



COMPENDIUM

VIT Pune(2024-25)

Volume 1

ABOUT INSTITUTE

VIT Pune stands at the forefront of academic excellence, fostering a dynamic and inclusive learning environment. Known for its commitment to innovation, research, and holistic development, the institute continues to shape future leaders in various fields of study. With state-of-the-art infrastructure, cutting-edge laboratories, and a strong emphasis on hands-on learning, VIT Pune offers students an education that is both rigorous and relevant to the demands of the global workforce. Our dedicated faculty, diverse student body, and vibrant campus life create an ecosystem where academic pursuits are complemented by extracurricular activities, encouraging personal growth and leadership. As we strive for excellence, VIT Pune remains committed to producing individuals who are not only technically proficient but also socially responsible, ready to contribute meaningfully to society and the world.



DEPARTMENT OF COMPUTER ENGINEERING

ABOUT DEPARTMENT

The Computer Engineering Department at VIT Pune continues to be a hub of innovation, academic excellence, and technological advancement. Our department is dedicated to providing a robust learning environment that empowers students with the skills and knowledge required to excel in the rapidly evolving field of computer science and engineering. With a focus on both theoretical foundations and practical application, we offer cutting-edge courses, hands-on projects, and research opportunities in emerging technologies like Artificial Intelligence, Machine Learning, Cybersecurity, and Data Science. Our highly qualified faculty, state-of-the-art infrastructure, and collaborative research initiatives ensure that students are well-prepared to meet the challenges of the future. We take immense pride in our students' achievements, as they continue to make their mark in academia, industry, and entrepreneurship. The department remains committed to nurturing creativity, critical thinking, and a passion for technological innovation.

HOD DESK



PROF. DR. SANDIP SHINDE
HEAD, DEPARTMENT OF
COMPUTER ENGINEERING

As the Head of the Computer Engineering Department at VIT Pune, I am immensely proud of the exceptional progress our students and faculty continue to make each semester.

This academic term has seen remarkable achievements in both academic excellence and research innovation. Our students have demonstrated outstanding skills in cutting-edge technologies, while our faculty have been continuously pushing boundaries with their research and contributions to the field. As we move forward, we remain committed to fostering an environment of creativity, critical thinking, and hands-on learning. We aim to equip our students with the necessary tools to excel in the ever-evolving tech landscape, and we are excited for the opportunities that the upcoming semester will bring. I extend my gratitude to our dedicated faculty, staff, and students for their unwavering dedication to excellence.

HACKATHON

24-Hr hackathon: 250 shortlisted, 150 attended offline,
3-4 teams joined online



SMART INDIA HACKATHON WINNERS



TEAM ABHYUDAY (VIT Pune)

Suyash Dongre
Aryan Konde
Tarun Kasliwal
Khushi Bora
Kavya Amrutkar
Arpita Kulkarni.

SMART INDIA HACKATHON



Team Wardens (VIT Pune)

Pratham Gadkari

Siddhartha Chakrabarty

Sneha Jain

Suraj Chavan

Anuj Tadkase

Sakshi Salunke

GenAI Lab setup

1. CoE in GenAI by Accion Labs (inaugurated on 11/10/2024, # 10 projects under CoE in GenAI. #48 students #13 faculties)
2. CoE in Data Analytics by SAS Lab (in process)
3. CoE in IoT by Arduino (in process)



Pune, MH, India

Appar Market Road, Bibwewadi, Pune,

e-Zest

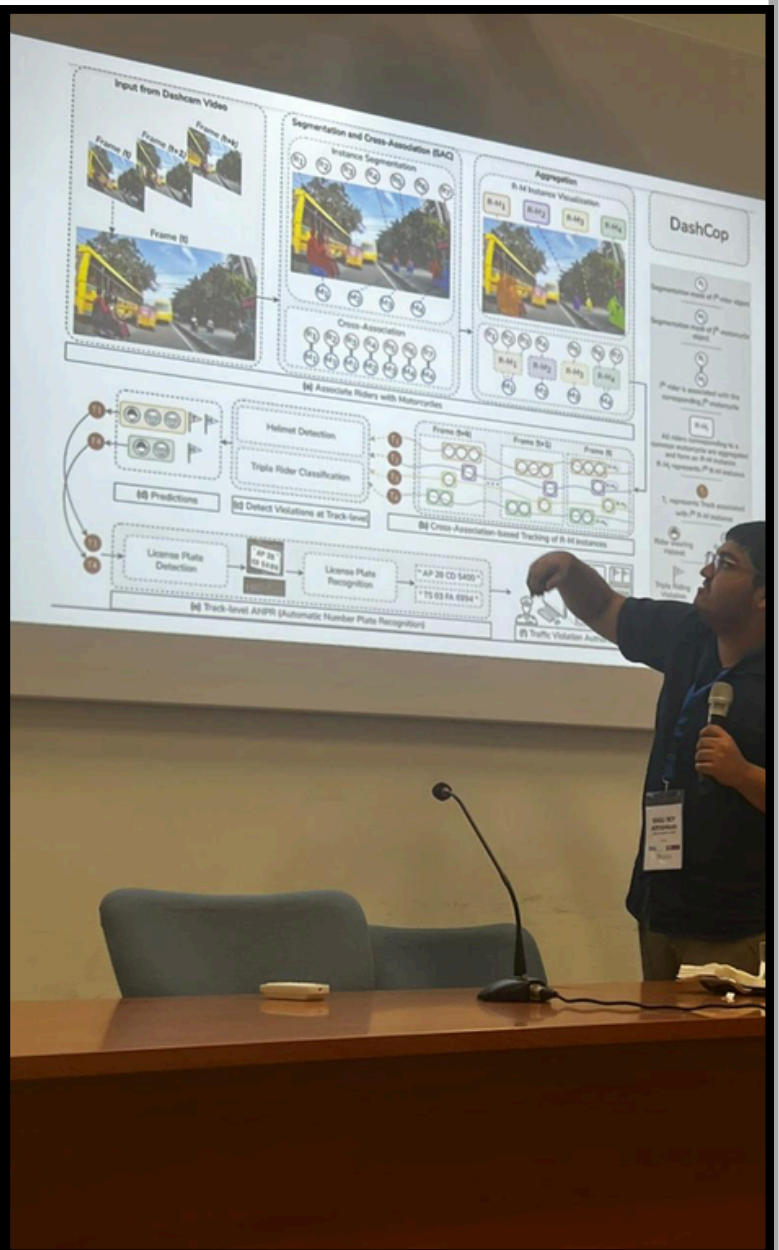
1. e-Zest An Accion Labs Company
2. Codewits
3. IITM (in process)
4. Arduino (in process)
5. Hanesbrands ROH Asia Ltd. Thailand (in process)



Pune, Maharashtra, India

666, Upper Indira Nagar, Bihuvavadi, Pune, Maharashtra 411027, India

Mr. Tejas Pradan - Alumni Comp Engg (2023 passout) in Germany attended a summer school in Naples, ITALY 🇮🇹 in Dec 2024. He has received a travel grant worth Euro 500+ attending Reco System Summer School - ISACT 2024 there. Mr. Tejas Pradan - Alumni Comp Engg (2023 passout) in Germany attended a summer school in Naples, ITALY 🇮🇹 in Dec 2024. He has received a travel grant worth Euro 500+ attending Reco System Summer School - ISACT 2024 there.



Internship

1. Abinitio- Data Engineering (#30 TY-students)
2. Barclays Cybershala (#170+ students, #12 faculties)
3. Zensar-Game Engineering (#2 TY-students, 1 faculty)
4. BMC-Mainframe (#40 students)



Industry Visits

1. CDAC (# 29 students, # 2 faculties)
2. Barclays (#2 students, #12 faculties)
3. SAS R&D (#16 students, 1 faculty)
4. Automatic Electric (AE), Lonavala. (#5 students, #3 faculties- CS, EnTC, AIML-VIT-B/VIT-K)



Industry Projects

1. # 81 CS-students,
2. # 9 CS-faculties



Guest Lectures Arranged

By 13 industry experts from companies like NICE, Barclays, Codewits, JPMorgan Chase & CO



Guest Lectures Arranged

Cyber Security Career Opportunities with Codewits



Guest Lectures Arranged

GuesGuest Session on Gen AI by NICE Actimize



EVENTS ORGANIZED

MLOps Unleashed



During the month of August 2024, the Computer Society of India (CSI) at VIT Pune took significant strides in enhancing the technical acumen of students

EVENTS ORGANIZED

PRISM 2024



The event was the first of its kind at VIT and attracted participation from a wide array of students, primarily from various NSS Units. In addition to it, First Year (FY), Second Year (SY), Third Year (TY), and Final Year (B. Tech.) students of VIT also took part in the event as “attendees”.

EVENTS ORGANIZED

Internal Smart India Hackathon



The Internal Smart India Hackathon (SIH) 2024 at VIT Pune was a platform for students to showcase their creativity, innovation, and problem-solving skills.

EVENTS ORGANIZED

Prism Social conference

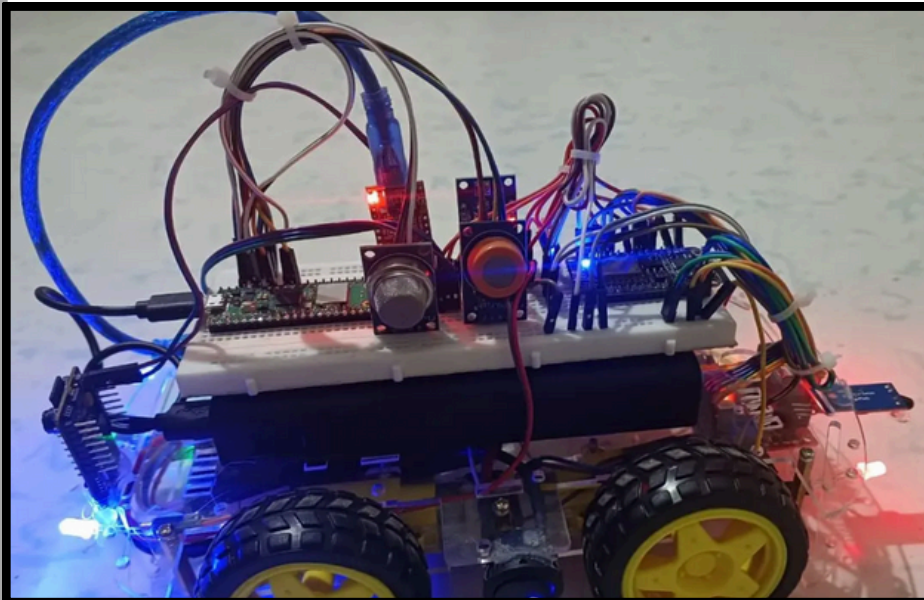


PRISM'24 was a resounding success, achieving its goal of inspiring innovation and collaboration in public reform and sustainability. Being the MAC Coordinator allowed me to play a vital role in this impactful initiative, and the experience has furthered my professional and personal growth.

AWARDS

Idea Ignite Hackathon

Shreya Barsude



AWARDS

Business and System Innovation Challenge

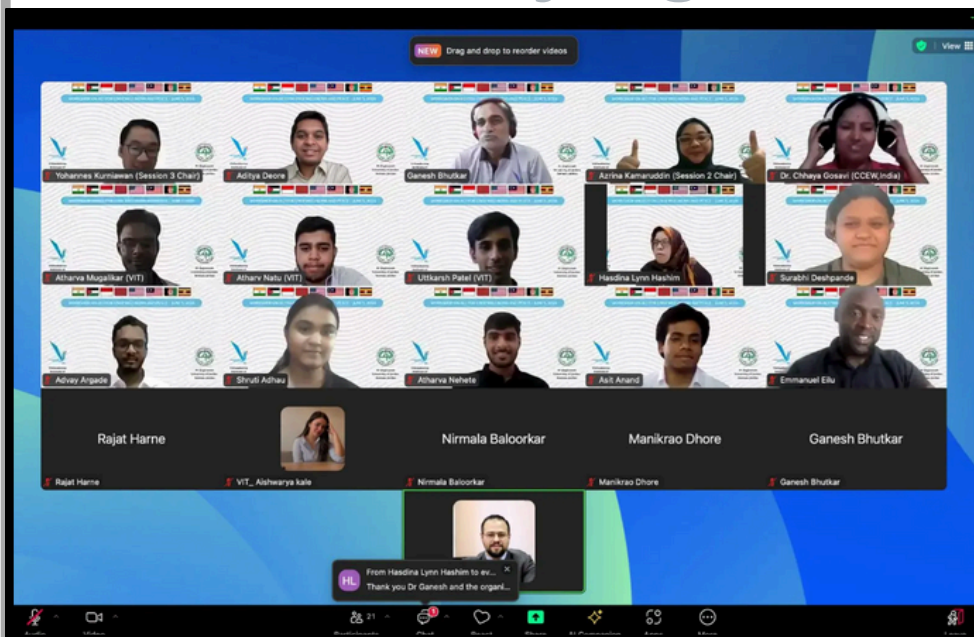
Varad Kulkarni
Karan Harshey
Aniket Kalbhor



AWARDS

User Wellbeing & Peace Conference

Varad NAditya Deore,
Asit Anand,
Advay Argade





AWARDS

UI/UX competition in business and system innovation

Ayush lodha,
piyush lodha,
aryan parikh



CERTIFICATE AWARDED TO

AYUSH HARSHAD LODHA

For Excellent Participation from "Krono" Team as **Finalist** for UI/UX Competition in "Business and System Innovation Challenge 2024" Hosted by School of Information Systems, Bina Nusantara University

Held on August 21st, 2024
Jakarta, Indonesia

Angelia Cristine Jiantono, S.Kom.
Head of Business and System Innovation
Challenge 2024 Committee

CASE PARTNER



Deloitte.

SUPPORTED BY



ORGANIZED BY



AWARDS

Eyantra INnovation Challenge

Kunal Sonne



Engineering a better tomorrow

ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai-400 076.

Date of Issue: 12-11-2024



Certificate of Completion

This certificate is awarded to **PRABHAKAR UPARKAR**, from **Vishwakarma Institute of Technology, Pune Maharashtra**, for successfully completing the **e-Yantra Online Course on Innovation and Entrepreneurship**, MOOC conducted as a part of the **e-Yantra Innovation Challenge (eYIC 2024-25)**.

The student has acquired the following skillset during the course period:

1. Understanding Problems and Their Nature
2. Cause-Effect Mapping Across Verticals
3. Stakeholder Mapping and Empathy as a Tool
4. Defining the Problem Statement
5. Incorporating Research and Creativity
6. Developing User Personas and Metaphor Thinking
7. Product Design and MVP (Minimum Viable Product)
8. Analyzing with Business Model Canvas, SWOT, and PESTEL.



Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
Indian Institute of Technology Bombay



e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

Certificate of Merit awarded to the participant for outstanding performance in the course.
Certificate of Completion awarded to the participant for completing all the tasks in the course.
Certificate of Participation awarded to the participant for partial completion of tasks in the course.

AWARDS

Internal smart India hackathon

anvita chougule, siddhi mohol,
shivam chouhan, soham pawar,
tanmai tale



AWARDS

TECHEXPO

Shaikh Abbas Moasalim
Kanchan Sadashiv Swami
Sai Shital Watile

CERTIFICATE OF APPRECIATION

THE FOLLOWING AWARD IS GIVEN TO

Abhishek Veer

This certificate is given to Abhishek Veer
for his achievement in the field of education and proves that he is competent in his field.

Mahadev Sahani
Head of Event



Mahima Wankhede
Mentor

AWARDS

Intercollegiate chess championship (boys) 2024-25

Vinit dhoot, Pranit Kothari,
Ashish Sankalecha



AWARDS

Tieotevery Hackathon Mindspark'24

Vedika Patil, Atharva Patwardhan,
Mrunmayi Pidadi, Shreya Kalel



VISHWAKARMA INSTITUTE
OF TECHNOLOGY, PUNE

Tieotevery Hackathon at COEP MindSpark'24

18th & 19th October, 2024

5th Rank



AWARDS

ICAAIML-2024

Akshat Shaha
Shalvi Shah
Shardul Walunj

1st INTERNATIONAL CONFERENCE
ON
APPLIED ARTIFICIAL INTELLIGENCE
AND MACHINE LEARNING

30th & 31st August, 2024



VIGNAN
Institute of Technology & Science



Certificate

This is to certify that, Mr./Ms./Dr. Akshat M. Shaha , Department of Engineering, Science and Humanities , Vishwakarma Institute of Technology, Pune, Maharashtra , India has presented a paper in the **1st International conference on Applied Artificial intelligence and Machine Learning** organized by the Department of **CSE, IT, CSE (AI&ML), CSE (DS) and AI&DS** at **Vignan Institute of Technology and Science, Hyderabad, Telangana, India** held on 30th & 31st August 2024.

Paper Title : **Gesture Activated Cycling Gloves .**

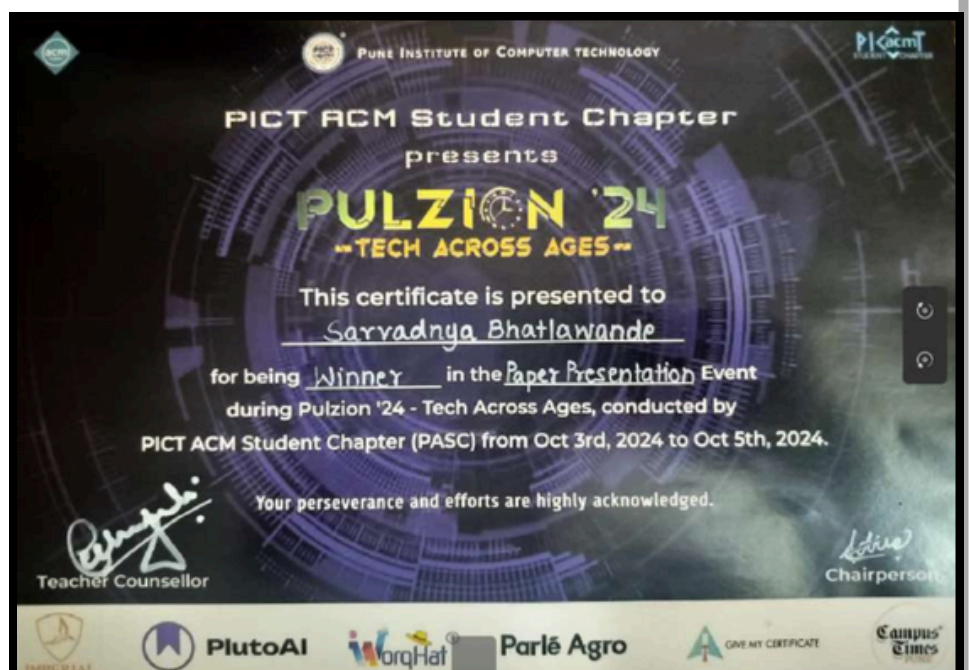

CONVENER


PRINCIPAL

AWARDS

PULZION 24 (organized by the PICT ACM Student Chapter)

Sarvadnya Bhatlawande




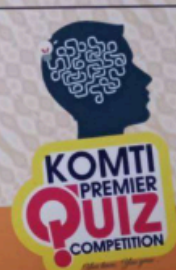


AWARDS

Komti Premier Quiz, Nagpur

Ameya Prashant Paldewar



| | | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | MAHARASHTRA ARYA VAISHYA SAMAJ, NAGPUR | |  |  |
| | | Date / दिनांक : 22/09/2024 | | |
| PAY <u>AMEYA PALDEWAR</u> | | OR BEARER / या धारक को | | |
| RUPEES / रुपये | | | | |
| <u>Tewenty One Thousand Only</u> | | अदा करे | | |
| A/c No. <u> </u> | | SB A/c <u> </u> | | |
| रामनगर, अमरावती रोड, नागपूर - 440033 | | RTGS / NEFT IFSC : MAVS0000002 | | |
| | | 52400 69524002 045504 32 | | |
| | |  | | |

FACULTY AWARDS



Research Award
Dr. D.T. Mane

THANK YOU