NEWSLETTER

COMPUTER ENGINEERING

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Prof . V. H . Londhe
(Principal)
New Satara College of Engineering &
Management (Poly)
Korti, Pandharpur

In our fast-paced world, a nation's success is closely tied to its industrial growth. Globalization has become essential for countries to thrive. Today, people expect quality work in every field. To navigate this modern technological revolution, individuals must prepare carefully, with courage and a positive mindset. Industrial development has emerged as a pressing need, characterized by skilled workforce, adoption of modern technology, and effective implementation of these skills.At New Satara Polytechnic, we recognize this contemporary requirement and focus on producing world-class technicians equipped with competent skills across various technologies to serve society. Every effort at our institution is directed towards achieving this overarching goal.

Our skilled faculty are our greatest strength. Each member of our team is deeply passionate about achieving our shared goals. We consistently motivate our faculty to actively engage in our mission, Surrounded by the soothing embrace of nature within the pleasant environment of New Satara Polytechnic. Our co-curricular and extra-curricular activities are designed to spark the curiosity of our young minds, encouraging them to explore new dimensions of life and innovate in their respective fields.At New Satara Polytechnic, we encourage our students to be problem-solvers rather than dwell on problems. They are given opportunities to work on mini and micro projects, allowing them to apply their knowledge practically and showcase their creativity. To enhance our students' employability, we have introduced and effectively implemented Skills Development Programs within our institute.

In today's highly competitive global market shaped by globalization, liberalization, and privatization, practical knowledge is essential. We ensure our students are industry-ready by imparting practical skills and instilling in them the confidence to navigate and excel in the competitive world. We invite you to experience the vibrant learning environment at New Satara Polytechnic, where you can rejuvenate your mind and intellect.

INSTITUTE VISION

To become leading institute for imparting technical education in rural areas for fulfilling needs of industry and society

INSTITUTE MISSION

• To enhance the technical knowledge of students by practical based education.
• To strive for good academic results and placement of diploma graduates.
• To facilitate infrastructure for development of professional skills of students.

HOD's Desk

Mr. S.B.Puri
Head Of Computer Department

Continuing our commitment to excellence, the second issue of Volume 3 highlights the key academic and extracurricular achievements from January 2024 – May 2024. This semester was dedicated to advanced learning, project-based education, and technical skill enhancement, ensuring our students stay at the forefront of the ever-evolving IT industry. Through expert lectures, technical workshops, and hands-on training, students gained valuable insights into emerging technologies, equipping them with the necessary skills to meet industry demands.

Apart from academic advancements, our college hosted the grand annual cultural festival, "Swartarang 2K24" a much-awaited event that brought together creativity, passion, and talent. Students enthusiastically participated in various events, including music, dance, drama, poetry, and fine arts competitions, showcasing their artistic brilliance and teamwork. This vibrant celebration not only provided a platform for students to express themselves but also helped instill confidence, leadership skills, and a sense of unity among them. The festival served as a reminder that extracurricular activities are just as crucial as academics in shaping well-rounded professionals.

Additionally, this semester saw remarkable student involvement in technical competitions, hackathons, and industry visits, further strengthening their problem-solving abilities and innovative thinking. As we encourage students to explore beyond textbooks, we strive to create an ecosystem where knowledge meets creativity, preparing them for future challenges.

I extend my gratitude to the faculty, students, and staff for their unwavering support and dedication toward academic and cultural excellence. As we move forward, let's continue to embrace new opportunities, foster innovation, and uphold our commitment to quality education. Together, we can achieve greater heights in the field of Computer Engineering.

[Mr. Puri S.B.]
Head of Department
Diploma in Computer Engineering

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

COMPUTER ENGINEERING

HOD
Name : S.B. PURI
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(Computer Engineering)
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Qualification : M.A(ENGLISH)
Contact No. : 9503661815

Name : Mr. Jadhav I. B
Qualification :M.SC(PHY)
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Name : Mr. S.S.Gosavi
Qualification : B.E (Computer Engineering)
Contact No. : 8552821007

Name : Mr. Mane S.S
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Name : Mr. G.B.Chougule
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Name : Ms. P.S.Sugandhi
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Name : Ms. Hande P.N
Qualification : B.E (Computer Engineering)
Contact No. : 8998786676

Name : Ms.Dhodmise S.P
Qualification : Msc(CHEM)
Contact No. : 8767962908

Expert Lectures

Program Details	Date-Month-Year	Resource Person / Name of Industry with Designation
Arranged a guest lecture on Java programing	21th Feb 2024	Mr. Bhandare P.S, Expert Lecturer, HOD of department computer engineering at SVERI's college of engineering (poly.)
Arranged a guest lecture on Network And Information Security	1th March 2024	Mr. Shinde S.M, Lecturer of department of computer engineering & sciences at SVERI's college of engineering

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 by Mr. Bhandare P.S, Expert Lecturer, HOD of department computer engineering at SVERI's college of engineering (poly.), on "Java Programming" on date 21-02-2024

The Computer Engineering Department is pleased to announce an expert lecture on "Java Programming" by the esteemed Mr. Bhandare P.S. This insightful session is designed to provide students and faculty with a deeper understanding of Java, a powerful and versatile programming language that plays a crucial role in modern software development.
The lecture will cover essential Java concepts, including object-oriented programming (OOP), multithreading, exception handling, and advanced Java frameworks, which are fundamental for building robust applications. The session will also include real-world examples, best practices, and industry insights to help students strengthen their programming skills and prepare for professional development.
This expert talk is an excellent opportunity for students to gain hands-on knowledge, interact with an industry expert, and enhance their coding proficiency. We encourage all interested students and faculty members to attend and make the most of this enriching experience!

Expert Lecture by Mr. Shinde S.M, Lecturer of department of computer engineering & sciences at SVERI's college of engineering, on "Network & information Security" on date 01-03-2024

The Computer Engineering Department is proud to announce an expert lecture on "Network & Information Security," presented by the renowned Mr. Shinde S.M. This event aims to provide participants with a comprehensive understanding of the latest trends, challenges, and solutions in the field of network and information security, a critical area in today's digital landscape.
Mr. Shinde has contributed to several significant security projects and is known for his practical approach to solving complex security issues. With the increasing reliance on digital platforms and cloud computing, cybersecurity threats have also evolved, making it essential for students to understand network vulnerabilities, data protection mechanisms, encryption techniques, and cybersecurity frameworks.
During this session, Mr. Shinde will cover key topics such as:
✅ Cyber Threats & Attack Vectors
✅ Network Security Protocols
✅ Ethical Hacking & Penetration Testing
✅ Data Encryption & Cryptography
✅ Security Compliance & Best Practices

Program Details	Date-Month-Year	Name of Industry
Visit to Rajvi Tech Study VR & augmented Technique	29 October 2023	Rajvi Tech Pvt.Ltd ,Pune
Visit to Secure Net IT Solutions Study Software Testing Technique	22th Jan. 2024	Secure Net IT Solutions, Korti

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, Development, etc .

Industrial Visit to Secure Net IT Solutions, Korti On 22th Jan. 2024.

The Computer Engineering Department organized an industrial visit to "Secure Net IT Solutions," located in Korti.

The Computer Engineering Department organized an industrial visit to "Secure Net IT Solutions," located in Korti. This visit was designed to provide third-year students with practical exposure to the IT industry's working environment and to enhance their understanding of real-world applications of their academic knowledge.

During the visit, students had the opportunity to interact with professionals and observe the day-to-day operations of a leading IT solutions provider. They were given a comprehensive tour of the facilities, where they learned about various aspects of network security, system administration, and software development practices employed by the company.

Industrial Visit to IGap Technologies Pvt.Ltd ,Kolhapur on date 14 May 2024

The Computer Engineering Department organized an industrial visit for third-year students to IGap Solution Pvt. Ltd.

The Computer Engineering Department organized an industrial visit for third-year students to IGap Solution Pvt. Ltd., a prominent MNC. This visit was an integral part of the department's ongoing efforts to bridge the gap between academic learning and industry practices.

During the visit, students gained valuable insights into the operational processes and corporate culture of a leading multinational company.

Personality Development Program

Topic	Date	Name Of Resource Persone
Communication Skills	7th jan 2024	Ms.Reecha Gupta Senior Trainer , Tech Mech World Narhe ,Pune
Communication Skills	8th Jan 2024	Ms.Reecha Gupta Senior Trainer , Tech Mech World Narhe ,Pune
Communication Skills	9th Jan 2024	Mr. Ratnakar Divate Expert Trainer , Tech Mech World Narhe ,Pune

Personality Development Program: Enhancing Professional Growth

The Computer Engineering Department organized a Personality Development Program aimed at enhancing students' soft skills, communication abilities, and overall confidence. The session focused on leadership, teamwork, time management, and effective communication, equipping students with essential skills for academic and professional success.

Experts conducted interactive sessions, including group discussions, mock interviews, and confidence-building activities, making the program engaging and insightful. This initiative helped students improve their self-presentation and develop a professional mindset.

The event received a positive response, with students actively participating and gaining valuable skills that will benefit them in their future careers.

TECHNOSPECTRUM 2K24

Techno-Spectrum 2024: State Level Technical Symposium

The New Satara College of Engineering and Management (Polytechnic), Korti, successfully organized Techno-Spectrum 2024, a State Level Technical Symposium, on February 24, 2024. The event provided a platform for students to showcase their technical skills, creativity, and innovation through various competitions.

The symposium featured multiple technical events, including:

◆ Project Competition – Encouraging students to present innovative technical projects.

◆ Poster Presentation – Focused on themes like Artificial Intelligence, Green Energy, Digital India, and Mobile Phone Addiction.

◆ Quiz Competition – Testing participants' technical knowledge.

◆ CAD War – A design-based challenge for aspiring engineers.

◆ Game Battle – A thrilling gaming competition for tech enthusiasts.

To encourage participation, attractive cash prizes were awarded, with winners of the Project Competition receiving ₹3000 (1st place) and ₹1500 (2nd place), while other events had prizes of ₹2000 and ₹1000 for the top two positions, respectively.

The event saw enthusiastic participation from students across various institutes, making it a grand success. Techno-Spectrum 2024 not only fostered technical excellence but also provided a great learning experience for all attendees.

Jayantis Celebration

New Satara College of Engineering and Management, Korti, proudly celebrates the Jayantis of great leaders to honor their remarkable contributions to society. The event serves as an inspiration for students, instilling values of leadership, dedication, and social responsibility.

On these occasions, faculty members and students gather to pay tribute through speeches, essay competitions, and cultural programs, highlighting the vision and achievements of these iconic figures. Their teachings continue to guide and motivate young minds towards excellence and nation-building.

Such celebrations create an environment of respect and awareness, reinforcing the importance of history and leadership in shaping a better future.

SWATARANG 2k24

 Like every year this year also our college celebrated TRADITIONAL day & Annual Social Gathering-SWARTARANG 2K24. The event was organized that includes various events wherein students were given chance to think, step forward and showcase their talent. These events have their own colour and are very unique in their own way. These includes Dance, Drama, Funny games, Fish ponds, Food stall, traditional dance and a lot more to inculate teamwork in student compitaion are organized interdepartmental

Like every year, our college once again celebrated Traditional Day and the Annual Social Gathering—SWARTARANG 2K24 with great enthusiasm and spirit. This year's celebration was a vibrant and colorful affair, packed with a variety of events that offered students a platform to express their creativity, showcase their talents, and engage in healthy competition.

The event lineup was as diverse as it was exciting, featuring Dance, Drama, Funny Games, Fish Ponds, Food Stalls, Traditional Dance, and much more. Each event brought its own unique flavor, adding to the rich tapestry of our cultural fest. These activities were carefully designed to foster teamwork, encourage participation, and create a sense of camaraderie among students.

In addition to the entertainment and fun, SWARTARANG 2K24 also included interdepartmental competitions, where students competed against each other in various categories. These competitions not only highlighted the talents of our students but also promoted a spirit of unity and collaboration within the college.
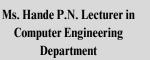
The success of this event is a testament to the hard work and dedication of everyone involved, from the organizing committee to the participants. We are proud of the enthusiasm shown by our students and look forward to seeing this tradition continue to grow in the years to come.

Student Achievement

SY CO Toppers		
1	KALEL PALLAVI PRAMOD	90.13%
2	DHERE AASTHA AUDUMBAR	88.67%
3	KALAGATE VAISHNAVI VIJAY	87.87%

TY CO Toppers		
1	DOKE SWAPNALI MOHAN	87.88%
2	SURVE ARYAN SOPAN	87.53%
3	SAKATE PRANITA MALHARI	84.94%

Editor's Desk

Ms. Hande P.N. Lecturer in Computer Engineering Department

Dear Regards,

It is with immense pleasure that we present the latest edition of our department newsletter. This edition is a reflection of the vibrant activities and achievements within our department, and it is filled with a diverse range of content that we are excited to share with you.

In this edition, you will find a variety of technical articles, cultural highlights, updates from the Training and Placement Office (TPO), and a showcase of both faculty and student achievements. These features have been carefully curated to provide you with insights into the dynamic environment of our department, where innovation, learning, and creativity thrive.

We sincerely welcome your feedback and suggestions, as they are invaluable in helping us improve and enhance the quality of our newsletter. Your input will guide us in making each edition even more informative and engaging.

I would like to express my heartfelt gratitude to Hon'ble Shri. Rajaram Nikam Sir, President of New Satara Samuh, Mumbai, and Shri. V. H. Londhe, our Principal, for their unwavering support and valuable guidance. Their leadership continues to inspire us in our pursuit of excellence.

Thank you for your continued support, and we hope you enjoy this edition.