



**AISSMS**  
**COLLEGE OF ENGINEERING**

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



## MAGAZINE DEPARTMENT REPORT 2022-23

### **DEPARTMENT OF COMPUTER ENGINEERING**



Dr. Shashikant V. Athawale

PhD. (CSE)

M.Tech (Computer Technology)

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Head of Department: 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.

Computer Engineering is the field which deals with analyzing and designing hardware, software, and operating systems for a computer system. Our students are trained in software design and the integration of

hardware and software. The Department has well equipped laboratories with a good number of personal computers, servers and latest licensed software's like Oracle, Rational Rose, MATLAB, .NET, 3D-Max, Micro soft Teams etc. The Central Computing facility and internet center with 500 Mbps lease line are managed by the Department. The Department also has a library.

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...

### **Intake of Computer Engineering Department:**

<b>Undergraduate &amp; Postgraduate</b>	<b>Annual Intake</b>
UG Computer Engineering	60
UG Computer Engineering 2nd Shift	60
PG in Artificial Intelligence and Data Science	18
Ph.D. Computer Engineering	16

Starting Year: 1998

**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.

**Program Educational Objectives :**

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 ability among the graduates to analyze data and technical concepts for various application development of real-life.

PEO3: To Motivate and provide graduates various opportunities for further studies, team work 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.

**Introduction of Department:**

One of the Best Computer Engineering College in Pune, India – AISSMS College Of Engineering was started in the year 1998. The goal of the Department is to prepare students for successful careers in software

and hardware industry that meets the needs of Indian and multinational companies and to excel in higher studies.

The Department has experienced and dedicated faculty members with strong commitment to the engineering education and professional ethics. Ranking and Achievement AISSMS College of Engineering have started newly Master degree (PG) course (ME) in Artificial Intelligence and Data Science in Department of Computer Engineering from Academic Year 2021-22

Recently, from the academic year 2021-22, PhD Research center for the Computer engineering has been started.

➤ Areas of Research Studies:

- Systems and Networking
- Security and Privacy
- Programming Languages
- Theory of Computation
- Data Mining
- Artificial Intelligence and Machine Learning
- Vision and Graphics
- Robotics

## Events held by Department:

### 1) INDUSTRY VISIT AT AUTO CLUSTER DEVELOPMENT AND RESEARCH INSTITUTE

**Event Coordinator:** Mrs. V V Waykule





## 2) INDUSTRY VISIT FRIDAY AT MAPRO FOOD PARK SHENDURJANE , TAL- WAI, DIST. SATARA

**Event Coordinator:** Dr D M Ujalambkar, Dr S F Sayyad



## 3) VISIT AT SCIENCE PARK



#### 4) SOCIAL VISIT

**Event Coordinator:** Mrs. M M Phadtare



#### Facilities:

- Linux Laboratory
- Computer Network Laboratory
- Computer Design Laboratory
- Computer software Laboratory
- Microprocessor Laboratory
- Digital & Hardware Laboratory
- Multimedia Laboratory
- Project Laboratory
- PG Laboratory
- Computer Center
- Smart Interactive Board
- Tutorial Room
- Seminar Room
- Licenses copy softwares



- LCD Projectors

## Faculty Achievements:

**Dr. S. V. Athawale** Published book on Ad-Hoc and Wireless Sensor network By Pearson.

### Dr M A Pradhan

- Judge in Avishkar Competition organised by SPPU and AISSMSCOE.
- Resource Person in National level workshop on "Research methods and statistical analysis" organised by SPPU and AISSMSCOE.

**Dr.D.P.Gaikwad** published paper title "Ensemble of Decision Trees for Intrusion Detection System" on SCOPUS Journal.

**Dr. S. F. Sayyad** Completed a postdoctoral fellowship in computer science engineering Malaysia.

**Dr. A. J. Kadam** Awarded Phd in Computer Science Engineering SRTMU Nanded.



### Dr. D. M. Ujlambkar

- Published book on Congestion Control Schemes in Optical Burst Switched Networks.
- Published book on Soft Computing.

### Mrs. S. J. Pachouly

- Have been invited and felicitated to participate in an literature event held in Dubai on 10 September 2022.



- Have been honored in the one of biggest news channels cultural program shahitya aaj tak by aaj tak on 20 Nov 2022.
- Invited and felicitated in the program The Kavi collective by RED FM delhi on 17 dec 2022 for literary contribution and poetry.



**Mrs. S. S. Kolte** Awarded as "Sanman Naricha 2022" by Mahalaxmi Mahila sanstha

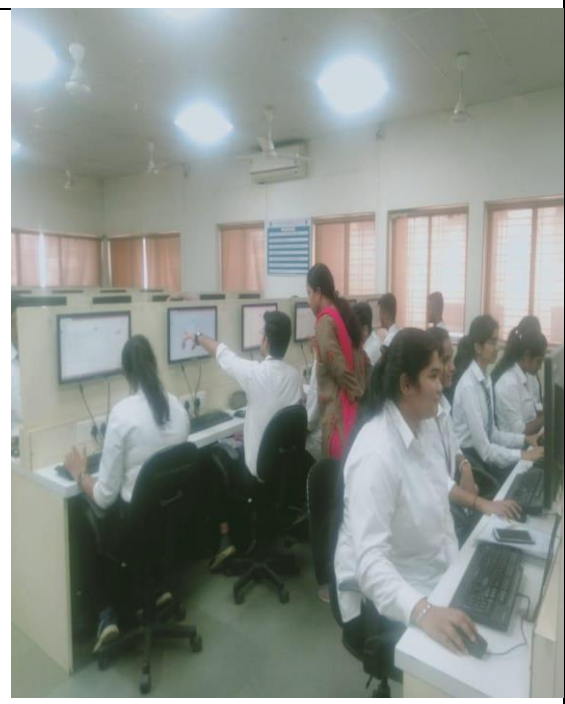
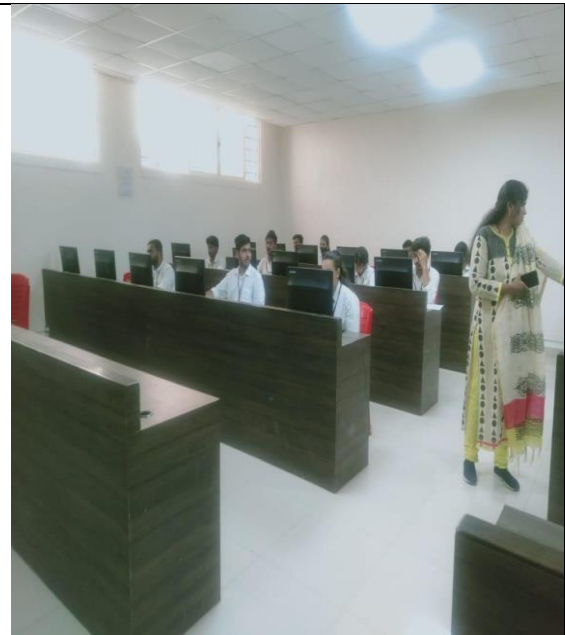
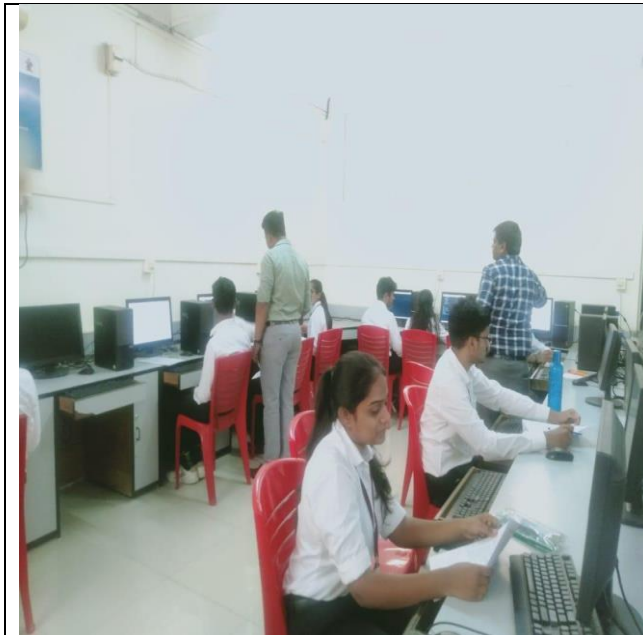
**Ms. V. V.Navale** Published Patent in "NEURAL NETWORK FOR ECG ANOMALY DETECTION IN IOT ENVIRONMENT".

### **Student Achievements:**

- 1) Ms. Samruddhi Selected as National Leader for "National Adventure Camp" organized by the Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports(ABVIMAS) Solang,Himachal Pradesh,India.
- 2) Ashutosh Sathe is elected as Chairperson for Pune district conference of YIN Shadow Cabinet.
- 3) Ashutosh was among 7 members selected from all over Maharashtra to host Summer Youth Summit, biggest Youth Summit in Maharashtra, working with IAS Ayush Prasad , IPS Amitabh Gupta and IPS Abhinav Deshmukh
- 4) Ms.Pranali Gole Won MEDICAMENTUM-22 Hackathon held at Delhi.

➤ Images:

1) Images of Lab



## **Engineering Today 2022**

### **1) Name of the Event: Clash Royale**

**Faculty Co-Ordinators:** A.M. Jagtap, P.W. Gadam

**Student Co-Coordiators:** Harsh Oswal (Head), Lalith Kumar (Co Head), Rajas Uchgaokar, Jaysheel Dodia, Srushti Labade, Anushka Joshi, Aditya Bhalerao, Dipesh Shah



### **2) Name of the Event: OVERTIME ACES (Bits n Bytes) - A Gaming Event**

**Faculty Co-Ordinators:**

Prof. Sumedh Dhengre, Prof. Ashiwini Bhosale

**Student Co-Coordiators:**

Satanshu Aglawe (Event Head), Gaurav Pagare (Co- Event Head), Shreyas Khandale (Event Stream Head), Atharva Virkar (Co-Event streamer), Aniket Dhakne (Co-Event streamer), Punarv Pawade (Co-Event streamer), Pranay Dhopte, Rushikesh Nimkar, Sonshree Piwalatkar, Mohit Sarode



### **3) Name of the Event: Anime-Astra Quiz**

#### **Faculty Co-Ordinators:**

S.R. Nalamvar, V.V. Navale

#### **Student Co-Coordiators:**

Darshan Tholiya(Head), Venkatesh Soni(Co-Head), Vaishnavi Jadhav, Chinmayee Atre, Monika Deokar, Srishti Yadav, Siddhi Ranpise, Atharva Kharat, Aniket Tiwari, Yash patil, Sanika Jawanjal, Sakshi Palekar





#### **4) Name of the Event: Slytherin Scavengers (The Treasure Hunt)**

##### **Faculty Co-ordinators**

Mrs. S. S. Kolte, Mrs. Neha Rai

##### **Student Coordinators:**

Aditya Agrawal, Sharayu Rasal



## Department Initiative

### Center of Excellence in Practical Help Anywhere



The Department of Computer Engineering has pursued keen Practical Learning initiatives, Centres of excellence are established by the Department of Computer Engineering. Centre of Excellence is a facility with necessary infrastructure to enhance the **Practical Help Anywhere (PHA)** upgrade skills of the students. These centres provide ample opportunity for the students and staff to comprehend the practical practice and upgrade their knowledge through industry relevant standard using these facilities and the Practical knowledge know-how. Centre offers practical's hand on experience any time anywhere. Efforts are on to set up more such centres to strengthen ties between the practical's knowledge of the students.

[www.aissmscoe.tech](http://www.aissmscoe.tech)

#### Objective of this facility:

- Coding may help you grasp technology.
- It can improve problem-solving abilities.
- Coding can be applied to data visualization
- Coding can complement creativity
- Coding is a universal language
- Coders are part of a community
- Coding can improve career prospects