

Vision:

To provide competent technical student with ethical values to serve community for its development and enrichment.

Mission:

M1: To develop superior technician with ethical values to serve current industry requirement.

M2: To offer interaction between academia and industry by forming collaboration with industry.

M3: To develop competent technical student with entrepreneurial skills.

M4: To encourage ethical and leadership abilities in the students to work for the growth of the society.

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About Instrumentation Engineering Department

We started our journey in the year of 1996.

Instrumentation is the development or use of measuring instruments for observation, monitoring or control.

An instrument is a device that measures a physical quantity, such as flow, temperature, level, distance, angle, or pressure. Instruments may be as simple as direct reading hand-held thermometers or as complex as multi-variable process analyzers.

Although instrumentation is often used to measure and control process variables within a laboratory or manufacturing area, it can be found in the household as well.

CAREER FORECAST:

- There is a myriad of career possibilities for instrumentation engineers. For example, they might design strain gauges or sensors that capture data about the safety, efficiency, and reliability of machines used in manufacturing.
- They also might design devices like blood glucose monitors, aircraft sensors, smoke detectors, or dynamometers that measure torque.
- They might develop electrocardiograph equipment and computed tomography scanners, or they might work on security systems. In addition, instrumentation engineers have been essential to the success of every aeronautical research project ever flown.
- Instrumentation engineers might be employed by manufacturing firms, defense contractors, biomedical companies, or government entities; or they might work for private engineering firms.
- Companies in India for instrumentation are National Instruments, ABB, Larsen & Turbo, Robert Bosch, Suzlon, Apna Technologies, Whirlybird, ESSAR.



Mr. B. S. Patil

ME (Instrumentation)

HOD Instrumentation Engineering Department

It gives me immense pleasure to lead the department of Instrumentation Engineering. An Instrumentation degree is one of the most aspired degrees today for both undergraduate and post graduate students. Instrumentation can be used widely in all the sectors of the economy and even in the education sector so it has become the most preferred career option all over the world.

For overall development of the students, Guest Lectures, Technical workshops, Soft Skill trainings and summer internships are arranged. Electronics & Instrumentation Student's Association (ELISA) helps the student to arrange various programs in the Department. It leads to develop the leadership in the student. Industrial Visits are arranged in every semester to expose the students to real world applications. The department has experienced and dedicated faculty members with strong commitment to the engineering education and professional ethics.

The Instrumentation Engineering Department newsletter is a platform for sharing educational information, activities and events related. I hope that the newsletter will provide useful and relevant information. It is the intent of the department to make it semiannual publication to keep in touch with the departmental activities and achievements.

Yoga Day Celebration

On the occasion of International Yoga Day, All staff members of E&TC Department actively participated in Yoga Day Celebration Program. All staff members not only done exercise but also discovered the sense of oneness with themselves, the world and the nature. All staff members demonstrated various Asanas followed by Omkar Chanting.

This activity was conducted on 22/06/2019



First Year Orientation Program

Prior to the beginning of classes, students are given an overview of the complete realm of technical diploma life, from academics to social activities, through a period of days referred to as orientation.

One Week Induction Program was arranged by AISSMS's Polytechnic for all First Year Diploma students from 19/08/2019 to 24/08/2019

Among all these days, one day is departmental orientation day.

IS Department HOD Mr. B. S. Patil addressed the students and highlighted about the various opportunities in instrumentation field.

Mrs. M. T. Dangat, Lecturer in E&TC department introduced the students about various MSBTE online & offline activities such as Academic Calendar, curriculum, internal & external theory, practical exam, question paper and model answer paper etc. Also she highlighted Micro project concept which is newly introduced in I-scheme curriculum.

Also all first year IS students visited Departmental laboratories.



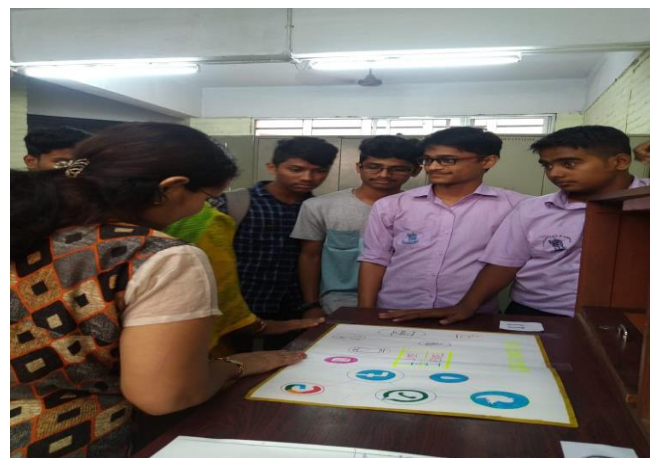
Teacher's Day Celebration (Teacher's Act)

Teacher's day is celebrated by Instrumentation Engineering department students On 5th September 2019, 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 IS Department performed Teacher's Act.



Poster Presentation, Best out of waste & Power Point Presentation Competition

Under Institute of Engineers India (IEI) Students Chapter Activities SY & TY students of IS Department participated in different competitions such as Poster Presentation, Best Out of Waste and Power Point Presentation Competition. This competition was organized by IS Department and was conducted on 20/09/2019 Mrs.V.C.Sanap & Mrs.H.A.Shinde Lecturer from Computer Engineering Department were the judges for this competition who has examined interpretation & clarity of the theme.



Industrial Visits



Industrial visit at EDM Electronics
Manjari, Pune. On date 28th December 2019



Industrial visit at “NITS GLOBAL” J.M. Road, Pune.
On date 28th December 2019



Industrial visit at “Indradhanushya”, Near Tendulkar park,
Pune. On date 17th September 2019

Guest Lectures

Guest Lecture On “Career Guidance on SAP” for Third Year Students Date:15.07.2019



Two days “Aptitude Training” for Third Year Students Date:22.07.2019,23.07.2019



Two days SOFT SKILLS Session On “LIFE SKILLS” for Second Year Date:26.07.2019,27.07.2019



Guest Lecture On “Industrial Robotics” for Third Year Students by Mr. Yuvraj Pardeshi Date:11.02.2020



**Guest Lecture On “Industrial Automation 4.0”
by Mrs. Bhagyashree Rahul Shelke Date:13.02.2020**



**Guest Lecture On “Industrial Automation 4.0”
by Mr. Mahesh Haridas Chitale Date:30.08.2019**



Parent Teachers Meeting

During the academic year, Instrumentation Engineering department invite parents to come in for regular parent-teacher meetings. In odd semester we held meeting on 3rd August 2019. In Even semester we held meeting on 11th January 2020.



Chess and Carrom Competition

Every year, for students overall development extracurricular activities were arranged by AISSMS's Polytechnic. On 14th February 2020, Instrumentation Engineering Department conducted Chess & Carrom Competitions.

Mrs. J.R.Khandare & Mrs. R.V. Nilajagi, Lecturer from E & TC Department hosted the Chess competition.

Mr. D.C.Pardeshi & Mr. Kale S.H., Lecturer from IS Department hosted the Carrom Competition.



Cultural Activities:

Getting involved in activities beside the academic can help the students to meet new people with whom they share interests and improve their social skills. Extracurricular activities also help students to expand their network, which is beneficial for finding career opportunities after graduation.

Every year, for students overall development extracurricular activities were arranged by AISSMS's Polytechnic.

On 14th February 2020, E&TC Engineering Department organized Funfair & Music Corner.

Mrs. M.T.Dangat, Mrs.M.R.Talware, Ms. C.M.Maind & Ms. D.J. Yerolkar, Lecturer from E &TC and IS Department organized these events.

1. Funfair



2. Music Corner



Shivjayanti

Shivaji Jayanti is the birth anniversary of great Maratha ruler Chhatrapati Shivaji Maharaj. Shivaji Jayanti is celebrated every year on February 19 with much pomp in the entire College. This year on 19th Feb. 2020 Honorary Secretary, AISSM society, Shri. Malojiraje Chhatrapati graced the occasion by his presence and inspirational talk. Mr. Kale S. H. Lecturer, Instrumentation Engineering Department is one of the organizing committee members for this event.



State Level Technical Paper Presentation Competition: Technovision 2020

A paper presentation plays a key role in student's life for professional development. One can always create an impact in corporate by giving an effective presentation. So IS department organized this competition for students on date 25/02/2019.



Convocation Ceremony

A convocation ceremony is very important in every student's heart. It is that day in the academic life of the students when all the hard work, dedication, commitment, and enthusiasm pay off. On 27th February 2020 we arranged Convocation ceremony for 2018-19 pass out batch.



Soft Skill Trainings

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 SYEJ students IHHI organized this training from 17/02/2020 to 18/02/2020 & for TYEJ students it was from 26/02/2020 to 27/02/2020



Vishakha Cell (ICC/Women Grievance Cell)

On 3rd January 2020 the birth anniversary of Savitribai Phule ,the social reformer, educationist, poet and first teacher of India, The Vishakha Cell (ICC) In Charge Mrs. V. S. Gaikwad HOD E&TC Department and the ICC cell members Mrs. M. R. Talware, Mrs.V.C.Sanap, Mrs. A.P.Kantak conducted the meeting of all girls and ladies staff of AISSMS's Polytechnic. In this Meeting girls were appealed to share their problems. Also facilities given by our institute were discussed. Ms. D. J. Yerolkar Lecturer EJ/IS department shared the details of 112 India App to all girls.



“Self Defense Training” is conducted Twice in a week in our institute. Ms.Reshma Owhal, Lecturer CO Department is the appointed staff to carry out this activity. Ms. Demapure Riya Ravindra , FYCO student is the experienced trainer who trains the participants.



Students Achievements

- Students of TYEJ/IS department Mr.Omkar Mahadev Shelar &Ms.Kadambari Ramakant Shendkar won 1st Prize in state level technical paper presentation competition conducted by PDEA's Institute of Technology, Manjari, Hadapsar, Pune, on date 11th Feb 2020



- Students of SYEJ/IS department Mr.Varad Adish Salunkhe & Mr. Tushar Rajendra Sutar won Runner Up Prize in state level Circuit Design competition,ElectroFrenzy 2K20, conducted by Dr.D.Y.PatilPratisthan's, Y.B.Patil Polytechnic, Akurdi, Pune,on date 18th Feb2020.



- Students of SYEJ/IS department Mr.Ali Aslam Sohrab & Ms.Uma Sadanad Joshi won Runner up Prize in state level technical paper presentation competition,Technovision 2020, conducted by AISSMS's Polytechnic,Pune,on date 25th Feb2020.

