



Dr. Y.D. Bhise was invited as a Resource person at Rasbihari International School, Nashik on 28/06/2024 to guide to students of 9th and 10th std. on the topic “Career Guidance and Interview Skills”.



Three Days free online Training on “Open AI API” conducted By **Mr. Vijay Agarwal (1996 batch)**, working in the USA from 4th July to 6th July. More than 100 BE students attended the training session.

Mr. Vijay Agarwal (1996 batch) working in the USA offered an internship with stipend to students and one student was selected from the same after conducting interviews

Rashmi chordia, (2023 batch) NVIDIA conducted a session for BEA Comp students for technical interview preparation and NVIDIA internship experiences



■ Expert talk on “Linux Operating System”



Mr. Prathamesh Dharmadhikari and Ms. Tisha Agarwal (2023 batch) conducted a session “Pathway to Placement Readiness” on 27th July 2024. Mr. gave technical and other interview round tips to BE Computer/ CSD/ AIDS students

An expert talk on “Linux Operating System” by Mr. Hemant Sonawane ,ESDS Nashik for second year students of computer engineering and Computer science and Design on 15/7/2024. Total 86 students from SY Computer A and SY CSD A division attended the session.

Session Objective was:

- Basic understanding of Linux Operating System
- Introduction of Security Tools in Linux OS
- Introduction of Shell script in programming environment of Linux
- Speaker talked about basic concept of Linux Operating System, Security Tools in Linux OS, and Shell Script in Linux Ubuntu OS.





■ A pre-placement activity on “Placement Success: Alumni Insights” by Alumni

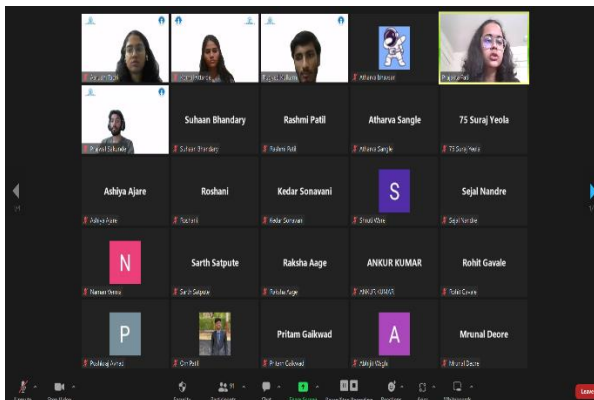


An expert talk on “Design Thinking Process: An Entrepreneurship Point of View” by Mr. Nikhil Deore, Impact Innovation Coach from Digital Impact Square, A TCS Initiative and Founder of Nashik Innovator’s Club for Second year students of computer engineering on 30/8/2024. Total 110 students from SY A and B attended the session. Session Objective was:

to understand concepts of design thinking , to understand different phases of design thinking.

Speaker also motivated the students with the career opportunities in Design Thinking and ways to grab these opportunities. The Session was coordinated by Prof. S. D. Jadhav and Dr. Y. D. Bhise under the guidance of Prof. Dr. S. M. Kamalapur.

■ An expert talk on “Design Thinking Process: An Entrepreneurship Point of View”



On August 2, 2024, the Institution’s Innovation Council at KKWIEER, celebrating “Azadi ka Amritkal” hosted an insightful AI Workshop conducted by Mr. Abhinav Devaguptapu, a cyber security and artificial intelligence expert from NxtWave. The workshop attracted nearly 120 students from the Computer Engineering and Computer Science and Design branches. Mr. Devaguptapu's workshop covered a comprehensive range of topics in AI. Prof. K.P. Birla, Dr. Y.D. Bhise, Prof. S. D. Jadhav and Prof. P. D. Rakibe and Student Coordinators - Ishan Jawale, Harish Lukare, Nikhil Patil, Rucha Malpure, Tanmay Tambat from TY Computer meticulously coordinated the workshop. The AI Workshop by Mr. Abhinav Devaguptapu was an enriching experience, providing students with valuable insights into the practical applications of AI and the latest tools and technologies in the field. The comprehensive coverage of topics equipped participants with a robust understanding of AI's transformative potential.



A coding test termed as “Code Quest” was organized by the Training and Placement Committee of the Computer Engineering Department of K. K. Wagh Institute of Engineering Education and Research, Nashik for TY students on 20/08/2024 and for SY students on 21/08/2024 between 3:00 pm to 5:00 pm in the Computer Engineering Department. From TY 26 students and SY 105 students appeared for this coding test. This test was scheduled as a part of Training and Placement activity under the guidance of Prof. Dr. S. M. Kamalapur.



Krushna Raosaheb Siraskar from BE Computer Engineering Division B (2024-2025 batch) got an internship with the **US-based company PhysicianXpress, Inc.**, located in Collegetown, Pennsylvania.

This opportunity was facilitated by **Mr. Vijay Agarwal**, an alumnus from the 1990 batch and a partner at the company. Krushna worked part-time for one month on Java projects and successfully completed his tasks on time. The company owner appreciated his work and awarded him a **stipend of 100 dollars (approximately 8,300 INR)**. Overall coordination was done by Prof. S. K. Gondhalekar.

Shrey Salunkhe, Meghraj Bhavsar, Sahil Patil, Areen Shinde students of Second Year Computer Engineering and **Prof. Priya Rakibe**, mentor for being awarded **“Best Student Project”** by **Computer Society of India, Mumbai Chapter**

■ One-week ideation workshop on design thinking



One week ideation workshop on design thinking was organized at KKWIEER, Nashik in collaboration with AICTE and CSI Student Chapter from 30th September 2024 to 5th October 2024. The primary objective of the week-long Ideation Workshop on Design Thinking was to introduce participants to the principles of design thinking and to foster innovation through structured idea-generation techniques. The workshop was structured into modules, including Exploration to Innovation, Ideation Pathways, Idea Generation Techniques, Pitching Project Ideas, Design Thinking Process, Modern Trends in UI/UX, and many more. The event was organized under the guidance of Dr. Y.D. Bhise, Prof. K.P. Birla, Dr. R.K. Munje, Dr. P.J. Pawar, Dr. S.M. Kamalapur.



Prof. Priya Rakibe from department of **Computer Engineering** awarded **“Best Faculty of the Year”** by **Computer Society of India, Mumbai Chapter**

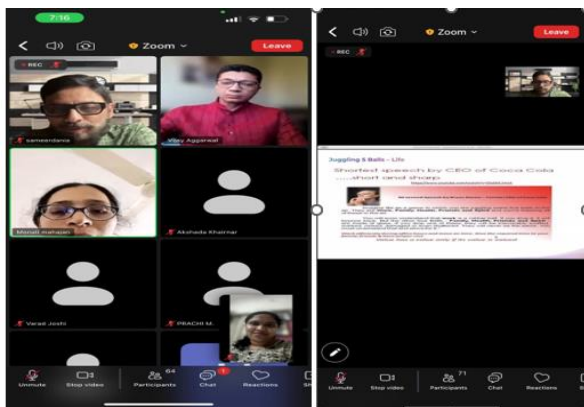


■ Workshop on Solidity and Blockchain



On 5th October 2024, the Debuggers' Club of the Computer Department hosted a technical workshop on Solidity and Blockchain, attended by 80 students. Led by guest speaker Mr. Samyak Lahire, the workshop aimed to bridge the gap between classroom learning and industry demands. Mr. Lahire covered the evolution of web technology and provided a deep dive into blockchain concepts, focusing on the Solidity programming language. He guided participants through essential Solidity components, such as integers, variable creation, functions, require statements, and IDE usage, with real-world examples. Students also gained practical experience by developing their first Solidity program.

■ An expert talk on Project Based Learning - Power of One covering Teamwork



An expert talk on “Project Based Learning Power of One covering Teamwork” by Sameer Dania, an alumni of the Computer Department A Business Executive with 30 years of track record in Sales and Business development. Expert guided from the USA in an online mode using Zoom for Third Year students of Computer, CSD and AIDS on 05th October 2024 . Total 71 students from T.Y attended the session. Session Objective was Understand Team Roles, Define Project Vision, Develop Communication Skills, Foster Collaboration, Cultivate Conflict Resolution Skills, Emphasize Shared Responsibility, Enhance Problem-Solving Abilities, Promote Inclusivity and Respect, Reflect on Team Dynamics, Set Team Goals, Showcase Team Accomplishments. Lastly, students asked a few questions & filled the feedback form with enthusiasm. The session overall was a success and the objective of making students aware of teamwork and project leads in markets. This session was coordinated by Prof. Monali P. Mahajan and Prof. Pranali K. Shinde Under the guidance of Prof. Dr. S. M. Kamalapur.

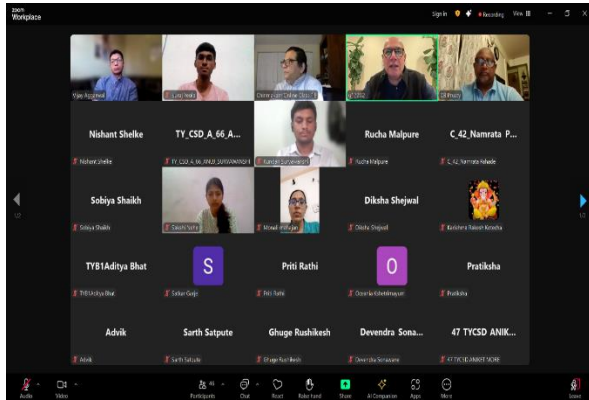
■ An expert talk on conversational AI



An expert talk was delivered by software developer Mr. Parimal Thakre on 18th October 2024 on the topic of conversational AI. The students from third year Computer Engineering understood the topic conversational AI, its type and architecture. Mr Parimal also explained the road map and skillset required for being capable of developing conversational AI application. The expert talk was coordinated by prof. K.P. Birla and professor prof. D. M. Kanade.



■ A Placement Guidance Session



A Placement Guidance Session was successfully organized on 19th October 2024 to provide valuable insights and guidance to the students regarding the placement process. The session featured distinguished industry experts who shared their experiences, answered queries, and provided strategic advice for the placements. Total number of students who attended the session were 50. The session commenced with Prof. Monali Mahajan delivering the opening remarks. Khushi Bedmutha introduced the esteemed speakers for the guidance session, Mr. Vijay Agrawal, Mr. C. B. Prusty, Mr. Raghuvver Rao and Mr. Kuruvilla Mathew. Following the speakers' addresses, there was an engaging Q&A session where students posed placement-related queries to the experts. The questions were asked by Suraj Yeola, Sakshi Nehe, Anuj Suryawanshi and Kundan Suryawanshi. The session concluded with a heartfelt vote of thanks delivered by Rucha Malpure. She expressed gratitude to the esteemed speakers for their time, invaluable guidance, and insights. Prof Monali Mahajan and Prof Shweta Jadhav were the Faculty Coordinators of the session.

■ DBMS mini-project competition



The Computer Society of India Students' Chapter 2024-25 KKWIEER had organized DBMS mini-project competition on 25th October, 2024 for TY students. This event invited students to showcase their skills in database management systems through innovative projects, offering a platform to apply theoretical knowledge to real-world applications. Participants demonstrated their creativity and problem-solving abilities as they presented their projects to industry experts and esteemed faculty. The judges for the mini-project competition were Prof. Purushottam S. Chavan and Mr. Sameer Rathod. The competition also included the launch of the official website of CSI. The event was organized under the guidance of Dr. Y. D. Bhise, Prof. S. K. Gondhlekar, Dr. S. M. Kamlapur.

■ IoT mini-project competition



The Computer Society of India Students' Chapter 2024-25 KKWIEER had organized IoT mini-project competition on 25th October, 2024 for TY students. The competition provided students with an opportunity to showcase their skills in IoT technology and innovation. This event aimed to foster creativity and technical expertise among participants, encouraging them to build practical, real-world IoT solutions. The judge for the Competition was Mr. Ram Dhoot, an experienced Application Engineer, currently works at Orbital Systems (Bombay) Pvt. Ltd., Nashik. The event was organized under the guidance of Dr. Y.D. Bhise, Prof. I. Priyadarshini, Prof. Namrata Pagare, Dr. S.M. Kamalapur.

Prof. Priya Rakibe from department of Computer Engineering awarded "Teacher of the Year" by IMPDCT(Ishanya Mumbai Daivadya Public Charitable Trust),Mumbai on 19th October 2024



Department of Computer Engineering K.K. Wagh Institute of Engineering Education and Research, Nashik.

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Prof. Priya Rakibe from department of **Computer Engineering** awarded “**Teacher of the Year**” by **IMDPCT(Ishanya Mumbai Daivadya Public Charitable Trust), Mumbai 19th October 2024**



Prof. Priya Rakibe from department of **Computer Engineering** awarded “**Most Inspiring Essay of the Year**” in state level Essay competition organized by **IMDPCT(Ishanya Mumbai Daivadya Public Charitable Trust), Mumbai on 19th October 2024.**



Faculty Coordinator: M. P. Mahajan

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Research, Nashik*

<https://www.kkwagh.edu.in/engineering/department/department-of-computer-engineering/about-department>

Seminars/Workshop/Training attended by staff:

- Prof. S. K. Gondhalekar attended One week FDP on Transformative Pathways: AI and Emerging Trends in Teaching and Research , Avantika University from 24th to 30th June 2024.
- S. R. Badgajar, C. R. Patil, S. K. Gondhalekar attended Five Days International Virtual FDP on "Exploring New Frontiers in Teaching Tools, AI and Data Analytics" organized by MEASI Institute of Information Technology, Royapettah, Chennai from 29th July to 2nd August 2024.
- C. R. Patil, S. K. Gondhalekar attended STTP on Blockchain Technology from 15th to 20th July 2024.
- P. P. Vaidya, J. R. Mankar attended ‘Research Writing Workshop’ organized by the Research and Development Cell of K K Wagh Institute of Engineering Education and Research from 6th to 8th August 2024.
- P. P. Vaidya, J. R. Mankar, M. P. Mahajan attended International FDP on AI for sustainable Development by VIIT, Pune from 5th to 9th August 2024.

Papers Presented by Staff and Student

Title of Paper: Smart Biomass Management using AI and time series analysis

Author: Chaitali Patil

Abstract: Biomass resource management involves a multistage process where biowaste is transported from harvesting sites to depots for conversion into pallets, and subsequently to refineries for biofuel production. This process faces significant challenges in resource allocation, logistics efficiency, cost management, and environmental impact. Hence an experiment to integrate technology into the process was implemented. By leveraging historical biomass data and vital environmental factors, predictive models from advanced AI and time series analysis techniques were integrated to analyze temporal patterns and make accurate biomass forecasts for efficient resource utilization. Interpolation techniques and Dijkstra’s Algorithm were applied to calculate optimal distances between harvesting sites, depots, and refineries, ensuring efficient logistics and minimizing resource wastage. To empower decision-makers, statistical dashboards were integrated with Google Maps, providing visual aids to decode geospatial patterns and identify efficient distribution pathways. Additionally, the study aligned with broader sustainability goals, contributing to the generation of clean and renewable energy.