New Satara Samuh Mumbai's
New Satara College of Engineering &Management
(Polytechnic) Korti, Pandharpur

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HOD's Desk

Mr. S.B.Puri
Head Of Computer Department

EDITION

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INSIDE

- Expert Lectures
- Industrial Visit
- Sport Activities
- Cultural Acivities
- Faculty Achievements
- Student Achievement
- Editor Desk

I am thrilled to introduce the very first issue of the Computer Engineering Departmental Newsletter. This publication is a reflection of the vibrant academic and extracurricular activities that have taken place in our department from July to December 2021. It also highlights the remarkable achievements of both our esteemed faculty and talented students.

Throughout the semester, we have organized a series of guest lectures and industrial visits, aimed at broadening the horizons of our students and providing them with practical insights into the ever-evolving field of computer engineering. These events are part of our continuous efforts to bridge the gap between academic knowledge and industry practices.

Understanding the importance of career readiness, we have also implemented comprehensive pre-placement training programs for our final-year students. These sessions are designed to equip them with the necessary skills and confidence to excel in job interviews and embark on successful careers.

The Department of Computer Technology is unwavering in its commitment to fostering the all-round development of our students. We believe that by providing a well-rounded educational experience, we are preparing them not just for their first jobs, but for long and fulfilling careers in the tech industry.

As we move forward, we are always open to feedback and suggestions. Your input is invaluable as we strive to continuously improve and provide the best possible educational experience for our students. We greatly appreciate your support and look forward to your continued engagement with our department.

VISION

"To become a center of excellence in computer engineering fields to impart technical education in rural area."

MISSION

- To provide practical oriented technical education to the students to enhance skill in designing, developing & testing software.
- To provide exposure to the student about latest technology in the area of information technology by various training program to enhance students competative skills.
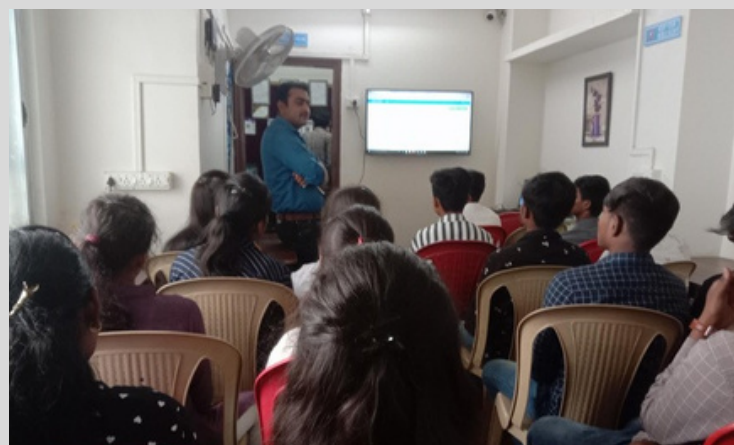- To generate teamwork and professionalism among the student

Expert Lecture

Attention span and the way of grasping knowledge for students have also been changing for some time now. One of the most effective and evergreen methods in Education Institutions is Expert lectures

Expert Lecture byMr. Ganesh M. Shinde Sr. Consultant, System plus trans LLP, Pune on "C & C++ Programing " on date 11 DEC 2021

The Computer Engineering & Information Technology Department organized an expert lecture on "C & C++ Programming," delivered by Mr. Ganesh M. Shinde, Senior Consultant at System Plus Trans LLP, Pune. This lecture was aimed at deepening students' understanding of the foundational programming languages, C and C++, which are crucial for developing robust software applications.

Mr. Shinde, with his extensive industry experience, provided valuable insights into the practical applications of C and C++ in modern software development. He began the session by discussing the core principles of both languages, highlighting their significance in system programming, embedded systems, and performance-critical applications. The lecture covered essential topics such as memory management, data structures, object-oriented programming, and the use of pointers

Expert Lecture by Mr. B.D. Arkas Project Manager ProAzure Software Solutions Pvt Ltd., Pune on "IOT Applications" on date 16th Oct 2021

The Computer Engineering & Information Technology Department organized a guest lecture on "IoT & Its Industrial Applications" for third-year students. This lecture was designed to introduce students to the rapidly evolving world of the Internet of Things (IoT) and its transformative impact on various industries.

During the session, students were provided with a comprehensive overview of IoT, including its core concepts, architecture, and the vast array of applications it enables. The speaker delved into how IoT is being integrated into industrial processes, enhancing efficiency, productivity, and innovation across sectors such as manufacturing, healthcare, agriculture, and smart cities.

Industrial Visit

During the Industrial Visits, students get to learn how professionals perform at work and they implement certain industry-specific concepts such as Problem analysis, current advance technologies, Quality assurance etc.

Industrial Visit to APLOMB SOLUTIONS Sahhyadrinagar Road , Isbavi Pandharpur On 23th NOV 2021.

The Computer Engineering & Information Technology Department organized an industrial visit to "APLOMB System Software," providing students with the opportunity to explore the intricacies of website technology and development. This visit was specifically arranged for third-year students to gain practical insights into the processes and tools involved in modern web development.

During the visit, students were introduced to the various stages of website creation, from initial design and planning to coding, testing, and deployment. The professionals at APLOMB System Software demonstrated the use of cutting-edge technologies and frameworks that are essential for building responsive, secure, and user-friendly websites.

Industrial Visit to Rajvi Tech Pvt.Ltd ,Pune on date 29 October 2021

The Computer Engineering & Information Technology Department organized an industrial visit to "Rajvi Tech" for third-year students, focusing on the study of Virtual Reality (VR) and Augmented Reality (AR) techniques. This visit was designed to provide students with hands-on exposure to the cutting-edge technologies shaping the future of digital experiences.

During the visit, students were introduced to the fundamentals of VR and AR, learning how these immersive technologies are revolutionizing various industries, including gaming, healthcare, education, and architecture. The professionals at Rajvi Tech provided detailed demonstrations of VR and AR applications, showcasing how these technologies are used to create interactive and engaging user experiences.

Sports Activity

New Satara College recently organized an engaging carrom sport activity, bringing together students for a fun and competitive event. The chess activity, which took place in the college's sports hall, saw enthusiastic participation from students across different departments.

The New Satara College recently organized an engaging chess sport activity, bringing together students from various departments to compete in this intellectually stimulating sport. The event was designed not only to promote strategic thinking and mental agility but also to encourage a spirit of camaraderie and healthy competition among the participants.

Faculty Achievement

Ms. Hande P.N have published research paper entitled" Assessing the Impact of Thermal Units on Growth and Development of Summer Pearl Millet" under the journal of Environmental sciences by HBRP publication

2) Ms. Jadhav C.P have published research paperentitled" Providing Confidentiality and Integrity for

Data Stored On Cloud" under the journal of cloud computing and web engineering by HBRP publication.

Student Achievement

1) Ms.Gayatri Shriram Jawar own in state level runner up prize Prevention Curer.

2) Ms.Misal Pradnya own state level Runner up prize in Rangoli Compition

3) Mr.Saurabh Dubal own state level runner up prize in Cyber Crime & Security.

Editor's Desk

Ms. Kamble K.S
Lecturer in Computer
Engineering

Dear Readers,

Welcome to the latest edition of our college newsletter! We are thrilled to share some exciting updates and stories with you. This edition is packed with a wide range of content, including technical insights, cultural highlights, TPO activities, a technical article by our esteemed faculty, and remarkable achievements from both students and faculty.

We would like to extend a heartfelt thank you to our dedicated team of students and faculty members who worked tirelessly to bring this newsletter to life. Without their hard work and commitment, this would not have been possible.

Inside, you'll find a rich blend of content, including in-depth technical articles that showcase the latest advancements and innovations. We've also captured the essence of our cultural events, giving you a glimpse into the lively and creative spirit that defines our campus. Our Training and Placement Office (TPO) section provides valuable insights into career opportunities and the efforts we're making to ensure our students are well-prepared for the future.

We hope you enjoy reading this edition as much as we enjoyed creating it