J. S. Mahajan published an International paper on "Decentralized Cloud Storage System Using IPFS" in the International Journal of Innovative Research in Science, Engineering and Technology with ISSN No. 2319-8753.

Prof. Y. Handge published an paper on "Image Piracy Detection on Social Media Platform such as Instagram and Facebook" in the Journal of Emerging Technologies and Innovative Research(JETIR) with ISSN No. 2349-5162.

Prof. R. R. Jadhav published an paper on "Exploring the landscape of diabetes dietary recommender systems: A Survey and Evaluation" in the Journal of Emerging Technologies and Innovative Research (JETIR) with ISSN No. 2349-5162 .

Prof. K. R. Urane published an International paper on "Stress Detection from Visual Expressions" in the Bulletin For Technology And History(BTH) Journal with ISSN No. 0391-6715 .

Prof. R. R. Jadhav published an paper on "Brain Tumour Detection And Classification" in the International Research Journal of Engineering and Technology with ISSN No. 2395-0056 .

Prof. S. W. Jadhav published an paper on "Creation of Custom Blockchain and Cryptocurrency" in the Bulletin For Technology And History Journal (BTH) with ISSN No. 0391-6715.

Dr. G. P. Potdar published an International paper on "Advancements In Legal Document Processing And Summarization" at the International Journal of Novel Trends and Innovation (IJNTI) with ISSN No: 2984-908X.

Dr. G. P. Potdar published an International paper on "Evaluating the Performance of SPDK-based io uring and AIO Block Device" in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) with ISSN No: 2321-9653.

Dr. G. P. Potdar published an International paper on "Providing data redundancy in NVMe frameworks for enhanced data resiliency Journal" in the Tanz Research Journal with ISSN No: 1869-7720.

Prof. Y. Handge published an paper on "Gemelody - Harmonizing Mental Health and Wellbeing Through Musical Game Design" in the International Journal of Scientific Research in Engineering and Management (IJSREM) with ISSN No. 2582-3930.

Prof. Y. Handge published an paper on "Role of Smart Wearables in Remote Patient Monitoring for Diabetes " in the International Journal of Scientific Research in Engineering and Management (IJSREM) with ISSN No. 2582-3930.

>>> NEWSLETTER

Prof. Y. Handge and Prof. S. W. Jadhav published an International paper on "The Evolution and Impact of Music Streaming and Event Booking Apps: A Comprehensive Analysis" in the International Journal of Scientific Research in Engineering and Management (IJSREM) with ISSN No. 2321-9653.

Prof. V. Bagade published an paper on "Classification and Detection of Alzheimer Disease using Pretrained model and Imaging Data Set" in the Gradiva Review Journal with ISSN No. 0363-8057.
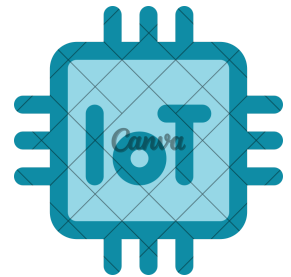
BOOK PUBLICATIONS

Dr. Geetanjali V. Kale published an international book titled "XAI-Based Intelligent Systems for Society 5.0," which explores the use of Explainable AI (XAI) in human motion recognition and analysis for envisioning Society 5.0 through a systematic review.

>>> **NEWSLETTER**

STAFF CONTRIBUTIONS
PATENTS

Prof. Shweta Shah, in affiliation with PICT, was granted a design patent under the title 'IOT Based Traffic Monitoring System Developed and Implemented using Web Server' on June 7, 2024. (Patent application no. 202411040941).

Dr. Rekha A Kulkarni, Dr. Mukta S Takalikar, Dr. Anupama G Phakatkar and Prof. Pranjali P Joshi in affiliation with PICT, was granted a patent under the title 'Method and System for Content based image retrieval using Ensemble Learning' on July 5, 2024. (Patent application no. 202421042745).

>>> NEWSLETTER

STUDENT ACHIEVEMENTS

Praneeth Shetty, Jaydeep Datre, Harsh Dhawale, Ved Khokle, Piyush Jadhav, and Jaydeep Palve are volleyball champions, having secured victories at ZEAL COE and AIT Pune and finishing as the runner-up at Flames University.

Ojasvi Deshpande, Divya Khandare, Varsha Malode, Aditi Nandapurkar, and Parnnika Chavan earned 3rd place in volleyball at ZEAL COE.

Chinmay Patil and Tejas Thorat were the winners of the BOSCH BOROSA Hackathon.

Shantanu Wable, Mihir Deshpande and Piyush Agrawal secured 3rd place in the Barclays India Hack-O-Hire 2024 Hackathon.

Anshul Kalbande, Anurag Mandke, Amey Kulkarni, Tirthraj Mahajan and Advait Joshi were the runner-ups in the Healthcare Domain at the TechFiesta Hackathon.

Sahil Kale, Jay Patankar, Gautam Khaire and Chanchal Wadhwa was the runner-up in the Education Technology Domain at the TechFiesta Hackathon.

Tanmay Shingavi was the winner of the Hack-AI-Thon organized by PICT CSI.

Siddhi N.Kabra was the winner at Impetus, PICT's InC'24 event.

Anushka Joshi was the winner at Impetus, PICT's InC'24 event.

Mayuri Ravindra Kolhe received a special prize from Dell Technologies at Impetus, PICT's InC'24 event.

Aditya Kulkarni secured 2nd place at the Concepts-ML event during PICT's InC'24.

Ridhima Sinare was the runner-up in the Agriculture Domain at the TechFiesta Hackathon.

Aditya Kulkarni secured 2nd place at the Concepts-ML event during PICT's InC'24.

Rushikesh Khiste completed a 5-month internship at Wissen Technology in Baner.

Ruturaj Patil completed a 4-month internship at Merilytics in Hyderabad.

Mayuri Ravindra Kolhe completed a 2-month internship at Poona Diabetes Centre in Pune.

HACKATHON
ACHIEVEMENTS

SMART INDIA HACKATHON (WINNER)

Mr.Sahil Kale
Mr.Saurabh Shete
Mr.Gautam Khaire
Ms.Sara Shaikh
Mr.Shrikant Bhadgaonkar
Mr.Tanmay Jadhav

SMART INDIA HACKATHON (WINNER)

Mr.Devraj Shetake
Mr.Aditya Patil
Mr.Shreyas Chandolkar
Mr.Sohel Shaikh
Mr.Pranit Kothawade
Ms.Pranoti Bharade

VERITAS UCONNECT2.0 HACKATHON CONDUCTED ACROSS PAN INDIA!! (WINNER RANK1)

Mr. Shivkumar Ranade
Mr. Ruturaj Panditrao
Mr. Dhanajay Singh

BARCLAYS IN INDIA HACK-O-HIRE2024

Mr. Shantanu Wable
Mr. Anish Pawar
Mr. Mihir Deshpande
Mr. Piyush Agrawal

BOSCH BOROSA HACKATHON (WINNER)

Mr.Chinmay Patil
Mr.Tejas Thorat

WINJIT TECH FEST'S HACKATHON

Mr.Sai Jadhav
Mr.Pranay Chavan

TECHFIESTA: AN INTERNATIONAL HACKATHON

Mr.Anshul Kalbande
Mr.Advait Joshi
Mr.Anurag Mandke
Mr.Amey Kulkarni
Mr.Tirthraj Mahajan

TECHFIESTA: AN INTERNATIONAL HACKATHON

Mr.Sahil Kale
Mr.Jay Patankar
Mr.Gautam Khaire
Ms.Chanchal Wadhwa

TECHFIESTA: AN INTERNATIONAL HACKATHON

Ms.Ridhima Sinare
Mr.Shubham Vetal
Ms.Sakshi Yadav
Mr.Vishwajit Patil
Mr.Mitul Shah

DEVCLASH: ORGANIZED BY
DY PATIL INSTITUTE OF TECHNOLOGY PIMPRI,PUNE
(WINNER)

Mr.Yash Bhoomkar
Mr.Amey Joshi
Mr.Tanmay Shingavi
Mr.Swaroop Pokharkar

MINDSPARK '23 TATA POWER
HACKATHON ORGANIZED BY COEP, PUNE

Mr.Tejas Thorat
Mr.Mustafa Trunkwala
Ms.Riya Wani
Mr.Ameya Surana

MINDSPARK '23 TATA POWER HACKATHON ORGANIZED BY COEP, PUNE

Ms. Mayuri Ravindra Kolhe
Mr. Pranay Shankarrao Chavhan

MINDSPARK '23 TATA POWER HACKATHON ORGANIZED BY COEP, PUNE

Mr.Shantanu Wable
Mr.Piyush Agarwal
Mr.Mihir Deshpande

GENESIS 3 HACKATHON ORGANIZED BY AIT, PUNE

Mr.Aditya Malu
Mr.Vedant Chakkarwar
MrKshitij Aurcharmal

HACK-AI-THON ORGANIZED BY PICT CSI

Mr.Tanmay Shigavi
Mr.Prajwal Padole
Mr.Kshitij Markandeya
Mr.Swarup Pokharkar

VOLLEYBALL BOYS TEAM WON THE ZEAL COE PUNE'S ZEALVO VOLLEYBALL COMPETITION

Mr.Praneeth Shetty
Mr. Jaydeep Datre
Mr. Harsh Dhawale
Mr. Ved Khokle
Mr.Piyush Jadhav
Mr. Jaydeep Palve

VOLLEYBALL BOYS TEAM WON THE AIT COE PUNE'S PACE VOLLEYBALL COMPETITION

Mr.Praneeth Shetty
Mr. Jaydeep Datre
Mr. Harsh Dhawale
Mr. Ved Khokle
Mr. Piyush Jadhav
Mr. Jaydeep Palve

VOLLEYBALL BOYS TEAM RUNNER-UP IN THE FLAMES UNIVERSITY PUNE'S VOLLEYBALL SUPER CUP COMPETITION

Mr.Praneeth Shetty
Mr. Jaydeep Datre
Mr. Harsh Dhawale
Mr. Ved Khokle
Mr. Piyush Jadhav
Mr. Jaydeep Palve

VOLLEYBALL BOYS TEAM RUNNER-UP IN THE DYPATIL UNIVERSITY PUNE'S INTERCOLLEGIATE TOURNAMENT.

Mr.Praneeth Shetty
Mr. Jaydeep Datre
Mr. Harsh Dhawale
Mr. Ved Khokle
Mr. Piyush Jadhav
Mr. Jaydeep Palve

VOLLEYBALL GIRLS TEAM RUNNER UP IN THE PICT PUNE'S ELEVATE'24 VOLLEYBALL COMPETITION

MS.Ojasvi Deshpande
MS. Divya Khandare
MS. Varsha Malode
MS.Aditi Nandapurkar
MS. Parnnika Chavan

VOLLEYBALL GIRLS TEAM GOT 3RD PLACE IN THE ZEAL COE PUNE'S ZEALVO VOLLEYBALL COMPETITION

MS.Ojasvi Deshpande
MS.Divya Khandare
MS. Varsha Malode
MS. Aditi Nandapurkar
MS.Parnnika Chavan

ALUMNI MEET

On April 6th, 2024, PICT hosted the much-anticipated Alumni Meet, which was attended by 132 alumni. A special highlight of the evening was the presence of 20 alumni from the Silver Jubilee batches of 1996 to 1998, celebrating their return to the alma mater after 25 years. Mr. N. Ramkrishna and Principal Dr. S. T. Gandhe delivered compelling keynote addresses sharing invaluable insights with the alumni and the institute's vision respectively. Dr. S. S. Sonawane and Dr. V. B. Vaijapurkar presented the Alumni Association's roadmap, detailing departmental advancements and highlighting the association's ongoing projects. A panel discussion was held featuring prominent alumni discussing the contribution of alumni for the growth of the institute and bridging the gap between industry and academia. The event also saw the appointment of 35 batch ambassadors and concluded with several alumni pledging their support to their alma mater.

CLUB EVENTS

CAMPUS TO CORPORATE

"CAMPUS TO CORPORATE" TRAINING SERIES FOR STUDENTS FOCUSING ON SOFT SKILLS, LEADERSHIP DEVELOPMENT, TEAM WORK, RESUME WRITING, AND INTERVIEW TECHNIQUES.

CLUB EVENTS

NATIONAL LEVEL ACM-W INDIA LADY ADAPROGRAMMING CONTEST

CLUB EVENTS

CREDENZ

HSBC IIT B CTF

SUMMARY

169 PAPERS — RESEARCH

7 Total Rs.21,16,000 — CONSULTANCY

2 BOOKS — PUBLICATIONS

13 — PATENTS

145 — FDP ATTENDED

580 — INTERNSHIP

285 — PLACEMENT

30 — ACTIVITIES

42
PAPERS

285

59
ORGANISED

580

262
CERTIFICATE
COURSES

12

SUMMARY

PUBLICATIONS

PLACEMENT

INTERNSHIPS

EVENTS

SPORTS

CERTIFICATES

CULTURAL

TECHNICAL

29
WINNERS

46