



INSTITUTE OF INFORMATION TECHNOLOGY

HALF YEARLY REPORT 2024-25 (Sem I)

(Duration – 01/07/2024 to 30/11/2024)

1) Preamble

2) Infrastructure Development:

•Up gradation of Laboratories: Computer Lab

Sr. No.	Name of the Department	Amount (Rs.)
1)	Instrumentation Dept.	3282/-

3) Academic Excellence Achieved:

• B.E. Examination results: (2023-24)

Sr. No.	Name of the Department	Result
1.	Department Of Instrumentation Eng.	Nil

•University Rankers 2023-24:

Sr. No.	Branch	Class	Name of the student	Exam No.	% of marks	Rank in university
	Nil	Nil	Nil	Nil	Nil	Nil

•Campus Placement:

•List of companies visited campus:

Sr.No	Name Of the Company	Engineering Branch/Stream	No. of Eligible students
1	Schneider Electricals	Instrumentation Engineering	15
2	Johnson Control	Instrumentation Engineering	12
3	Cognizant	Instrumentation Engineering	14
4	JCI	Instrumentation Engineering	10
5	Zensor	Instrumentation Engineering	15
6	Centrio	Instrumentation Engineering	12
7	Bentley Systems	Instrumentation Engineering	12
8	Reliance Industries	Instrumentation Engineering	10
9	L&T Technologies	Instrumentation Engineering	11
10	Honeywell	Instrumentation Engineering	15
11	Emerson	Instrumentation Engineering	10
12	Cybernetics	Instrumentation Engineering	20
13	IBM	Instrumentation Engineering	20
14	Kirloskar	Instrumentation Engineering	10

•Students placed for academic year 2024-25:Sem-1

Sr.No	Name Of the Students	Department	Name Of Company	No. of Eligible students
1	Vedant Rathod	Instrumentation Engineering	Schneider Electricals	15
2	Shruti Patil	Instrumentation Engineering	Schneider Electricals	15
3	Sukhada Jadhav	Instrumentation Engineering	Emerson	10
4	Shruti Dholepatil	Instrumentation Engineering	Emerson	10
5	Sidhant Thorat	Instrumentation Engineering	Emerson	10
6	Divya Walke	Instrumentation Engineering	Honeywell	15

•Activities Conducted:- (Entrepreneurship activities, Soft Skills , visits etc)

Sr.No.	Name Of the Company	Training Activities
	Nil	Nil

•Entrepreneurship Activities

Sr.No	Name Of the Company	Entrepreneurship Activities
1	Rajiv Gandhi National Institute of Intellectual Property Management,Nagpur	Workshop on” Intellectual Property Rights & Patents and Design filing “ by Mr.Kumar Raju, Assistant Controller of Patents and Designs, RGNIIPM, Nagpur Date: 21/8/2024

•Industrial Training

Sr. No.	Name Of the Company	Name Of the Students	Department
Nill	Nill	Nill	Nill

•Industry Associated BE Projects

Sr.No	Name Of the Company	Department	Student Name
1	Mark electronics & electrical co.	Instrumentation	Abhijeet Deokar
2	Algorithmic Electronics	Instrumentation	Madhuri Magar Riya Pathan
3	Tronix 365	Instrumentation	Sayali Patil Abhimanyu Pawar
4	Algorithmic Electronics	Instrumentation	Siddhant Throat ShrutiDholepatil
5	Algorithmic Electronics	Instrumentation	DivyaWalke Hardik Kataria
6	Algorithmic Electronics	Instrumentation	Chirag Agarwal VedantRathod
7	Nilanjan Technology	Instrumentation	Prathamesh Bhalerao Pranav Jadhav

8	Nilanjan Technology	Instrumentation	Bhusan Chaudhari Soham Pawar
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- **Training and Placement Activities at department level**

SR NO.	BRANCH	ACTIVITY	DATE
1.	Nil	Nil	Nil

4. Staff Contribution towards quality improvement:

a) Grants received for Seminar/Conferences:

Sr. No	Year of Event	Name of Department	Grant	Sponsored by	Topic	Grant Sanction date
Nil	Nil	Nil	Nil	Nil	Nil	Nil

b) Research Grants received:

Sr. No.	Branch	Name of the Investigator (s)	Title of the Research Project/Scheme	Name of the funding Agency	Duration of the project/scheme	Amount Sanctioned (Rs.)	Major/Minor	Grant Sanction date
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	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
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c) Memorandum of Understanding:

Sr. No.	Department	Industry	Resource persons	Area of Interaction	Activities conducted
1	Instrumentation	Fire Fight Safety Solutions, Pune	Mr. Gaurav Vaidya	Building Automation	Visit to Fire Fight Safety Solution
2	Instrumentation	ProAzure Software Solutions Ltd	Mr. Mahesh Bhogade	Robotic Process Automation	Visit to ProAzure Software Solutions
3	Instrumentation	Success Engineers Pune	Mr. Rajeev Chhetry	Panel Design & manufacturing	Visit to Success Engineers

•Journal Publication:

Paper publication in /National/International Seminars/Conferences:

Note:-Please write down complete journal name

Branch	Name of the Teacher/author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication	ISBN/ISSN No.	Impact Factor	URL	Citation	h-index
Instrumentation	Dr. B.N. Mohapatra	Colour based identification and sorting of industrial items using	Journal of Engineering and Technology for Industrial Applications	Vol-10 Issue 47 Pages	2024	ISSN 2447-0228	NIL	http://itegm-jetia.org/journal/ind	NIL	NIL

		Labview		63-67				ex.p hp/j etia		
Instru mentat ion	Dr. V. V. Kale Dr. B.N. Mohapatra	Crop recomme ndation system using Machine Learning	Journal of Engineeri ng and Technolo gy for Industrial Applicatio ns	Vol- 10 Issue 48 Pages 63-68	2024	ISSN 2447- 0228	NIL	http s://i tega m- jetia .org /jou rnal /ind ex.p hp/j etia	NIL	NIL

• **Conference Paper Publication**

Paper publication in /National/International Seminars/Conferences:

Branch	Name of the Teacher/aut hor	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Year of Publication
Nill	Nill	Nill	Nill	Nill

• **Book Publication**

Branc h	Name of the Teacher/aut hor	Title of the Book	Name of the Journal/ Proceeding/ Edited Books	Volum e & pages	Year of Publication	ISBN/ISSN No.
Nill	Nill	Nill	Nill	Nill	Nill	Nill

• **Resource persons:**

Sr. No	Staff Name	Date & Place	Details

• Seminar/Workshops/Conference organized

Sr. No	Department	Topic	Conducted by	Date	Funded by

• List of Faculty Members who attended Course / Seminars / Workshops/STTP etc.

Sr. No.	Branch	Name of Staff	Event	Organized by	Date and Event
1.	Instrumentation	Mrs.S.V.Kulkarni	Workshop: Topic:Patent Filing And Prior Art Search Mechanisms : A Practical Approach	Scheme For Transformational And Advanced Research In Sciences,Ministry Of Education,Indian Institute Of Science,Bangalore	21/9/2024

2.	Instrumentation	Mrs.S.V.Kulkarni	Ip Awareness Training Program:Topic: Intellectual Property Rights	RGNIIPM, Nagpur	21/8/2024
3	Instrumentation	Mrs.S.V.Kulkarni	FDP/STTP: Advanced Pedagogy	National Institute Of Technical Teachers Training And Research, Kolkata	5/8/2024 To 16/8/2024
4	Instrumentation	Mrs.S.V.Kulkarni	FDP/STTP:Research And Publication Ethics	National Institute Of Technical Teachers Training And Research, Kolkata	23/9/2024 To 27/9/2024

● **Non-Teaching staff who attended Course / Seminars / Workshops/STTP etc.**

Sr. No.	Name of Staff	Event	Organized by	Date and Event
	Nil	Nil	Nil	Nil

● **Teaching Staff Achievement & Awards –**

Sr. No.	Department	Name of Staff	Achievement & Awards	Level College/university/state/national/international
1	Nil	Nil	Nil	Nil

● **Non-Teaching Staff Achievement & Awards:**

Sr. no.	Department	Name of Staff	Achievement & Awards

	NIL
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•Seminar/Events conducted under quality Circle

Sr. No.	Date	Event	Resource Person

5. Students Achievements –

i) Students Academic Activities

Sr. No.	Names of the Students	Event in which Participated	State/National/International Level	Prizes/Medals Won

ii) Students Cultural Activities

Sr. No.	Names of the Students	Event in which Participated	State/National/International Level	Prizes /Medals Won
Instrum entation	Nill	Nill	Nill	Nill

iii) Students Sports Activities

Branch	Names of the Students	Event in which Participated	State/National/International Level	Prizes /Medals Won
Instrume ntation	Nill	Nill	Nill	Nill

iv) Students' Journal Publication:

Paper publication in /National/International Seminars/Conferences

Note:-Please write down complete journal name

Branch-										
Sr. No .	Name of the Student	Title of the Paper	Name of the Journal	Vol .	Pg. No.	Year	ISSN No.	Impact Factor	URL	UGC Approved (Yes /No)
1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

6. Industry institute Interaction:

•Industrial Visits -Students

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
SEM I					
1	30/08/2024	SY	ProAzure Software Solutions Ltd	20	Dr.A.A.Shinde Mr.P.U.Palkar
2	15/7/2024	SY	Pune Techtrol Pvt Ltd, Pune	39	Organized by Mrs.S.V.Kulkarni Attended by Dr.V.V.Kale Mrs.G.S.Khadtaare
3	24/7/2024	BE	B&R Industrial Automation pvt. Ltd., pune (A member of the ABB Group)	20	Organized by Ms.S.R.Garthe Attended by Mrs.S.V.Kulkarni

4	30/07/2024	SY	Vigyan Ashram Malwadi, Pabal, Pune	20	Organized by Dr.B.N.Mohapatra Attended by Dr. V. V. Kale Mrs.S.V.Kulkarni
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Faculty Members

Note: Please write down class & students' count.

Sr. NO	Date of visit	Class	Company	No. of staff visited	Organized By
For Staff					
1	30/08/2024	SY	ProAzure Software Solutions Ltd	03	Dr.A.A.Shinde Mr.P.U.Palkar

7. Professional Society Activities :

(Expert Lectures, Competitions, aptitude tests etc)

Branch name :------(ISTE/CSI/IETE/IEEE etc. activities)

Sr. No.	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	06/08/2024	Coffee and conversation with Alumni	College journey and guide to current students	Ms. Manisha Bhoje
2	21/08/2024	Coffee and conversation with Alumni	Current trends, challenges and advancement in	Mr. Rajwardhan Salunke

			industrial automation and robotics	
3	24/7/2024	Industrial Visit	Wireless sensor networ	B & R Industrial Automation Pune

Expert Lectures:-

Note: Please write down class & students' count.

Sr. No.	Department	Date	Activity Details Topic with class & students' count	Speaker/ Judge	Organizer/ Staff Co ordinator / Student Coordinator
1	Instrumentation	19/07/2024	Topic : Intellectual Property Right and Patent , Class : TY B.Tech , Student Count : 57	Advocate Pallavi Rahul Kadam	Mr.Palkar.P.U
2	Instrumentation	31/07/2024	Topic:Introducti on and Applications of Industrial Sensors Class: SY Students:26	Mr. Vishwas Kale. Vijayesh Instruments Pvt.Ltd, Pune	Mrs.S.V.Kulkarni
3	Instrumentation	14/10/2024	Topic: Embedded C coder in MATLAB	Ms. Divyani Rathod Senior	Mr.S.S.Jagtap

				Embedded Developer	
4	Instrumentation	18/10/2024	Topic: Cardio Vacular measurements	Ms. Divyani Rathod Senior Embedded Developer	Mr.S.R. Kale

8. Student Association Activities-

Sr. No.	Date	Activity Details Topic with class & students' count	Organizer/ Staff Co coordinator / Student Coordinator

9. Department Activities:-

Activity conducted by faculty members for faculty during activity period

DEPARTMENT	Name of the Staff	Date	Details of activities performed
Instrumentation	Mr. Palkar.P.U -Staff Coordinator	13/09/2024	The Zonal Level PLC (Programmable Logic Controller) Programming Competition.

10. NSS Events:

- No. of students Enrolled : 52
- No. of NSS camps held-01
- Names of students participated -52
- Special work done by NSS students- Environmental Conservation River Cleaning Drive
- Any Other Information

11. SWO:

12. IPC report:**13. IIEDC report:****14. List of Eminent Personalities who visited institute**

Sr. No	Date of Visit	Name of Personality	Profile of Personality	Event	Organized By

15. Media Coverage:**16. Event Photograph**

- Sports
- Achievement
- NSS
- Industrial Visits

S.Y. Instrumentation Engineering Induction Program 2024-25

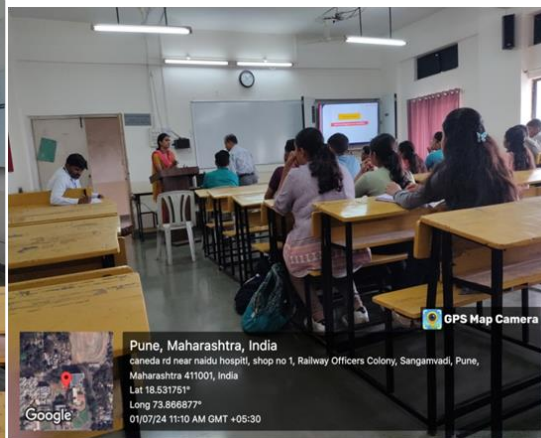
Department of Instrumentation Engineering have organized S.Y B. Tech Instrumentation Engineering 2024-25 Induction Program on 1/7/2024. Dr. A. A. Shinde, Head of Department briefed about the department, achievements. All Instrumentation Engineering department faculty members introduced themselves by briefing the area of expertise and their respective portfolio. Mrs. S. V. Kulkarni, Autonomy coordinator briefed the NEP policy, structure of S.Y. with MOOC courses, Audit courses, Minor courses, Experiential Learning courses with their credit system. Mrs. S. V. Kulkarni, Exam coordinator- briefed the Examination scheme and rules of Passing. Mr. H. P. Chaudhari interacted with students and briefed the importance of attending regular lecture and practical. Mr. P. U. Palkar briefed the Robotics Club information and Mrs. S. V. Kulkarni briefed the , TechnoHealth Club and Department Association information. Behalf of Mrs. C. D. Rananaware ,Training and Placement, Internship coordinator, Mrs. S. V. Kulkarni briefed the Major Recruiters list of company for Instrumentation Engineering, Rule and Regulation for internship and placement and also the academic requirement of Major recruiters of IOIT students. Dr.V.V.Kale briefed the study circle and higher education activities. Dr.B.N.Mohapatra briefed the rules and relations for attendance and promotional policies for students. All the faculty members interacted with students and all students and faculty members participated in open discussion session about students doubt solving and feed on induction program. Total 15 number of students attended the program .



T.Y. Instrumentation Engineering Induction Program 2024-25



Department of Instrumentation Engineering have organized T.Y B. Tech Instrumentation Engineering 2024-25 Induction Program on 1/7/2024. Dr. A. A. Shinde, Head of Department briefed about the department, achievements. All Instrumentation Engineering department faculty members introduced themselves by briefing the area of expertise and their respective portfolio. Mrs. S. V. Kulkarni, Autonomy coordinator briefed the NEP policy, structure of T.Y. with MOOC courses, Audit courses, Minor courses, Experiential Learning courses with their credit system. Mrs. S. V. Kulkarni, Exam coordinator- briefed the Examination scheme and rules of Passing. Mr. H. P. Chaudhari interacted with students and briefed the importance of attending regular lecture and practical's. Mr. P. U. Palkar briefed the Robotics Club information and Mrs. S. V. Kulkarni briefed the , TechnoHealth Club and Department Association information. Behalf of Mrs. C. D. Rananaware ,Training and Placement & Internship coordinator, is briefed by Mrs. S .V . Kulkarni, Dr. V. V. Kale briefed the study circle activities and higher education activities. Ms.S.R.Garthe briefed the rules and relations for attendance and promotional policies for students. All the faculty members interacted with students and all students and faculty members participated in open discussion session about students doubt solving and feed on induction program.. Total 15 number of students attended the program.



Industrial Visit -I

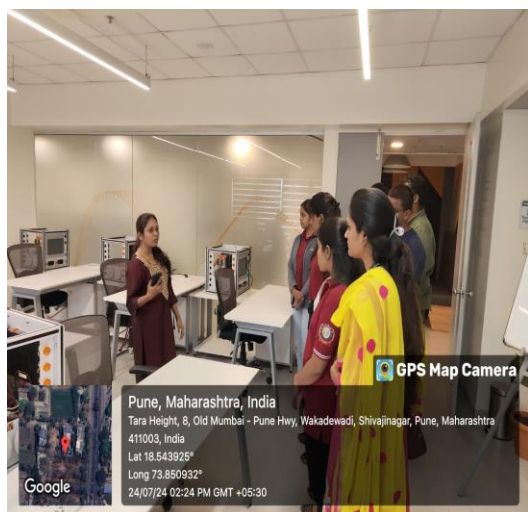
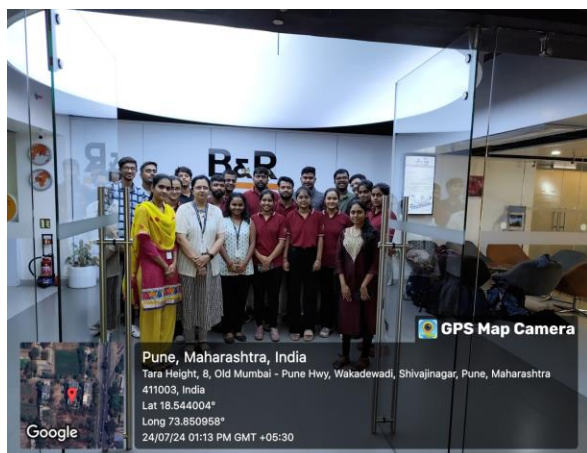
AISSMS Institute of Information Technology, Pune -Department of Instrumentation Engineering organized Industrial Visit at Pune Techtrol Pvt Ltd. Pune on dated 15/7/2024 for S.Y. B.Tech Instrumentation Engineering students. During visit to Pune Techtrol Pvt. Ltd, students gained insights into the Temperature sensors, ultrasonic transducers, level gauge for liquids, laser transmitters level transmitters for liquids, calibration process, raw material purchase and testing system etc. Visit organized by Mrs. S. V. Kulkarni(Course Teacher-Sensors and Transducer)along with Dr. V. V. Kale (Course Teacher-Analog & Digital Techniques)and Mrs. G. M. Khadtare(Lab Assistant -Sensors & Transducer laboratory)under the guidance of Dr. A. A. Shinde(Head of Department-Department of Instrumentation Engineering) & Dr. P. B. Mane (Principal-AISSMS IOIT, Pune).





Industrial Visit -II

AISSMS Institute of Information Technology, Pune- Department of Instrumentation Engineering, organized Industrial Visit at B & R Industrial Automation Pvt Ltd Pune (A Member of the ABB Group), on dated 24/07/2024. During the visit Ms. Soumya Kudgunti (Automation Engineer – Business Development Industry & Education Network) guided to B.E. Instrumentation Engineering students and Ms. S.R. Garthe and Mrs. S. V. Kulkarni attended the visit.



Industry Talk

AISSMS Institute of Information Technology, Pune -Department of Instrumentation Engineering organized an Industry Talk in association with ISA student section by Mr. Vishwas Kale, Managing Director, Vijayesh Instruments Pvt Ltd, Pune on the topic “Introduction and Application of Industrial Sensors” for SY Instrumentation Engineering students on dated 31/07/2024. To provide insights into temperature, displacement, photo voltaic cells etc., and their industrial applications. Mrs. S. V. Kulkarni, Course Faculty-Sensors & Transducers coordinated this industry talk.



Parent Teacher Meet

AISSMS IOIT,Pune Department of Instrumentation Engineering organized Parent Teacher Meet on 22/08/ 2024



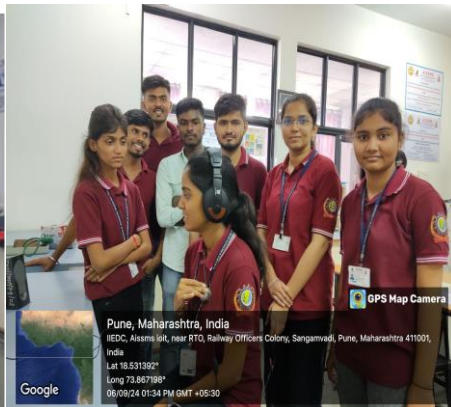
MOU



AISSMS Institute of Information Technology, Department of Instrumentation Engineering, MOU with Fire Fight Solutions, Pune. On date 23/09/2024.

Club Activity

AISSMS IOIT, Pune Department of Instrumentation Engineering, TechnoHealth Club in association with IEEE AISSMS IOIT Student Branch Organized Tech Health Instruments Exhibition and Biomedical device demonstration of Pulse oxymeter and Electronic Stethoscope /Phonocardiogram. This session was attended by FY B. Tech students during the Induction Program on dated 06/09/2024. The activity was coordinated by faculty coordinator Mrs. S. V. Kulkarni(TechnoHealth Club, Faculty in-charge) and Mr .M. S. Chikankar(Lab Assistant) and students from TY B.Tech Instrumentation Engineering.





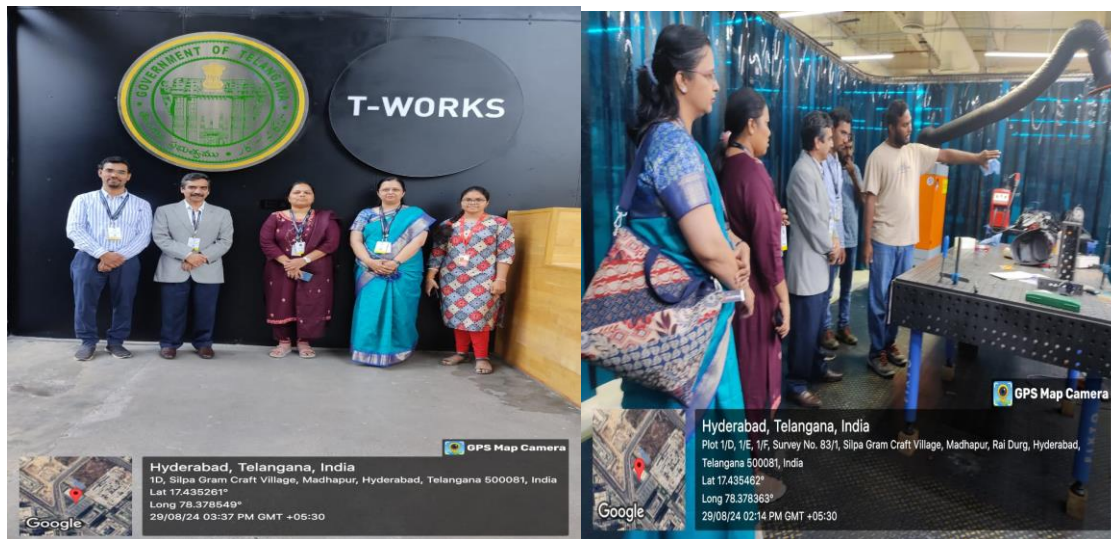
i-connect activity



Mrs.C.D.Rananaware and Mrs. S.V. Kulkarni visited KIMAYA Automation Pvt Ltd under i-connect activity. AISSMS Institute of Information Technology, Pune, Innovations, Incubation – Entrepreneurship Development Cell , In association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) Government of India, Nagpur(Under National Intellectual Property Awareness Mission)Online Workshop on “Intellectual Property Rights (IPR) & Patents and Design filing by Mr. Kumar Raju, Assistant Controller of Patents & Designs, RGNIIPM Nagpur. The workshop was organized by Mrs. S. V. Kulkarni & Mr. P. U. Palkar, Mr. D. A. Itole along with Dr. S. A. Panwar, Mrs. S. A. Bagal, Mr. S. D. Kale for Instrumentation E & TC, and AIDS students.



AISSMS Institute of Information Technology, Innovations Incubation- Entrepreneurship Development Cell –Dr. P. B. Mane(Principal), Mr. D. A. Itole (IIEDC Coordinator), Mrs. P. S. Gaikwad (IIEC Member), Mrs. S. V. Kulkarni (IIEDC Member), on dated 30/08/2024, visited to Indian School of Business, Gachibowli, Hyderabad, Telangana 500111. The objective of visit to know the startup policies and grant, seed money, fund & to promote innovation driven activities at the institute.

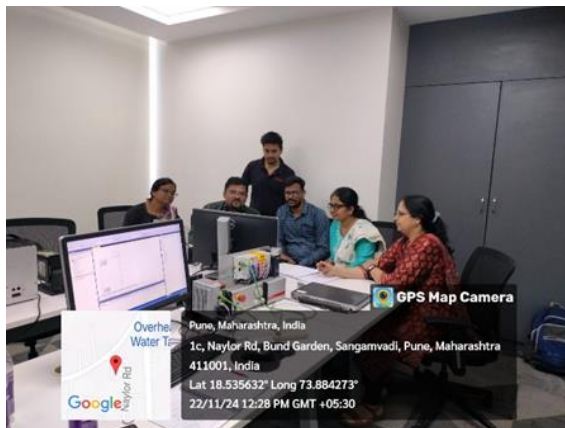
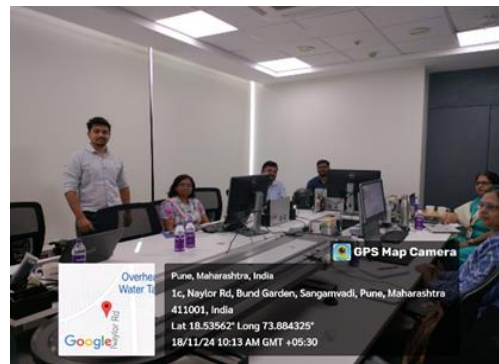
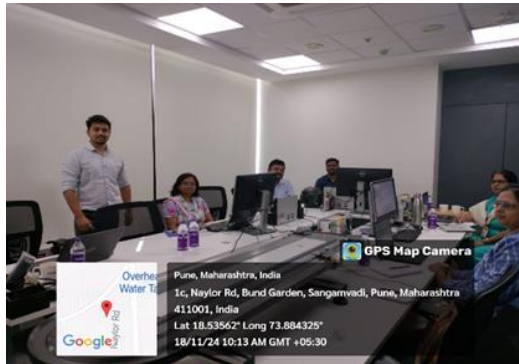


AISSMS Institute of Information Technology, Innovations Incubation- Entrepreneurship Development Cell –Dr. P. B. Mane (Principal), Mr. D. A. Itole (IIEDC Coordinator), Mrs. P. S. Gaikwad (IIEC Member), Mrs. S. V. Kulkarni (IIEDC Member), on dated 30th August,2024, visited to Indian School of Business, Gachibowli, Hyderabad, Telangana 500111. The objective of visit to know the startup policies and grant, seed money, fund & to promote innovation driven activities at the institute.



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Industrial Training



Dr.A.A.Shinde, Dr.V.V.Kale. Mrs.S.V.Kulkarni, Mr.P.U.Palkar, Mr.S.R.Kale attended 18/11/2024 to 22/11/2024, five days of Industrial Training at Beckhoff Automation, Pune.

Expert lecture



Expert lecture organized by Mr. S. R. Kale on date 18/10/2024 against subject Bio Medical Instrumentation