



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accreditation by NAAC with 'A+' Grade.

College code:EN6278



INFORMATION BROCHURE



About Society

The All India Shri Shivaji Memorial Society (AISSMS) was established in 1917 by Rajarshi Chhatrapati Shahu Maharaj of Kolhapur to promote the noble cause of education to all strata of society especially the under privileged and economically backward class. The Society started a day school and Jr. College in 1972. To keep up with the changing times, in the year 1992, AISSMS made a foray into higher and technical education. Today, besides running residential and day school and Jr. Colleges, AISSMS runs world class College of Engineering, Institute of Information and Technology, Hotel Management, Polytechnic in two shifts, with wide spectrum of disciplines. We can truly boast of imparting world-class education from KG to PG with state-of-the-art equipped facilities for studies, research work and co-curricular and extra-curricular activities.

About Engineering College

As an educational Institute it becomes our prime responsibility to provide industry-ready and globally employable engineers to strive in positively impacting society and creating a notable change. Thus AISSMS College of Engineering Pune, has strived above and beyond to serve society through providing quality education. The All India Shri Shivaji Memorial Society's College of Engineering, Pune (AISSMSCOE) established in 1992 and is approved by AICTE, New Delhi. The College is recognized under section 2(f) and 12(B) by UGC. It is recognized by the Government of Maharashtra and affiliated to the Savitribai Phule Pune University (SPPU), Pune. It is the first Institute to be accredited with A+ grade by NAAC in the first cycle. The College within a short span has established itself as one of the best Engineering College in Maharashtra and also in India. AISSMS College of Engineering received "Best Professional College" Award in Urban Category by Savitribai Phule Pune University (SPPU), Pune. This institute is located in the heart of Pune city having sprawling campus of 11 acres with a large sports ground which is used for various sports competitions, parades and events.

Today, engineering is at its zenith with innovative advancements in technology continuously encouraged by the zeal of mankind to achieve beyond what mind can think. Engineering is just another word for innovative ideas being brought to life. The primary driving force for most of the new inventions is a need of human beings. From the beginning of time, man has been on a constant journey of radical change right from the invention of the wheel to the latest technology of flexible screen being designed to be incorporated in Mobile phones. Every sphere of engineering and technology are putting hard efforts to better themselves daily, bringing mankind to new and higher horizons. These spheres of Engineering include specializations like Computer Engineering, Electronics and Telecommunication, Electrical, Mechanical, Civil, Production Engineering etc. These branches, and many more, have their special importance in the development of the various technologies and have also created many opportunities for research, placements in private, public and government sectors, Entrepreneurship development, internships etc.

Every branch of engineering has a special part to play in the advancement of humanity and in turn engineers have a special call to play their role efficiently to give back to society in the form of technological and infrastructural development. It is very important to become aware of the influence that each specialization has on the lives of young engineering aspirants not only in terms of providing them with enormous job opportunities but also giving them the power to impact the development of society for the bright future of the generations to come.

Vision

- Service to Society through Quality Education

Mission

- Generation of National Wealth through Academic and Research
- Imparting Quality Technical Education at an affordable cost to all Strata of the Society
- Enhancing Quality of Life through Sustainable Development
- Carrying out High Quality Intellectual Work
- Achieving the Distinction of Highest Preferred Engineering by Stake Holders

Core Values

- Leadership and Cultural heritage
- Honesty and Integrity
- Freedom of Thought and Expression
- Excellence
- Accountability and Transparency
- Encouragement
- Social Responsibility

Goals

- To Inculcate learning habit
- To create an environment to make students creative and innovative
- To promote project based learning
- To strengthen Industry-institute Interaction
- To ensure continuous improvement in quality
- To develop entrepreneurship skills
- To nurture the spirit of team work
- To catalyze all round development of students
- To develop technologies for sustainable development

Bachelor of Engineering (BE) Total Intake - 660

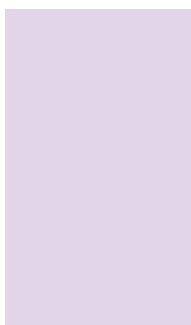
Sr. No.	Branch	Branch Code	Course Starting Year	Intake
1.	Chemical Engineering	627850710	1996	60
2.	Civil Engineering	627819110	2002	120
3.	Computer Engineering	627824510	1999	120
4.	Electrical Engineering	627829310	1992	60
5.	Electronics & Tele. Engineering	627837210	1992	60
6.	Mechanical Engineering	627861210	1992	120
7.	Mechanical Engineering (Sandwich) #	627862510	1994	60
8.	Production Engineering (Sandwich)#	627862610	1994	60

Master of Engineering (ME) Total Intake – 126

Sr. No.	Branch	Branch Code	Course Starting Year	Intake
1.	Chemical Engineering	627850710	2011	18
2.	Civil Engineering: (Structure Engineering)	627821210	2011	18
3.	Artificial Intelligence and Data Science		2021	18
4.	Electrical Engineering: (Power Electronics & Drives)	627890210	2011	18
5.	E & TC Engineering: (IOT and Sensor Systems)		2021	18
6.	Mechanical Engineering: Automotive Engineering	627863010	2010	18
7.	Mechanical Engineering Design	627890410	2013	18

PhD Research Center:

- Chemical Engineering
- Computer Engineering
- Mechanical Engineering



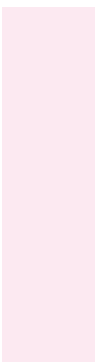
#About Sandwich Courses: Benefit and Importance

The Mechanical and Production Sandwich courses provides an opportunity to students to get exposure to the industrial environment and to interact with industry professionals during one year industrial in-plant training as an essential component of four year Degree course. Over time, several new developments have taken place in this specialization to meet the needs of the modern industry. Such as CNC, DNC, machine centres, automation special purpose machines etc. Rapid Prototype Quick Product Making Machines, 3D Printing New Product Making Machines save a huge amount of time from Designing to Manufacturing. The use of Data Science, Artificial Intelligence and Machine Learning has greatly increased in the recent past. Currently special efforts are being made at the level of large-scale metallic 3D printing parts, which have become profitable at professional level to some extent.

The Sandwich Pattern came into existence for the students to get an in-depth knowledge and experience of the upgraded machinery and technology and to be aware of the new prevailing technology. According to this pattern, out of the four-year course, the Student of Mechanical Engineering and Production Engineering Sandwich spend one year i.e., two semesters for in-plant training in the industry where he/she is introduced to the recent industrial culture which adds to their knowledge. During one year of the industry experience, students get the opportunity to work on real-life problems. The students thoroughly examine the issues at hand and complete the assignments given to them based on the same and later their knowledge is tested. A person from the industry acts as an external examiner for the examination. Throughout the year, the student learns important aspects of self-development and personality development such as professional ethics, communication skills, work organization, leadership skills, confidence, organizational skills etc through which he gains progress and stability in the future. This experience enables a student to have innate work skills, motivation and effort, acceptance of opinions, ability to make decisions, emotion and creativity.

The main advantage of this pattern, is that the students undergoing in-plant training are keenly observed, and potential students are identified and often offered jobs in the industry where they served their training tenure. Training helps students to develop their critical thinking, problem solving ability, observation ability, project management, and finance management, group working skills, leadership quality and the other skills required to complete their engineering degree and establish a fruitful career. The idea of Industry work culture is induced deeply into the students. Students also get the opportunity to work on significant mini projects. Due to this in-plant training, the attitude of the industrialist towards the prospect graduates has completely changed. Since the student is aware of the challenges of the corporate environment, the student becomes industry ready and can prove beneficial to the work sector. The industry also saves the cost of training the student so he is more likely to get a job immediately.

The Sandwich course is of four years duration and is recognized by AICTE, New Delhi and Government of Maharashtra. The Degree is awarded by Savitribai Phule Pune University. The Sandwich student training is essential as per the university curriculum and it is also recognized by the Board of Apprenticeship training as per Apprenticeship Act – 1973. The placement of students in the industry is done by College. The training is conducted in reputed industries like TATA Motors, Thermax, SKF Bearing, JCB, John Deere, Volkswagen, L'OREAL, Mercedes-Benz, GM, Crompton Greaves, Sandvik Asia, Forbes Marshall, Alfa-Laval, Bosch etc.



AISSMS College of Engineering Achievements / Awards

Sr. No.	Achievements / Awards
1.	Accredited with grade “A+” by NAAC
2.	Received “ Best Professional College ” Award in Urban Category by SPPU, Pune
3.	2(f) 12 (B) Recognition under UGC Act 1950
4.	UGC has approved as mentor institute under “ Paramarsh ” scheme
5.	Institutional Innovation Cell is registered with AICTE innovation Cell, MHRD
6.	Best students' chapter IE(I) awards (six times in last seven years)
7.	Best students' chapter CSI awards (three times in last five years)
8.	645 University Rankers, 21 Gold medallist till date, 180 Rankers in last 5 years
9.	Winner of Hackathon 2019 Hardware Edition held at IIT Hyderabad
10.	2nd state level prize to college annual magazine “Hrudayam” by Zee Marathi Disha
11.	Virtual Lab Nodal Centre
12.	For under Gold Category 2020, AICTE-CII survey of Industry Linked Technical Institute 2020
13.	AISSMSCOE winning IEEE section emerging branch of the year 2020
14.	Winner of Impact to Reality award Betic Emedha Hackathon 2021
15.	Team Shivdarpan College Annual Magazine for winning 2nd position at university y level magazine competition
16.	AISSMS College of Engineering wins a 'National Education Excellence Awards, 2021' for 'Best Engineering Colleges in Terms of Placement and Industry Interface'

AISSMS College of Engineering Ranking and Recognition

Sr. No.	Ranking and Recognition
1.	Graded “A + +” & Ranked in Top 10 for Intellectual Capital, Industry Interface and Infrastructure as well as 26th among top 75 Engineering colleges by “ Chronicle Magazine 2019 ”
2.	NPTEL local chapter: Rated “A” Grade , Ranked 1st in Pune region, 3rd in Maharashtra and 69th in India (July-Oct 2017 exam)
3.	Ranked among first 200 institutes as per the survey by NIRF of MHRD in 2017-18
4.	Business Connect appreciated “One of the Best Engineering College in India 2020”
5.	Times Engineering Institute Ranking Survey 2020 : Ranked 10 in West Zone
6.	Times Engineering Institute Ranking Survey 2020 : Ranked 30 in 100 Best College in India
7.	Times Engineering by Times of India 2020 : Ranked 7th in West Zone by Times India Ranking
8.	THE WEEK MAGAZINE RANKING 2020 - Private Engineering Colleges West Zone Survey 2020: West Zone: Rank 21
9.	THE WEEK MAGAZINE Ranking 2021 - Private Engineering Colleges West Zone Survey 2021: West Zone: Rank 16

College Infrastructure and Facilities

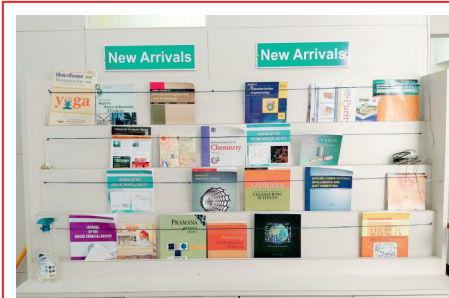
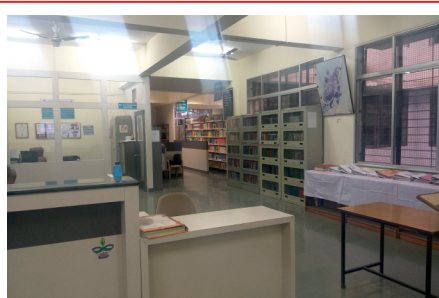
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|------------------------------------|--------------------|-------------------|
| ▪ Central Library and reading hall | ▪ Assembly Hall | ▪ Canteen |
| ▪ Broadband Internet Facility | ▪ Ladies Hostel | ▪ Automated Mess |
| ▪ Departmental Libraries | ▪ Dispensary | ▪ Recreation Hall |
| ▪ Seminar Hall | ▪ Open Air Theatre | ▪ Bank with ATM |
| ▪ Central Computing Facility | ▪ Play Ground | |
| ▪ Departmental Laboratories | ▪ Service Bus | |
| ▪ Power Backup | ▪ Covered Parking | |

Library

The Library has over 35928 print books and 15195 Ebooks. Total 91 National level print journals and 1016 international e-journals which are subscribed from various reputable database like Science Direct, IEEE, ASME, ASCE and McGrawHill.

With facilities such as remote access and mobile application, students can access these resources from the comfort of their home. Library is also equipped with computerized data access system & SLIM21 Software.

It's membership also extends to libraries of reputed organizations like VSI, ARAI, IIT, British Council etc.



Co- Curricular And Extra-Curricular Activities

Every year AISSMSCOE conducts following events in College Campus :

- **Engineering Today:** The Inter Engineering students Technical Symposium and Exposition to showcase their technical knowledge
- **Ashwamedh:** The Inter Engineering students Sports and Cultural competition to showcase their sports and cultural talent
- **Shivanjali:** The student Social Gathering and Prize Distribution Function
- **Shahu Football Trophy:** A State level Inter- Collegiate Football Tournament
- **Shivaji Cricket Trophy:** A State level Inter-Collegiate Cricket Tournament

Events organized on online Platform :

- **Sports Events:** Fit India Freedom Run, Webinars Conducted on Fitness Challenge & 21 Days Yoga Campaign etc
- **Cultural Events:** Quarantine's Got Talent, Unlock 2020, Bank Baaja Halad- Youtube Premiere, Shab -E- Ranj- Youtube Premiere
- **Social Awareness Events:** Tobacco Deaddiction, Women Literacy, Student Literacy, Human Rights Day, World Environment Day, Blood Donation Camp etc held by **NSS & Unnat Bharat Abhiyan**

Our Global Collaboration

- Indo-German Collaboration in waste water management (received grant Rs. 46 lacs)
- Research Collaboration with UTM & UKM, in Malaysia and River State University

Professional Societies Students Chapter

- Avit- O-Virtue” Drone and Robotics Students' Club
- Developer Students' Club
- Codigo Madrid Students' Club
- AISSMS Film Club

Students Participation in National & International Events

- All Terrain Vehicle – BAJA
- Go-Kart
- Hybrid Vehicle - Eff-cycle
- Formula car SUPRA
- SAE Aero-Design- Garudashwa
- Chem-e- Car
- Codigo-Madrid
- Sports
- Cultural

Professional Societies Students Chapter

The students are encouraged to participate in the professional activities, besides regular academic work, to enhance their technical as well as soft skills. The students' chapters of several professional organizations have been established in the College :

- Institution of Engineers (India) Students' Chapter (E & TC)
- Institution of Engineers (India) Students' Chapter (Mechanical)
- Institution of Engineers (India) Students' Chapter (Production)
- Institution of Engineers (India) Students' Chapter (Chemical)
- Institution of Engineers (India) Students' Chapter (Civil)
- AISSMS COE, Institution of Engineers (India) Students' Chapter (Computer)
- Institution of Engineers (India) Students' Chapter (Electrical)
- Indian Society for Technical Education (ISTE) Students' Chapter
- Institution of Electrical and Electronics Engineers (IEEE) student Chapter
- Institute of Electronics and Telecommunication Engineers IETE Students Forum (ISF)
- Indio Universal Collaboration for Engineering Education (IUCEE) Students' Chapter
- Theory of Inventive Problem Solving Techniques, (TRIZ) Students' Chapter
- Indian Society of Heating, Refrigeration and Air conditioning Engineers (ISHRAE) Students' Chapter
- Computer Society of India (CSI) Students' Chapter
- Indian Concrete Institute (ICI) Students' Chapter
- Society of Automotive Engineers (SAE) Students' Chapter
- Institutional Members and student Chapter of Solar Energy Society of India (SESI)
- Indian Water Works Association (IWWA) Student Chapter

Industry Institute Interaction

- National Symposium on Frontiers of Engineering
- Forum of Science and Technology
- Better and Structured Association for Industrial Internships
- Initiation of Incubation Centre with organicBots (USA)
- Inculcation of Culture of Interaction with Industry
- Increased number of Industry sponsored live projects for UG/PG
- Long term & organized association with wide spectrum of Industry
- Enriched Teaching –Learning process
- Formula Collaboration through signing MoU
- One Faculty One Industry concept

CITP (Centre for Information, Training and Placement)

The objective of the Centre for information, Training and Placement (CITP) is to help students identify their career goals and provide an edge into the present day competitive job market. The CITP emphasises on Practical Training and Industry Interactions to foster quality placement.

Placement

164

Number of Companies

382

Total Placements in Last academic year

12.50
Lacs

Highest package of last academic year

4.50
Lacs

Average package of last academic year

495

Total Students selected for Internship in Last academic year

Our Placement

Sr No.	Year	Total No of Placement
1.	2020 - 2021	382
2.	2019 - 2020	287
3.	2018 - 2019	321
4.	2017 - 2018	287
5.	2016 - 2017	348

Major Recruiters



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State Common Entrance Test Cell, Maharashtra State. Website: cetcell.mahacet.org.



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"We welcome you to join our AISSMS Community and enjoy the best of education"