



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



HORIZON NEWSLETTER

Principal: Dr.D.S.Bormane

Jan 2023 to May 2023

Head of Dept.: Dr.S.V.Athawale

Date of publication : June 2023

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.

PEO3: 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**



Dr.D.S.Bormane

From Principal's Desk

AISSMS College of Engineering has recently celebrated a momentous occasion as it successfully concluded the 2022-23 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.

From HOD's Desk

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 GATE2022. Good number of students are joining prestigious institutions like IIT, and Foreign Universities for higher education and research.

Come Learn, Let's Grow Together.



Dr.S.V.Athawale

From Editor'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

Published at: AISSMS COE

Department of Computer Engg, AISSMS College of Engineering, Kennedy Road,
Shivajinagar, Pune -411001



Mrs.Snehal Kolte



Saurav Lonkar



Sanchit Patil

Student Achievements

Siddhi Ranpise

Winning second place in the BIZTRIVIA competition
organized by COEP tech's Startup Fest 11th and 12th March
2023

Winning second place in the BRANDSCAN competition
organized by COEP tech's Startup Fest 11th and 12th March
2023



Shivanjali



Inter-Departmental Sports



ACTIVITIES ORGANIZED

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



Ideathon

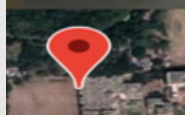
AISSMS COE Institution Innovation Council (IIC) Organized Ideathon. The objectives of the program was to spread awareness about Entrepreneurship among students, to help the students sharpen their minds and give them the opportunity to express themselves, learn entrepreneurship and develop their practical knowledge about idea pitching and startup. Recognizing the ideas and taking the ideas to the next level. To motivate toward entrepreneurs and bring a revolution in young minds about being self-dependent. To help the students understand obstacles/challenges faced.

Expert Lecture on Java Programming

Computer Engineering Department organized a, Expert Lecture on 'Java programming' on 2 nd May, 2023 to enhance knowledge of Java programming of Second Year Computer Engineering Students.

During student interaction, Mr. Nikhil spoke about the upcoming technologies and need of Software industry. He created interest in student's mind about the role of computer engineer in world of Programming. He also tried to connect it with S/w Development. All the doubts of students were well cleared by Mr. NikhilKamble.

This Expert Lecture was successful enough to students to enhance knowledge about 'Java programming'.



Pune, Maharashtra, India

1, RB Motilal Kennedy Rd, Railway Officers Colony,
Shivajinagar, Pune, Maharashtra 411001, India
Lat 18.531476°

ACTIVITIES ORGANIZED

SOCIAL ACTIVITIES AND INDUSTRIAL VISITS



INDUSTRY VISIT AT rtCamp Solutions Pvt Ltd.

Department of Computer Engineering has organized Industrial Visit at rtCamp on 20th April 2023. This visit was organized for SE Computer Shift-Istudents accompanied with four faculties. Strength of the students was 52.

rtCamp Solutions Pvt. Ltd. provides finely-crafted, powerful WordPress enterprise solutions and consulting that empower your audience & employees alike. The open-source technologies at the center of help you unlock operational efficiency, develop new capabilities, remove vendor lock-in, reskill your teams, and reduce TCO.

The Objective was to give exposure to students to interact with Industry Experts, industry leaders, professionals, entrepreneurs, policymakers, and corporates who share their wisdom, learning, and experiences. It also helps to promote scientific culture, inculcate scientific temper for nurturing talent in science and technology, and undertake research in scientific disciplines for conversion of science into technology. This will surely benefit to students in their domain and shape student's professional carrier path.

Social Visit A W Sindhu Vidya Bhavan

The students of Second and Third Year Computer Engineering visited A W Sindhu Vidya Bhavan on 29th Mar. 2023. The purpose of the visit is to spread love and experience unforgettable moments. Institute is deeply concerned about overall development of special children and youth. As a regular ongoing endeavor A W Sindhu Vidya Bhavan provides facilities free of cost to special children for their recreation and sports. The activity starts with curiosity and ends with a sense of satisfaction at accumulating important knowledge in an enjoyable manner. A W Sindhu Vidya Bhavan offers an ideal environment for their overall growth and believes in encouraging the children every way possible, a humble yet attractive comfortable spacious building with lush green lawns. Lovely myriad blossoms welcome the children every day. The institution has warm affectionate and extremely diligent teachers to coach the children to develop various skills'.



ACTIVITIES ORGANIZED

EVENTS ORGANIZED BY THE DEPARTMENT



TEDxAISSMSCOE

The vision of TEDx was first brought to life for the very first time in the history of AISSMSCOE. AISSMS College of Engineering hosted its first ever TEDxAISSMSCOE Event. The event was graced with the precious presence of All Shri Shivaji Memorial Society's management members Honourable Secretary Shri. Maloji Raje Chatrapati, Ms. Yashaswini Raje, Hon. Joint Secretary Shri Suresh Shine, Treasurer Shri Ajay Patil, Advocate Shri Bhagwanrao Salunkhe and Shri Dhaval Jitkar who felicitated the insightful speakers – Mr. Ayush Prasad, Mrs. Jaskirat Kaur, Mr. Jitender Girdhar and Mr. Ayush Sharma. Respected Principal Dr. D. S. Bormane welcomed everyone and briefed about the rich cultural heritage and history of our esteemed Institute.

Faculty Achievements

Awards & Recognition

Dr.D M Ujalambkar

- International Award on Social Reforms and Higher Education.
- Nominated as BOS member (Computer Engineering) at SPPU,Pune

Mrs.S.J.Pachouly

- I have been invited and felicitated in the program The Kavi collective by RED FM Delhi on 17 dec 2022 for my literary contribution and poetry with The Legendary Poet Dr Kumar Vishwas.

Interaction With Outside World

Dr.D M Ujalambkar

- Paper setter for ME (AIDS)- DMW, BDS and SDS subjects 2019 End Sem Exam.

Dr M A Pradhan

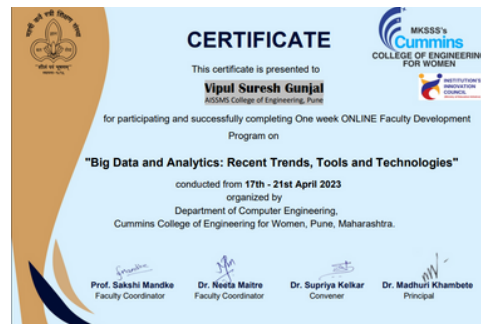
- Board of studies member Computer Engineering Pimpri Chinchawad College of Engineering, Pune, Member
- Board of studies member Computer Engineering MKSS Cummins College of Engineering, Pune, Member
- Board of studies member Computer Engineering VIIT , Pune, Member.

A.S.Deokar

- Paper Setter for PPL(SE) 2019 Pat EndSem

Awards & Certificates

FACULTY : Vipul Gunjal



Faculty Achievements

Awards & Certificates

FACULTY : Vandana Navale



FACULTY : Swamiraj Jadhav



Faculty Achievements

Online Courses Completed By Faculties

Neha Rai

Effective Engineering Teaching In Practice
NPTEL
4 weeks 26/03/2023

Neha Rai

Energy Literacy Training
Energy Swaraj Foundation
15/03/2023

Neha Rai

NITTT - Module 1 - Orientation Towards
Technical Education and Curriculum Aspects.
NITTT(AICTE)
January 2023

Neha Rai

NBA Accreditation and Teaching and learning
in Engineering (NATE)
NPTEL
30/04/2023

S S Kolte

Energy Literacy Training
Energy Swaraj Foundation
15/03/2023

V V Navale

Deep Learning
NPTEL
Jan- April 2023

V V Navale

NITTT - Module 1 - Orientation Towards
Technical Education and Curriculum Aspects.
NITTT(AICTE)
January 2023

S R Nalamwar

Energy Literacy Training
course spanning over 12 modules.
Energy Swaraj Foundation

V V Navale

Energy Literacy Training
course spanning over 12 modules.
Energy Swaraj Foundation
11/03/2023

S J Pachouly

Effective Engineering Teaching In Practice
NPTEL
4 weeks 26/03/2023

A M Jagtap

Energy Literacy Training
course spanning over 12 modules.
Energy Swaraj Foundation
31/03/2023

S S Jadhav

Energy Literacy Training
course spanning over 12 modules.
Energy Swaraj Foundation
31/03/2023

V S Gunjal

Complete_3 Hrs_Free Online Video
Based_Energy Literacy Training (ELT)
Course_AISSMS College of Engineering, Pune
Energy Swaraj Foundation
20/02/2023

V V Waykule

Energy Literacy Training
course spanning over 12 modules.
Energy Swaraj Foundation
19/03/2023

Dr D M Ujalambkar

Energy Literacy Training
course spanning over 12 modules.
Energy Swaraj Foundation
19/03/2023

RESEARCH CONTRIBUTION PUBLICATIONS

FACULTY : Dr.S.V.Athawale

Documentaion Details : Strengths of computational systems of techniques using artificial intelligence in machine learning

Source Details : /www.inderscienceonline.com/journal/ijss

ISSN : 00207721

Publisher : System of Systems Engineering

FACULTY : D.P.Gaikwad

Documentaion Details : Ensemble of Decision Trees for Intrusion Detection System

Source Details : /journal.uob.edu.bh/handle/123456789/47

ISSN : 142X

Publisher : National Journal of Computing and Digital Systems

Documentaion Details : Digitization and Classification of Prescription and Medical Reports of Patients Using Deep Learning

Source Details : /smsjournals.com

ISSN : 5767

Publisher : Nddhi Publication

FACULTY : Dr.M.A.Pradhan

Documentaion Details : Classify Foetal Health in order to predict foetal and maternal mortality 2204-2207 (2023 URTI Volume 8, Issue 51 ISSN: 2456- 3315)

Source Details : /www.ijrti.org/papers/IJRTI2305217.pdf

ISSN : 3315

Publisher : National Journal for Research trends and Innovation (IJRTI)

Documentaion Details : An Approach for Fake News Detection on Social Media Reviews Using Machine Learning

Source Details : /www.jetir

ISSN : 9801

Publisher : National Journal of Innovative Research in Science, Engineering and Technology

FACULTY : Dr.S.F.Sayyad

Documentaion Details : Blockchain Technology Applications and Cryptocurrencies: Current Practice and Future Trends

Source Details : pbr.co.in

ISSN : 438X

Publisher : pbr.co.in

FACULTY : N.R.Talhar

Documentaion Details : Customer Churn Prediction Using Machine Learning

Source Details : /www.ijraset.com/editorial-board.php

ISSN :9653

Publisher : National Journal of Scientific and Research Publications

FACULTY : S.R.Nalamwar

Documentaion Details : Enhancing the Concept of Generative Art

Source Details : /www.ijraset.com/

ISSN :9653

Publisher : National Journal for Research in Applied Science & Engineering Technology (IJRASET)

FACULTY : A.M.Jagtap

Documentaion Details : Blockchain-Inspired Criminal Record Management System and Psychological Behavior Forecasting using Machine Learning

Source Details : www.isteonline.in/

ISSN :3034

Publisher : Indian Journal of Technical Education

FACULTY : D.M.Ujalambkar

Documentaion Details : Optical Character Recognition in Healthcare

Source Details : /www.irjet

ISSN :0056

Publisher : International Research Journal of Engineering and Technology

FACULTY : S.G.Dhengre

Documentaion Details : The Proposed Intrusion Detection System using Support Vector Machine by IOT Enabled WSN

Source Details : ijraset.com

ISSN :9653

Publisher : National Journal for Research in Applied Science & Engineering Technology (IJRASET)

FACULTY : S.J.Pachouly

Documentaion Details : Depression Detection of audio,Image and text using Machine Learning Technique

Source Details : /ijsrem.co

ISSN :3930

Publisher : National Journal of Scientific Research in Engineering & Management

Documentaion Details : Student General Performance Prediction Using ML Algorithm

Source Details : /doi.org/10.22214/ijraset.2023.53398

ISSN :9653

Publisher : National Journal for Research in Applied Science & Engineering

FACULTY : A S Deokar ,Tanuj Gupta, and et al

Documentaion Details : Decentralized E -KYC blockchain network for central Bank

Source Details : Vol.11 ,Issue III , Mar 2023

ISSN : 2321-9653

Publisher : IJRASET

FACULTY :M.M.Phadatare

Documentaion Details : Automated Question Generator using NLP

Source Details : /www.ijraset.com/research-paper/automated-question-generator-using-nlp

ISSN :9653

Publisher : National Journal for Research in Applied Science & Engineering Technology (IJRASET)

FACULTY : A.M.Jagtap

Documentaion Details : Blockchain-Inspired Criminal Record Management System and Psychological Behavior Forecasting using Machine Learning

Source Details : www.isteonline.in/

ISSN :3034

Publisher : Indian Journal of Technical Education

Documentaion Details : Fire Detection Using Image Processing

Source Details : /www.jetir

ISSN :5162

Publisher : Emerging Technologies and Innovtive Research

FACULTY :S.S.Jadhav

Documentaion Details : Banana Crop Disease Detection Using Deep Learning Approach

Source Details : /www.ijraset.com/

ISSN :9653

Publisher : National Journal for Research in Applied Science & Engineering Technology (IJRASET)

FACULTY : N.A.Rai

Documentaion Details : Making Legal Contract Smart using Block Chain Technology

Source Details : ijaresm.co

ISSN :6211

Publisher : National Journal of All Research Education and Scientific Methods (IJARESM)

FDP / STTP

FACULTY : Dr. S V Athawale

Title of the FDP/STTP : Big data analytics: Recent Trends,tools & Technology

Organized by : Cummins College Of Engineering For Women

Date : 01/04/2023

FACULTY : Dr. S F Sayyad

Title of the FDP/STTP : Energy Literacy Training Program by Swaraj Foundation 12 modules

Organized by : Swaraj Foundation

Date : 20/02/2023

Title of the FDP/STTP : Online International Level Faculty Development Program on Data Science using Machine Learning

Organized by : Pravara Rural Engineering College in Collaboration with ExcelR

Date : 02/01/2023 - 06/01/2023

FACULTY : Mr. N R Talhar

Title of the FDP/STTP : Energy Literacy Training Program by Swaraj Foundation

Organized by : Swaraj Foundation

Date : 24/04/2023

FACULTY : Mrs. S R Nalamwar

Title of the FDP/STTP : Block Chain technology

Organized by : JSPMS Wagholi, Pune

Date : 13/03/2023 - 17/03/2023

FACULTY : Mrs. A S Deokar

Title of the FDP/STTP : Faculty Orientation Program on Laboratory Practice -VI

Organized by : I2IT, Hinjewadi, Pune

Date : 13/03/2023 - 17/01/2023

FACULTY : Mr. A M Jagtap

Title of the FDP/STTP : One Week FDP on Big data Analytics: Recent Trends, Tools and Technology.

Organized by : Cummins College of Engineering, Pune

Date : 17/04/2023 - 22/04/2023

FACULTY : Mrs. V V Waykule

Title of the FDP/STTP : Faculty Orientation Program on Business Intelligence

Organized by : SNJB'S Jain College of Engg

Date : 17/04/2023 - 18/01/2023

Title of the FDP/STTP : Faculty Orientation Program on Deep Learning

Organized by : SRES'S Shri Ramchandra COE

Date : 19/01/2023

FDP / STTP

FACULTY :Dr. D M Ujlambkar

Title of the FPD/STTP : One week Online FDP on “Blockchain Technology and Its Use Cases”

Organized by : Department of Information Technology, Marathwada Mitra Mandal's College of Engineering, Karve Nagar, Pune

Date : 20/03/2023 - 25/03/2023

FACULTY : Mrs. S J Pachouly

Title of the FPD/STTP : EDP on Effective Engineering Teaching In Practice

Organized by : NPTEL

Date : 26/03/2023

FACULTY : Mrs. M M Phadtare

Title of the FPD/STTP : Energy Literacy Training Program by Swaraj Foundation

Organized by : Swaraj Foundation

Date : 17/04/2023

FACULTY : Mrs. S S Kolte

Title of the FPD/STTP : Data Science", organized by Department of Artificial Intelligence & Data Science, Computer Engineering

Organized by : D Y Patil Institute of Engineering and Management Research, Akurdi

Date : 06/02/2023 - 10/02/2023

FACULTY : Mrs. Neha Rai

Title of the FPD/STTP : Effective Engineering Teaching In Practice

Organized by : NPTEL

Date : 26/03/2023

FACULTY : Mrs. V V Navale

Title of the FPD/STTP : One Week Online Faculty Development Program on “Deep Learning Applications, Tools, Process Design and Development”

Organized by : Modern Education Society's College of Engineering, Pune

Date : 20/03/2023 - 28/03/2023

FACULTY : Mrs. V S Gunjal

Title of the FPD/STTP : Energy Literacy Training Program by Swaraj Foundation

Organized by : Swaraj Foundation

Date : 24/04/2023

Title of the FPD/STTP : Big data Analytics: Recent Trends, Tools and Technology.

Organized by : Cummins College of Engineering Pune

Date : 17/04/2023 - 22/04/2023
