DEPARTMENT OF COMPUTER ENGINEERING

HORIZON NEWSLETTER

Principal: Dr.D.S.Bormane	Januanry 2024 to June 2024	Head of Dept.: Dr.S.V.Athawale

Date of publication : June 2024

VISION

- Contributing to the welfare of society through technical and quality education.

MISSION

- To produce Best Quality Computer Science Professionals by imparting quality training, hands on experience and value education.
- To Strengthen links with Industry through partnerships and collaborative developmental works.
- To attain self-sustainability and overall development through Research, Consultancy and Development Activities.
- To extend technical expertise to other technical Institutions of the region and play a lead role in imparting technical education.

PSO

- PSO 1. Students are able to devise, analyze and implement algorithms.
- PSO 2. Students are able to exhibit their IT based knowledge for the development of Society.
- PSO 3. Enhance communication and leadership skills to get good position in National and International Organizations.

PEO

- PEO1: To prepare the graduates for successful careers in the IT industry, by developing their ability to solve computing problems in a multidisciplinary environment.
- PEO2: To develop the ability among the graduates to analyze data and technical concepts and various application development for real life.
- EO3: To Motivate and provide graduates with various opportunities for further studies, teamwork, and successful career in their chosen domain.
- PEO4: To motivate and encourage graduates to understand their, Social,ethical and Cultural responsibilities as well with their professional responsibilities.

OUR INSPIRATION

Shri Shrimant Shahu Chhatrapati Maharaj
President, AISSMS

From Principal's Desk

AISSMS College of Engineering has recently celebrated a momentous occasion as it successfully concluded the 2023-24 academic year, commemorating 30 years since its inception. I am thrilled to announce that our institution has been honored with the esteemed Grade A+ accreditation from the National Assessment and Accreditation Council (NAAC), a recognition that fills us with immense pride and joy.Throughout the years, AISSMS College of Engineering has consistently demonstrated its commitment to academic excellence, producing University gold medalists and top-ranking students across various engineering disciplines. Our faculty members actively engage in research and development, striving to further enhance the institute's reputation. Presently, we are directing our efforts towards strengthening our Engineering Research activities, with the aim of benefiting both our students and society as a whole. We are proud of our accomplishments and remain dedicated to upholding our institution's legacy of academic excellence, research advancement, and overall development of our students.

Dr.D.S.Bormane

From HOD's Desk

Dr.S.V.Athawale

Beyond a few years, your expertise now is not very valuable. Your value is determined by what you can learn and how well you can adapt to the changes that this line of work so frequently entails. We at the CSE Department are dedicated to giving our students not only a technical education but also the leadership skills necessary for them to employ others. You are invited to join the vibrant computer science community and become the future's visionaries and change agents by enrolling in the Department of Computer Engineering. To develop innovators and researchers, our esteemed staff guarantees a wide variety of unique learning opportunities at both the undergraduate and graduate levels.Various workshops, seminars, guest lectures, webinars and training programs based on current technologies are organized for the development of faculty and students. Industrial visits are arranged to expose the students to real world applications. The research work is carried out by the faculty along with students in the areas like Parallel Processing, Image Processing and Data Mining.The annual technical event Bits-n-Bytes is conducted under the aegis of AISSMS Engineering Today. It is the mega event in which students from all over India and SAARC countries participate. Students are encouraged and guided for participating in various technical events organized by industries and reputed institutes.As a result of sincere efforts of faculty & state of art facilities provided by the Department, our students are excelling in IT as well as other related industries. We have top class students who are consistently getting placed in leading MNCs, Infosys, Accenture, TCS, Wipro, Deloitte,,Capgemini etc with the highest package of 31 LPA and aspirational students also qualified in GATE with good rank in GATE2023. Good number of students are joining prestigious institutions like IIT, and Foreign Universities for higher education and research.
Come Learn, Let's Grow Together.

From Editorial's Desk

It gives us great pleasure to hand over to you "HORIZON" the newsletter of Computer engineering department.The department has over 21 staff members and more than 360 students. All of us are involved in a number of activities and working for the development of the department. We thought it would be proper to come out with a newsletter to highlight these activities. In engineering learning this activity adds a common platform to showcase the talents. It also provides for showcasing of achievements and efforts taken by one and all which contribute towards department strengths. We attempt to get the maximum contribution from staff and students to come together and interact through this newsletter. We try to pick the moments of guest lectures conducted by dept., various site visits carried out, competitions organized, various achievements and participation by students and staff. We hope this newsletter letter will help us in its way to achieve our goal & realize our vision progressively.Hope you will find this newsletter informative. Your suggestions for improvement in the newsletter are Welcome.

Horizon, Computer Department Newsletter

Editorial Board

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Mrs. Minal Swami

Shruti Patil

Iffa Shaikh

Students Achievements

Ms. Samruddhi Sonawane

Youth 20 Consultation an International Conference under G20 selected by Ministry of Youth Affairs and Sports, Govt. of India 2023
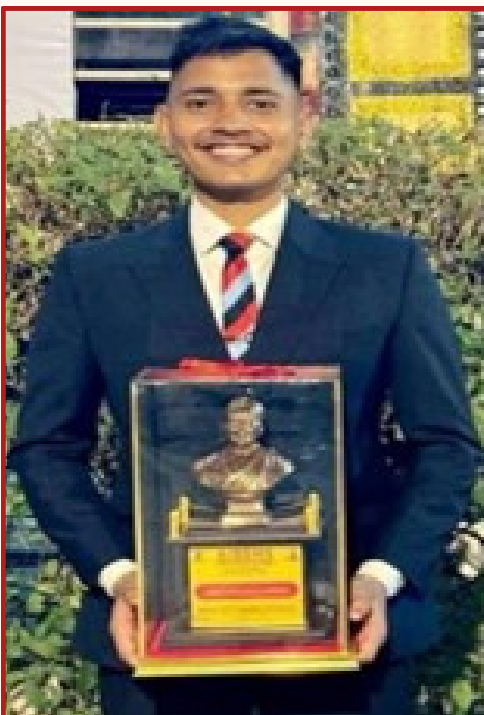

Mr. Sanket Kewale

Best Sports Person Award

Mr. Rajnish Singh

Best Student Award 2023

Shivanjali

Shivanjali

Inter-Departmental Sports

Activities Organized

SEMINARS / WORKSHOPS / EXPERT TALK/ WEBINARS ORGANIZED BY THE DEPARTMENT

CIPHERS organized an informative session on Guidance to Higher Education on February 7, 2024, aimed at providing students with valuable insights into higher education and overseas study opportunities. The session, hosted by Miss Vinisha, covered essential aspects of academic advancement, including application procedures, university selection, and career prospects. Students actively participated in discussions, gaining clarity on various educational pathways. The event served as a valuable platform for aspiring students to explore future academic opportunities and make informed decisions about their careers.

CIPHERS organized an engaging session, Code Launch, on February 23, aimed at helping students kickstart their coding journey and enhance their programming skills. The event provided valuable insights into the fundamentals of coding, problem-solving techniques, and career growth in the tech industry. Participants explored various programming concepts and received guidance on overcoming challenges in coding. The event successfully inspired aspiring coders to develop their skills and explore new opportunities in the field of technology.

The event "Ignition: Spark Your Startup Journey" took place on 15th April at CITP Hall from 3 to 4 PM. Organized by Cipher and AISSMS, it aimed to inspire participants with opportunities for networking, innovation, and inspiration. The session encouraged attendees to explore entrepreneurial ideas and connect with like-minded individuals. With an engaging agenda and a great turnout, the event successfully provided a platform for budding entrepreneurs to kickstart their startup journeys.

INDUSTRIAL VISITS

On February 29, 2024, an industrial visit to the Giant Metrewave Radio Telescope (GMRT) in Khodad, Maharashtra, was organized for 80 students from SE (A) and SE (B), accompanied by faculty members Prof. V. R. Jorwekar and Prof. Neha Rai. Coordinated by Mr. Mayur Nankery, the visit aimed to provide participants with an in-depth understanding of the operations and capabilities of one of the world's leading radio telescope arrays. Students were introduced to the cutting-edge technology, research projects, and scientific contributions of the National Centre for Radio Astrophysics (NCRA), which operates GMRT. The visit offered insights into how GMRT contributes to global astrophysical research, exploring phenomena such as pulsars, galaxies, and cosmic evolution. Participants also learned about the telescope's technological advancements, the challenges in radio astronomy, and the collaborative efforts driving innovation in the field. This enriching experience bridged academic knowledge and real-world applications, inspiring students to explore opportunities in astrophysics and advanced technologies.

FDP / STTP

FACULTY : Madhavi Pradhan
Title of the FPD/STTP : NFDP on "Business Analytics", 5th to 9th Feb 2024
Organized by : Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune
Date : 05-02-2024 to 09-02-2024

FACULTY : Dr S F Sayyad
Title of the FPD/STTP : Advances in material technology for next generation manufacturing
Organized by : AICTE
Date : 01-02-2024 to 05-02-2024

FACULTY : S R Nalamwar
Title of the FPD/STTP : National FDP on Business Analytics
Organized by : ExcelR Edtech Pvt.td
Date : 05-02-2024 to 09-02-2024

FACULTY : A M Jagtap
Title of the FPD/STTP : One week FDp on Business Analytics
Organized by : Excelr
Date : 05-02-2024 to 09-02-2024

FACULTY : V V Waykule
Title of the FPD/STTP : Artificial Intelligence and Generative Models
Organized by : VIT
Date : 05-02-2024 to 09-02-2024

Title of the FPD/STTP : National FDP on Business Analytics
Organized by : VIT
Date : 05-02-2024 to 09-02-2024

Title of the FPD/STTP : FDP on "Data Science Application in Real World Using Python"
Organized by : Indiara COE and Management 3
Date : 18-03-2024 to 22-03-2024

FDP / STTP

FACULTY : Dr D M Ujalambkar
Title of the FPD/STTP : Advances in material technology for next generation manufacturing
Organized by : AICTE
Date : 01-02-2024 to 05-02-2024

FACULTY : S J Pachouly
Title of the FPD/STTP : ChatGPT and Prompt Engineering
Organized by : Bharati Vidyapeeth College of Engineering - Navi Mumbai in Collaboration with ExcelR Edtech Pvt. Ltd
Date : 18-12-2023 to 22-12-2023

Title of the FPD/STTP : One week FDp on Business Analytics
Organized by : AISSMS College of Engineering
Date : 05-02-2024 to 09-02-2024

FACULTY : Mrs. S. S. Kolte
Title of the FPD/STTP : Business Analytics
Organized by: Department of Computer Engineering, AISSMS COE, Pune in collaboration with Excelr
Date : 05-02-2024 to 09-02-2024

Title of the FPD/STTP : AWS Cloud Fundamental and Services
Organized by : SIT
Date : 27-03-2024 to 31-03-2024

FACULTY : Neha A Rai
Title of the FPD/STTP : Business Analytics organized
Organized by: AISSMS College of Engineering
Date : 05-02-2024 to 09-02-2024

FACULTY : V V Navale
Title of the FPD/STTP : Advancements in Artificial Intelligence
Organized by: Vishwakarma Institute of Information Technology, Pune
Date : 04-03-2024 to 08-03-2024

FDP / STTP

FACULTY : V S Gunjal
Title of the FPD/STTP : NFDP on "Business Analytics", 5th to 9th Feb2024
Organized by : Department of Computer Engineering, AISSMS COE, Pune in collaboration with Excelr.
Date : 05-02-2024 to 09-02-2024

FACULTY : Mrs.V R Jorwekar
Title of the FPD/STTP : Multidisciplinary Education and Research
Organized by : NITTTR, Bhopal
Date : 10-06-2024 to 14-06-2024

RESEARCH CONTRIBUTION PUBLICATIONS

FACULTY : Dr.S.V.Athawale
Title : Enhanced ubiquitous system architecture for securing healthcare IoT using efficient authentication and encryption
ISSN : 2364415X
Date of Publication : 2024

Title : Blockchain-Based Lightweight Authentication Protocol for Next-Generation Trustworthy Internet of Vehicles Communication
ISSN : 1558-4127
Date of Publication : 2024

Title : Securing Smartphone User Authentication Using Teeth Pattern
ISSN : 2633-4828
Date of Publication : 2024

FACULTY: Shabnam Sayyad
Title: Political Flower pollination Optimizer for age-related macular degeneration detection enabled deep Maxout network using OCT
ISBN: 978-620-5-63291-8
Date of Publication: 2024

FACULTY: Deepali Milind Ujalambkar
Title: Automated Dental Cavity Detection System Using Deep Learning
ISSN: 2349-0918
Date of Publication: 2024

FACULTY: Anuradha S. Deokar
Title:1. Impact of 5G onInternet of Things and its Challenges
eBook ISBN: 10123407
Date of Publication: February - 2024

Title: 3. "Flames of Redemption "Narrative-Driven 2D Platformer Game in Unity Game Engine
Date of Publication: May 2024

FACULTY: Snehal Kolte
Title: Overview on Efficient Resource Provisioning Approach Using Cloud Computing Environment
ISSN: 2321-9653
Date of Publication: May 2024

FACULTY: Neha Amit Rai
Title: DEEP LEARNING APPROACHES FOR BRAIN TUMOR CLASSIFICATION
ISSN: 2349-9249
Date of Publication: 2024

FACULTY: Vandana Vinayak Nawale
Title: FeelFlow: Music Recommendation System Based on Facial Expression
ISSN: 2349-5162
Date of Publication: April 2024

FACULTY:Vipul Suresh Gunjal
Title: Impact of 5G on Internet of Things and its Challenges
ISSN: 2582-3930
Date of Publication: 2024