

Vision:

To serve the society by imparting knowledge in artificial intelligence and machine learning along with professional skills to build a responsible human being.

Mission:

M1: To fulfill industrial requirement in the area of artificial intelligence and machine learning.

M2: To motivate students for continuous learning with entrepreneurial skills.

M3: To inculcate ethical values, soft skills and leadership skills in students for overall personality development.

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About Department

The Artificial Intelligence and Machine Learning Department of AISSMS's Polytechnic was established in 2021 to develop a more intelligent and collaborative approach to the future. It is part of an initiative by the AISSMS polytechnic, which aims to develop a better understanding of Artificial Intelligence and Machine Learning.

The department is equipped with four computer laboratories installed with legal software's like windows server 2016, MS office 2010 and 2016, Oracle 10g, Visual studio and C++ and having a campus agreement with Microsoft.

The department has well qualified and experienced teaching faculty members with various specializations. The Department has a strong network of experienced staff. As a result, it is well positioned to develop a more inclusive and effective system that allows its staff to manage and adapt to different types of artificial intelligence applications. The department is currently conducting a major program of diploma students with additional faculty. The department is committed to creating a new level of training, while also improving the overall quality of education.

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Our faculty and students publish their Technical papers in national and international journals. Student Projects are sponsored by Industry, some of them are developing with their own idea in mind, some are Real-Time Problem solving and some are societal. Our Department has signed MOU with various industries. We have professional membership with The Institute of Engineers (India). Department organizes co-curricular activities like workshops, Seminars, Guest Lectures and Industry Visit as per department calendar under the umbrella of IEI student Chapter. Our students actively participate in online certification courses like NPTEL, MOOC and Spoken Tutorial conducted by IITs. Training and Placement Cell helps to improve the communication skills, Professional Ethics, Aptitude and personality of our students by organizing soft skill workshops, professional Counselling and Entrepreneur Awareness Camp in collaboration with reputed organizations.



Mr. B. S. Patil

ME (Instrumentation)

HOD AN Department

We are at the beginning of industrial revolution 4.0. First industrial revolution was when we applied coal in the product process. Second industrial revolution happened when we applied gas, in the third industrial revolution, we started applying electronics and now in the 4th industrial revolution we are integrating IOT in our production process. Notice every time the industrial revolution happened to increase efficiency of the production process, also to increase the quality of products and ensure standardization. Also after every industrial revolution, the nature of jobs in industry changed.

This is happening yet again. So is Artificial Intelligence (AI) going to change everything or nothing? I am not sure of everything but I am confident it will change many things, including the nature of jobs in many fields ranging from manufacturing sector to health care to governance.

I would like to highlight some major changes that AI brought and will bring, One of those is driver assistance systems, maybe sooner we will have full self-driving cars, and if that happens then we can reduce road accidents and casualties caused by those situations caused by bad human driving behavior. Second major change is in computer vision. Now with the help of an AI we can reconstruct old images, make a 3rd environment from single images, with these advancements we can develop a good environment which will help in the training process of professionals like pilots and surgeons. Third major change is in bioinformatics. We are currently using AI in protein structure prediction, drug discovery, solving problem of polypharmacy.

With AI, we are improving the quality of life of almost every human being.

Teacher's Day Celebration (Teacher's Act)

Teacher's day is celebrated by Artificial Intelligence and Machine Learning department students on 5th September 2023 the birth anniversary of the former President Sarvepalli Radhakrishnan, a well-known Scholar, teacher and promoter of education. On this special day, students celebrated the contribution of teachers. Also students from Artificial Intelligence and Machine Learning Department shown enthusiasm and taken active participation and performed Teacher's Act.



Engineer's Day Celebration

On the occasion of Engineer's day Artificial Intelligence and Machine Learning department organized Poster Competition under AISSMS Polytechnic IEI student's chapter in Coordination with The Indian Society For Technical Education (ISTE) and The Institution of Engineers (India) (IEI) on 15th September 2023..



Poster Competition



Parents Teacher Meeting

The Artificial Intelligence and Machine Learning Department has organized 1 Parent-Teacher meeting on Friday, 6th of October 2023 for TY AN students. In PTM we discussed MSBTE W-23 conduction and student's attendance and Class Test-1 performance.



Parents Teacher Meeting

The Artificial Intelligence and Machine Learning Department has organized 1 Parent-Teacher meeting on Friday, 6th of October 2023 for SYAN students. In PTM we discussed MSBTE W-23 conduction and student's attendance and Class Test-1 performance.



Guest Lectures

Guest lecture on “Cyber Security” for third year students on date 23 Oct. 2023



Industrial Visits

Industrial Visit at “Indradhanushya Environment & Citizenship Centre” Pune On date 5th Oct., 2023



Industrial Visit at "SUMAGO Infotech Pvt.ltd" Pune On date 12th Oct., 2023



Soft Skill Training

With this motive AISSMS's Polytechnic is tie up with the Institute of Holistic Healing India, Pune and conducted various personality development programs for students as well as for faculty. These programs cover the various aspect of personality development like as: Knowing your personality, Communication skill, Time Management, Aptitude Training, Interview Technique, Resume Writing and much more for students.

For SYAN students IHHI organized this training from 04/10/2023 to 05/10/2023



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For TYAN students IHHI organized this training from 11/10/2023 to 12/10/2023



