

JANUARY - MARCH 2022

**PUNE INSTITUTE OF COMPUTER
TECHNOLOGY**

DEPARTMENT OF COMPUTER ENGINEERING



Vision

Achieve academic excellence through education in computing to create intellectual and professional manpower to explore higher educational, research, and social opportunities.

Mission

To impart learning by educating students with conceptual knowledge, hands on practices using modern tools and free and open source software, competency skills, and social awareness thereby igniting the young minds for innovative thinking, professional expertise and research.

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 the publication.

Dr. Geetanjali V. Kale , Head , Department of Computer Engineering

Message from Editor's Desk

Presenting to the readers and making the work of faculties and students reflect in the newsletter was really a wonderful task and on behalf of our team we present to you this wonderful ride of talent, achievements and joy.

In This Issue

- **Training & Placements/Internships**
- **Activities Conducted**
- **Staff Contribution & Achievement**
- **Student Achievements**
- **Alumni Achievements**
- **International Conference**

Editorial Team

Prof. Preeti. A. Jain
Prof. Kopal Gangrade
Prof. Shruti R. Kudagi

Training & Placements/Internships

Placements

- Total **241** students out of 312 from department have been placed.

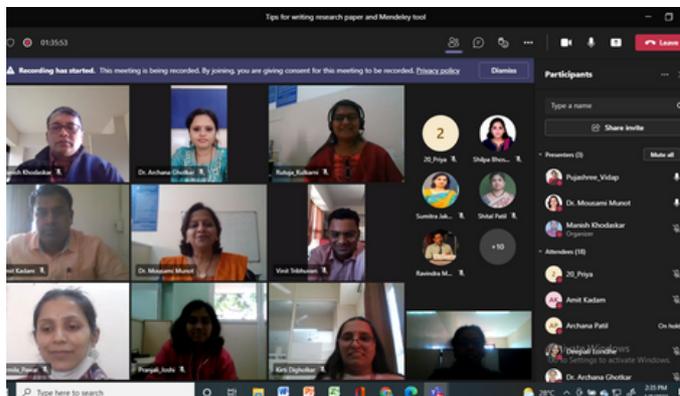
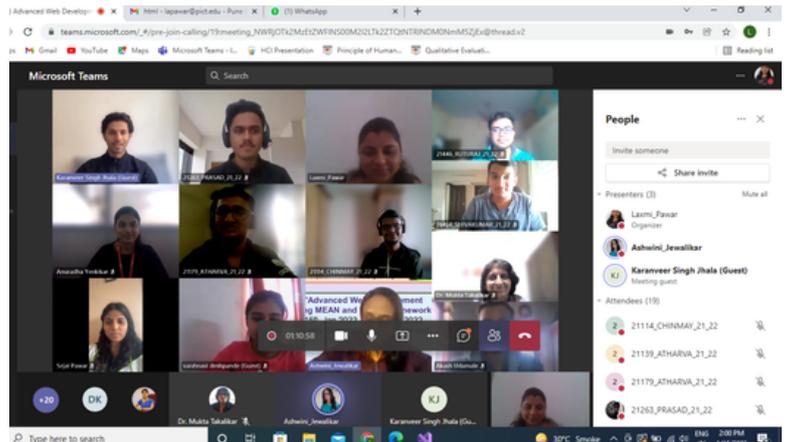
Internship Highlights

- **Utkasha Nehe, Sana Chaudhari, Kirti Palwe** got internship in Adobe-Stipend with stipend of INR 100000 per month.
- **Rishi Gondkar** got research internship in Mitacs Globalink at Western University, London, Canada.
- **Manisha Rathod** got internship in Microsoft with Stipend of INR-95000 per month.
- **Anupam Patil** got internship in IIIT Hyderabad with stipend of INR-50000 for 3 months.
- **Anurag Shankar** got intership in IIIT Madras with stipend of INR-50000 for 3 months.

Activities Conducted

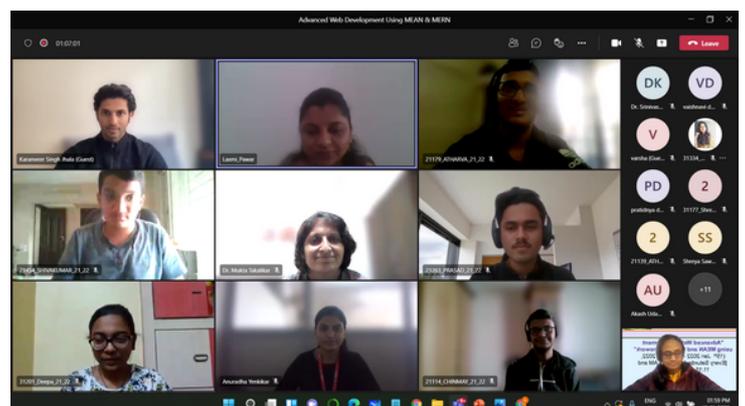
Department always take continuous efforts to achieve academic excellence for being in tune with current technologies for which following enhancement activities are conducted:

A Certificate Course on **Advanced Web Development using MEAN and MERN Framework** was delivered by Mr. Karanveer singh Jhala, solution developer from Hong Kong & coordinated by Prof. A. A. Jewalikar and Prof. L. A. Pawar from 05/01/2022 to 15-01-2022, with 27 participants.



A Training program on **Tips for Writing Research Paper and Mendeley Tool** was delivered by Dr. Mousami Munot, Associate Professor E&TC Engineering department PICT & coordinated by Prof. P. S. Vidap on 08/01/2022, with 74 participants.

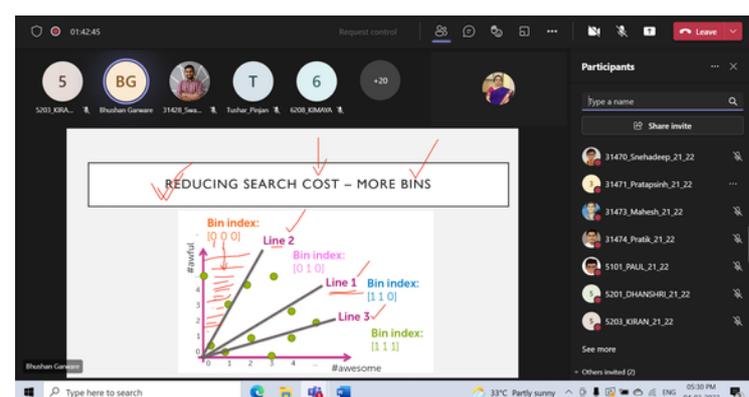
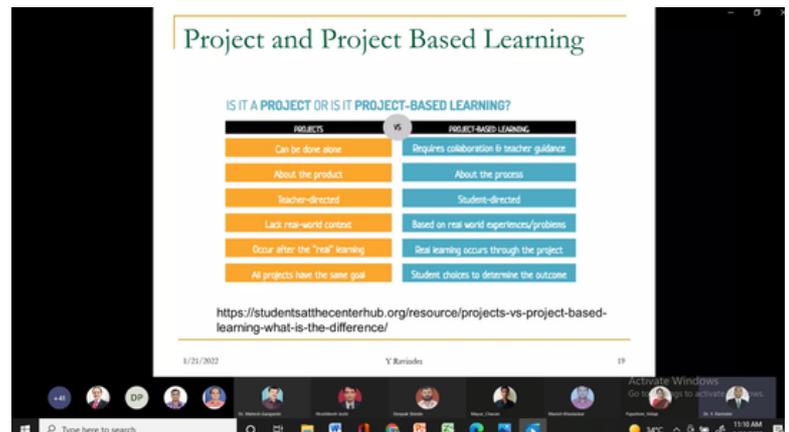
A Webinar on **A Glimpse in to Scalable High Level System Design on Cloud** was delivered by Mr. Karanveer singh Jhala, solution developer from Hong Kong & coordinated by Prof. A. A. Jewalikar and Prof. L. A. Pawar on 15/01/2022 with 28 participants.



Activities Conducted

Department always take continuous efforts to achieve academic excellence for being in tune with current technologies for which following enhancement activities are conducted:

An online faculty orientation program on **Project Based Learning and Uniform Implementation** was delivered by Dr. Y. Ravinder Professor E&TC Engineering department PICT & coordinated by Prof. P. S.Vidap on 21/01/2022, with 60 participants.



An online Video Conference on **Information Retrieval and Neighborhood Methods** was delivered by Dr. Bhushan Garware, Senior Architect, Growth and Solution & coordinated by Prof. A. R. Deshpande on 04/03/2022, with 40 participants.

Staff Contribution & Achievements

Patents

- A patent titled "A System & method for enabling gesture based communication for differently abled individuals" was filed & published in year 2020. Author for the patent are **Prof. P. S. Vidap & Dr. A. S. Ghotkar**.
- A patent titled "AI & ML based leaf disease classification for crop yield" was filed by **Prof. M. V. Mane**.
- A patent titled "Online depression detection using machine learning" was filed & published in year 2022. Authored by **Prof. P. A. Khadkikar**.

Achievement

- **Dr. Amar Buchade** has received PICT IEEE Student Branch Outstanding Student Branch Counsellor award on 31/01/2022.

Research Publications

- **Dr. G. P. Potdar** has published a research paper titled "Demand Forecasting for Inventory Optimization" in an international Journal of Emerging Technologies & Innovative Research(JETIR) with volume 8 Issue 12, ISSN No. 2349-5162.
- **Dr. S. A. Joshi** has published a research paper titled "Persona Identification based on Social Media Profile Images for Personification and Safety" in Webology with ISSN No.- 1735-1888x by Info SCI.
- **Dr. A. S. Ghotkar** has published a research paper titled "Recommendation and Prediction of Solar energy consumption for smart homes using machine learning alg" in 1st IEEE International Conference on Artificial Intelligence and Machine Vision with ISSN No.-978-1-6654-4211-4 by IEEE.

Published Book

- **Dr. A. S. Ghotkar** has published a book titled "Information Retrieval and Natural Language Processing A Graph Theory Approach" in Springer with ISBN No.-2197-6503.

Student Achievements

Department always encourage all students to show-case their talent by participating in various events & proud to share following student achievements.

| Sr No | Student Name | Class | Achievements |
|-------|---|-------|---|
| 1 | Akash Cheke | TE | Received a summer internship at Goldman Sachs |
| 2 | Yogesh Kulkarni | BE | Selected as an NLP Intern at Episource LLC |
| 3 | Yogesh Kulkarni | BE | Presented a research paper titled "EnsembleNTLDetect: An Intelligent Framework for Electricity Theft Detection in Smart Grid" accepted at 2021 International Conference on Data Mining Workshops (ICDMW) (CORE A*) and received Rs. 15,000/- financial support from College |
| 4 | Satyajit Roy and Akshit Madan | TE | Won the Top Team Award in CrowdHacks, a national level hackathon organized on Dare2Compete Platform. The competition was judged by Indian IT Professionals as well as International judges from Russia and Europe. |
| 5 | Nishant Khaladkar | TE | Earned the Consolation prize in Sangitmay Savarkar competition for the year 2021 |
| 6 | Ritu Chudiwal | SE | Selected for 2nd qualification round of Google's techmakers Women's scholarship, Successfully conducted 2 SIG's from PCSB for C++, Gained 2 stars in hackerrank problem solving |
| 7 | Reet Khare, Samidha Ramteke, Ayush Gala, Tejas Bendkule | SE | Won the second prize and cash prize of Rs. 20000 in Gaming Frontier Challenge, a Game Jam hosted by IIT Madras |

Student Achievements

Congratulations SE May 2020 Computer Branch University Toppers!!!

| Sr. No. | Seat No. | Rank | Student Name | % of Marks |
|---------|------------|------|------------------------------------|------------|
| 1) | S150054207 | 1 | <u>Agarwal Pratik Shyamprakash</u> | 10 |
| 2) | S150054300 | 1 | <u>Gokhale Atharva Ajay</u> | 10 |
| 3) | S150054362 | 1 | <u>Kouigi Anish Sachin</u> | 10 |
| 4) | S150054372 | 1 | <u>Kulkarni Vishwa Shreedhar</u> | 10 |
| 5) | S150054517 | 3 | <u>Utkarsha Nehe</u> | 9.96 |
| 6) | S150054342 | 4 | <u>Karale Komal Ashok</u> | 9.94 |
| 7) | S150054326 | 5 | <u>Joshi Vedant Girish</u> | 9.92 |
| 8) | S150054215 | 5 | <u>Anuraag Shankar</u> | 9.92 |
| 9) | S150054424 | 5 | <u>Nikhal Omkar Veerendra</u> | 9.92 |
| 10) | S150054437 | 5 | <u>Patil Pranav Pradeep</u> | 9.92 |
| 11) | S150054501 | 5 | <u>Sumit Singh</u> | 9.92 |
| 12) | S150054528 | 5 | <u>Wagh Prachi Shantaram</u> | 9.92 |
| 13) | S150054525 | 6 | <u>Vyawahare Ameya Ramesh</u> | 9.9 |
| 14) | S150054230 | 7 | <u>Belgaumwar Priyal Sudhir</u> | 9.88 |
| 15) | S150054226 | 8 | <u>Bankar Manali Mohan</u> | 9.84 |
| 16) | S150054344 | 8 | <u>Kashid Patil Vikrant Sunil</u> | 9.84 |
| 17) | S150054357 | 8 | <u>Khushi Ashish Asawa</u> | 9.84 |
| 18) | S150054208 | 9 | <u>Agrawal Jagruti Balram</u> | 9.82 |
| 19) | S150054418 | 9 | <u>Rohan Naik</u> | 9.82 |
| 20) | S150054468 | 9 | <u>Aharva Saraf</u> | 9.82 |
| 21) | S150054415 | 9 | <u>Mundada Sanket Chandrakant</u> | 9.82 |
| 22) | S150054397 | 9 | <u>Manasa BSV</u> | 9.82 |
| 23) | S150054521 | 9 | <u>Varun Karwa</u> | 9.82 |
| 24) | S150054534 | 10 | <u>Yogesh Kulkarni</u> | 9.8 |
| 25) | S150054380 | 10 | <u>Rohan Limaye Yogesh</u> | 9.8 |
| 26) | S150054430 | 10 | <u>Parnika Parag Pitale</u> | 9.8 |
| 27) | S150054262 | 10 | <u>Dahad Tejas Kiran</u> | 9.8 |

Congratulations TE May 2020 All Branches University Topper!!!

| Sr. No. | Seat No. | Rank | Student Name | % of Marks |
|---------|------------|------|--------------------------------|------------|
| 1. | T150054358 | 10 | <u>Kulkarni Pranav Jagdish</u> | 9.76 |

Congratulations TE May 2020 Computer Branch University Toppers!!!

| Sr. No. | Seat No. | Rank | Student Name | % of Marks |
|---------|------------|------|--------------------------------|------------|
| 1) | T150054358 | 5 | <u>Kulkarni Pranav Jagdish</u> | 9.76 |
| 2) | T150054272 | 8 | <u>Dhoka Vidhi Hitesh</u> | 9.67 |
| 3) | T150054395 | 9 | <u>Nale Tanmay Vilas</u> | 9.65 |

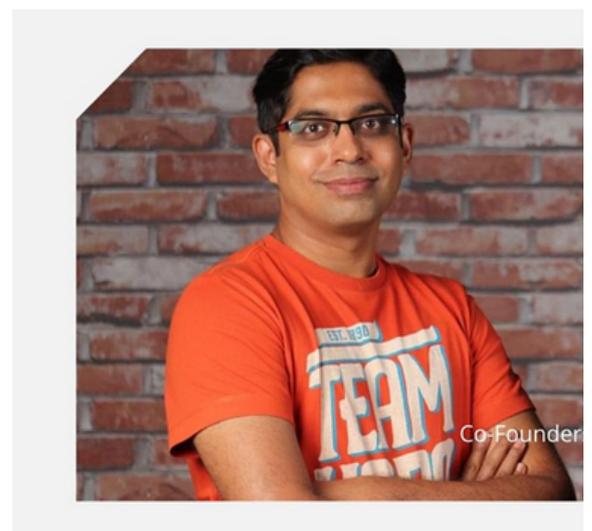
Alumni Achievements

Sweta Samota received “Best Book Coach, Author and Speaker” award at Global Fame Awards 2022



Ashish Khushu named as one of Top 30 CTOs in India by startupplanes.com

Sujit Kapre Cofounder of iMocha. Pune-headquartered digital skills assessment platform iMocha today raised \$14 million in a Series A round led by Eight Roads Ventures.



International Conference

PICT has organized three-day 2nd International Conference on ICEI-2022. This provides a common platform for scientists, technologists, engineers, academicians & researchers around the world to showcase their innovative ideas and research experiences. All staff from the department have also actively contributed to make this event a grand success.



Dr. Geetanjali V. Kale, Dr. Kavita A. Sultanpure and Dr. Pradip S. Varade were the convener and TPC for the ICEI-2022.



Some Glimpses

Department Get-together



InC 2022

