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Rajaram Shinde Institute of Engg.& Technology ,Pedhambe
NEWSLETTER
Computer Engineering Department

MARCH 2025

NEWSLETTER

COMPUTER DEPARTMENT

MANDAR EDUCATION SOCIETY'S

RSIET,PEDHAMBE

HOD DESK

The Department of Computer Engineering established in the year 2001 offers Diploma program of 3 years duration in Computer Engineering having an intake of 54, approved by AICTE New Delhi & DTE, Maharashtra & affiliated to MSBTE, Mumbai. The Department of Computer Engineering has 05 better equipped practical labs. These labs are so useful for students for research and project work. Thus students have achieved Success in project competition as well as paper presentation competition. We visit various Industrial areas in Computer fields; we also invite industrial experts for the betterment of students. It is very beneficial in the growth of students as well as the department.. The student's body ACES has been actively organizing and also participating in various technical events

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Editorial Committee

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TECHNICAL NEWSLETTER

Expert Talk

An Expert Talk on "New trends in AI"

An Expert Talk on "New trends in AI" Under ACES Student Chapter was conducted on 18/02/2025 for SYCM-II, IV & VI student. Total 30 student attend this Talk. Mrs.Kadam Radhika Associate Prof at VPMCOE velneshwar. Was the resource person for this talk.

Mrs. Radhika kadam explaining the topic on New AI

This Expert Talk have covered the following topics -Advancements in models like GPT-4, Gemini, and, images, videos, AI-powered threat detection misinformation detection Automated security protocols. AI is transforming real life in multiple ways, making tasks more efficient, personalized, and automated. Here are some **real-life applications** of AI across various fields: **AI in Everyday Life** ☑ **Smart Assistants** – Siri, Alexa, Google Assistant for voice command ☑ **AI-Powered Search Engines** – Google Search using AI for better results ☑ **Chatbots** – Automated customer service (e.g., banking-commerce) ☑ **Spam Filters & Email Sorting** – Gmail's AI filters for important emails

Expert Talk on "Career Guidance"

An Expert Talk on "Career Guidance" organized under ACES–Student Chapter was conducted on 2/13/2025 for TYCO & SYCO

class. Total 31 student attend this session. Mr. Swapnil S Shinde (Director of Persistent Tech) was the resource person for this talk.

Mr. Swapnil S Shinde explaining the topic on Career Guidance

In this talk following points were discussed: Career guidance helps individuals make informed decisions about their professional journey by assessing their interests, skills, and market trends. It begins with self-assessment, where individuals identify their strengths, weaknesses, and personality traits to align with suitable career options. Education and skill development play a crucial role, as choosing the right courses, certifications, and continuous learning can open doors to better opportunities.

Understanding job market trends is equally important, as emerging fields like AI, cybersecurity, and digital marketing offer promising careers. Resume building and interview preparation are essential to stand out in a competitive job market, along with networking through platforms like LinkedIn. Internships and practical experience provide hands-on learning, making it easier to transition into full-time roles.

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Expert Talk on "Project Planning and Management"

An expert Talk on "Website Designing in HTML" was conducted on 10/03/2024 for FYCO,SYCO TYCO student. Total 50 student were present for this talk. Mr. Mullaji N.H. (Prof & Software Developer) Gurukul College.Chiplun was the resource person for this talk.

Mr. Sunil Joshi explaining the topic on online mode

This talk covered following points-How to Select and make your best Final Year Project?, with Best Programming language for your project, Basic stages of HTML Languages, Project Development Stages, Guidelines given for writing Project Synopsis, Guidelines given for CSS

From this Expert Talk, students have understood how select the best final year project. The programming language for project selection. Guidelines given for writing code of html and the correct way to use html with vscode. Web hosting process is also explained to students.

Expert Talk on "Artificial Intelligence and Machine Learning"

An expert Talk on "Introduction to Machine Learning and Artificial Intelligence" conducted on 25/10/2024 for SYCO, Total 40 student attended this talk. Mr. Omkar Sawant, Alumni, CO-Dept. (Pass out Batch-2021) Alpha Microsoft Learn Student Ambassador Pune Institute of Technology (PICT), Pune Student, Pune Institute of Technology (PICT), Pune Microsoft Learn Student Ambassador was the resource person for this talk.

Mr.Omkar Sawant explaining the topic on online mode

She covered following points during session-Explored the concept of Artificial, Intelligence, Human ingenuity with intelligent, technology, Classification of AI, Application of AI, Machine Learning, Deep Learning, Cognitive service capabilities, Machine Learning on Azure.

After attending the session, students are now aware of about Artificial Intelligence and Machine Learning. Job Opportunities in AI Sector, study requirement to join the AI Technology. AI automates repetitive tasks, reducing human effort and saving time.

Improves productivity in industries like manufacturing, healthcare, and finance

Unlike humans, AI-powered chatbots, customer service systems, and automated processes work continuously without fatigue.

Virtual assistants like Siri, Alexa, and Google Assistant improve user interactions.

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Personality Development

Mr.Bharat Patil explaining the concept of new rules

Mr.Bharat Patil – ASI Shirgaon police Station, Points Discussed- In today's fast-paced world, living a balanced and mindful life is essential. Instead of being constantly glued to screens, it's important to focus on real-life connections, personal growth, and well-being. Spending quality time with family, pursuing hobbies, and maintaining a healthy lifestyle can bring true happiness. Being aware of cyber threats and online fraud is also crucial—never share personal information carelessly, avoid suspicious links, and practice safe online behavior. Prioritizing mental health, staying informed, and using technology wisely can help create a fulfilling and secure life in the modern world.
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They are now aware of Bootstrap, it's various uses, knowledge needed for website designing.

Expert Talk on "Shivaji The management Guru"

AN Expert Talk on " Shivaji The management Guru " under CSI – Student Chapter was conducted on 14/02/2025 for Mandar Education Society Students. Total 60 student attended this talk. Mr.Namdev Jadhav Shivaji Foundation,Pune was the resource person.

Mr. Namdev Jadhav explaining the concept of management

This Expert Talk has covered the following topics- Shivaji Maharaj, the legendary warrior and visionary leader, was not just a great ruler but also an exceptional management guru. His ability to strategize, organize, and lead with foresight makes him a timeless example of effective management. He mastered the art of delegation, empowering his trusted commanders while maintaining a keen oversight. His innovative military tactics, such as guerrilla warfare and fort management, demonstrate adaptability and resource optimization. Shivaji's diplomatic skills in forming alliances and resolving conflicts reflect his leadership acumen. Today, professionals and leaders can learn from him how to manage resources efficiently, build strong teams, make strategic decisions, and lead with integrity. His principles of good governance, people-centric policies, and crisis management remain relevant, inspiring modern management practices

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Industrial Visit

Visit to "Canderoutes Innovations" Pune

An Industrial Visit to "Canderoutes Innovations", Office No 313, Grand Horizon, Sinhgad Rd, behind Bramha Hotel, Niranjan Park, Anand Nagar, Pune, Maharashtra 411041 was take place on 21/02/25 for TYCO, SYCO class. Total 38 student visited the place. Mr. Amol Kalubarme Marketing Head, Pune, was the resource person.

Comp. Tech. staff along with SYCO, TYCO student for Industrial Visit at Canderoutes innovations, pune

An objective of this visit students will gain valuable insights into how programming languages like Java are used in the industry. They will see real-world applications of Java in web development, mobile apps, enterprise software, and cloud computing. By interacting with professionals, they can understand how industries implement Java for backend development, data processing, and system automation. The visit will also help students bridge the gap between academic learning and practical implementation, showing them how coding skills are applied in real business scenarios. This hands-on experience will inspire students to develop problem-solving skills and understand industry best practices, preparing them for future careers in technology.

Educational Industrial Visit to "Persistent Technology Pvt Ltd, Chiplun"

An Educational Industrial Visit to "Persistent Technology Pvt Ltd., IT Training Institute, 1st floor Avenue, above Parkar Complex ,Chiplun-415605 was takes place on 24/10/2024 for TYCO–SYCO student. Total 35 student visited the place. Mr. Shinde Swapnil shyam Director, Persistent Technology Pvt Ltd . IT Training Institute was the resource person.

Comp. Tech. staff, resource person along with SYCO,TYCO student for Industrial Visit at Persistents Tech Pvt Ltd. Chiplun

Points Discussed & Guided during visit Networking Devices and their working, e.g. Switch, HUB, Routers, LAN,MAN,WAN & concept of IP, Various concepts of Networking, Use of various languages & their importance, Various job Profiles in which students can work, Question Answer session after demonstration, Introduction of Linux system.
From this Industrial Visit all the Students get detail Industrial knowledge, various departments, different Computer Applications, Team Work, various network devices & their importance.

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Industrial Training

6 Weeks Industrial Training on Web page designing

6 Weeks Training from 03/06/2024 to 13/07/2024 Industrial training with Web designing with Mr.Shinde Swapnil Director of Persistent Technology was the resource person for this training.

Industrial training on web page designing will help students gain practical knowledge of modern web technologies, including HTML, CSS, JavaScript, and responsive design principles. They will learn how to create user-friendly interfaces, optimize website performance, and implement industry best practices. Additionally, students will explore frameworks like Bootstrap and libraries such as React or Angular to enhance their development skills. By working on real-world projects, they will understand the importance of UI/UX design, cross-browser compatibility, and web security. This hands-on experience will prepare them for careers in web development by bridging the gap between theoretical learning and industry applications.

Mr.Shinde Swapnil explaining the topic in industry

Industrial training on web page designing will help students gain practical knowledge of modern web technologies, including HTML, CSS, JavaScript, and responsive design principles. They will learn how to create user-friendly interfaces, optimize website performance, and implement industry best practices. Additionally, students will explore frameworks like Bootstrap and libraries such as React or Angular to enhance their development skills. By working on real-world projects, they will understand the importance of UI/UX design, cross-browser compatibility, and web

security. This hands-on experience will prepare them for careers in web development by bridging the gap between theoretical learning and industry applications. The schedule of the Training was as follow:

From this Training, students learned Project Based learning Approach and done deep interaction and mentoring by the trainer. Also students got development experience and knowledge through this course. Students also got e-Certificate of Course Participation after the Course Assessment and Evaluation.

After completion of this training on 7 august 2024 students are giving an itr oral exam successfully with excellent web designing.
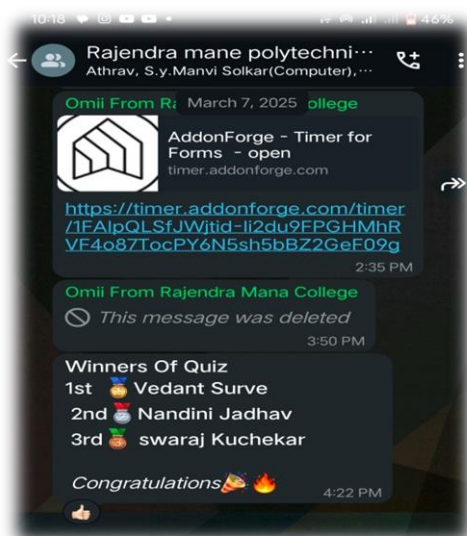

Industrial training Oral Exam W24 With Industry Mentor Mr. Shinde Swapnil Director Persistent Technology,Chiplun

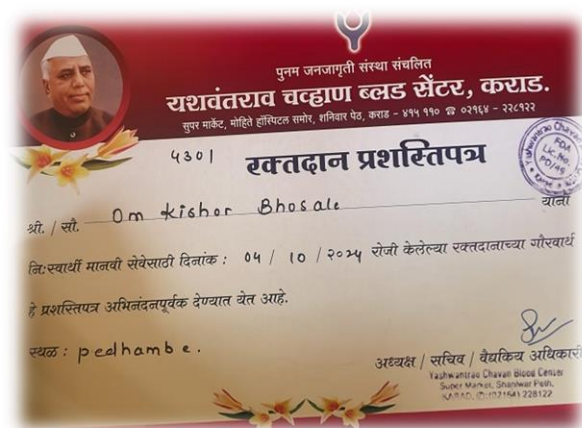## Co-curricular activities & Extra Curricular Activities

Students actively participate in co-curricular and extracurricular activities such as blood donation drives, quiz competitions, and paper presentations, which help them develop a sense of social responsibility, teamwork, and critical thinking. These activities enhance their overall personality, improve communication skills, and provide a platform to showcase their talents beyond academics. Such engagements also foster leadership qualities and prepare students for real-world challenges.

Online Quiz Competition Winner at RMP, Ambav
Vedant Surve & Yash Surve

Blood Donation Camp

Students enthusiastically participated in the blood donation camp, contributing to a noble cause and understanding the importance of social responsibility. Their active involvement reflects their commitment to community service and humanitarian values.

Students from Mandar education society, Rajaram Shinde Inst of engineering & technology, Pedhambe (Polytechnic) participated in Various events Organised under IEDSSA Sports B1 Zone like Kabaddi, Chess, Carrom, Badminton in Kolhapur.

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