



Department of Instrumentation Engineering

HALF YEARLY REPORT 2021-22 (Sem I)

(Duration – 01/06/2021 to 30/11/2021)

1) Preamble

2) Infrastructure Development:

- Up-gradation of Laboratories:**

Sr. No.	Name of the Department	Amount (Rs.)
1	Instrumentation	13,07,617.00/-

3) Academic Excellence Achieved:

- B.E. Examination results: (2020-21)**

Sr. No.	Name of the Department	Result
1	Instrumentation	100 %

- Campus Placement:**

- List of companies visited campus:**

Sr.No	Name Of the Company	Engineering Branch/Stream	No. of Eligible students
1	JUSPAY	Instrumentation	58

2	TCS	Instrumentation	58
3	Q BATCH	Instrumentation	58
4	Wipro	Instrumentation	58
5	Capgemini	Instrumentation	58
6	L&T INFOTECH	Instrumentation	58
7	LTI's	Instrumentation	58
8	AMERICAN EXPRESS	Instrumentation	58
9	BLAZECLEAN TECHNOLOGY	Instrumentation	58
10	HEXAWARE	Instrumentation	58
11	INDICUS	Instrumentation	58
12	CORIOLIS TECHNOLOGIES	Instrumentation	58
13	JIO PLATFORMS LTD	Instrumentation	58
14	HITACHI SOLUTIONS	Instrumentation	58
15	Capgemini	Instrumentation	58
16	ZENSAR	Instrumentation	58
17	WINJIT TEVHNOLOGIES	Instrumentation	58
18	BIRLASOFT	Instrumentation	58

19	SANKEY BUSINESS SOLUTIONS	Instrumentation	58
20	TVS CREDIT EPIC	Instrumentation	58
21	CREDIT SUISSE	Instrumentation	58
22	CSG INTERNATIONAL	Instrumentation	58
23	ATOS SYNTEL	Instrumentation	58
24	MORGAN STANLEY	Instrumentation	58
25	MISCROSOFT	Instrumentation	58
26	ONE PLUS	Instrumentation	58
27	GEEKS FOR GEEK	Instrumentation	58
28	INSHORTS	Instrumentation	58
29	GOLDMANSACH	Instrumentation	58
30	Cognizant	Instrumentation	58
31	Kohler India	Instrumentation	58
32	Squareyard	Instrumentation	58
33	Mphasis	Instrumentation	58
34	Acty Systems	Instrumentation	58
35	Invesco India	Instrumentation	58

36	Capgemini	Instrumentation	58
37	Tata Elxsi Ltd	Instrumentation	58
38	Wiley-mthree	Instrumentation	58
39	Tech mahindra	Instrumentation	58
40	ZENSAR	Instrumentation	58
41	WINJIT TEVHNOLOGIES	Instrumentation	58
42	TCS	Instrumentation	58
43	BLAZECLEAN TECHNOLOGY	Instrumentation	58
44	JIO PLATFORMS LTD	Instrumentation	58
45	Hexaware Technology	Instrumentation	58
46	Tibco	Instrumentation	58
47	Bristlecone	Instrumentation	58
48	Vodafone	Instrumentation	58
49	L&T Infotech	Instrumentation	58
50	Magic software	Instrumentation	58
51	Vertusa	Instrumentation	58
52	Inexture	Instrumentation	58

53	BIRLASOFT	Instrumentation	58
54	Quality Kiosk Technologies	Instrumentation	58
55	COROLIS TECHNOLOGIES	Instrumentation	58
56	NTT Data	Instrumentation	58

• **Students placed for the academic year 2021-22:**

Sr.No	Name Of the Students	Department	Name Of Company	No. of Eligible students
1	Aditya Sham Nilajkar	Instrumentation	Hexaware Technologies Pvt. Ltd.	58
2	Niharika Sherkar	Instrumentation	TCS	58
3	Devdatta pimpalkar	Instrumentation	Wipro	58
4	Shubham Deshmukh	Instrumentation	Wipro	58
5	Abhishek Kadam	Instrumentation	Genius Polymer Industries	58
6	Gauri Deshmukh	Instrumentation	Envision Automation	58
7	Mugdha Manerikar	Instrumentation	Beauto Systems	58
8	Ojas Nikumbh	Instrumentation	Swaraj News	58
9	Prajwal Zurunge	Instrumentation	Insights Success M. T. Pvt. Ltd	58

10	Rutvij Mahamuni	Instrumentation	Vanguard Engineers	58
11	Sarvesh Patil	Instrumentation	Scope International	58
12	Shrikant Irmalwar	Instrumentation	Data Axle Solutions Pvt. Ltd.	58
13	Vishal Thengal	Instrumentation	FERRERO IND PVT LTD	58

• **Entrepreneurship Activities**

Sr.No	Name Of the Company	Entrepreneurship Activities
1	Mr.Vijay Murge Plug-In , Pune	Workshop of “Entrepreneurs Skill ” on 1/9/2021 to 3/9/2021
2	Mr.Abhishek Kadam K-Star Plastic Industries, Pune	
3	Mr.Chintan Mehta IIDE,Mumbai	

• **Industrial Training**

Sr. No.	Name Of the Company	Name Of the Students	Department
1	RISHABH Instruments Pvt Ltd	Ayush Lokhande	Instrumentation
2	JNPT	Onkar Jalindar Gaikwad	Instrumentation

3	CYBERNETIK Technology	Roger Samuel Lokku	Instrumentation
4	Intershala	Sanya Bansal	Instrumentation
5	Seiton Technologies Pvt Ltd	Kedar Vilas Bhame	Instrumentation
6	Seiton Technologies Pvt Ltd	Pranav Shirapuri	Instrumentation
7	L &T Electrical & Automation	Amey Deshpande	Instrumentation
8	istop-RAISE DIGITAL(Online- Internship)	Aditi Wathe	Instrumentation
9	istop-RAISE DIGITAL(Online- Internship)	Abhay Salunke	Instrumentation
10	istop-BTV(Online- Internship)	Jijnyasa Joshi	Instrumentation

• **Industry Associated BE Projects**

Sr.No	Name Of the Company	Department	Student Name
1	B &R Industrial Automation Pvt Ltd Pune	Instrumentation	Yukta Soman Sujit Jadhav Satyajit Gaikwad

2	PMS Robotics Research Centre, Pune	Instrumentation	Ismaeel Hiroli Rajwardhan Salunke Sourabh Aanbhule
3	B&R Automation	Instrumentation	Virendra Das Aniket Barhate Ritika Chippa
4	VST Infotech	Instrumentation	Ashutosh Yashwant Kulkarni Onkar Jalindar Gaikwad Priyank Pramod Virkar
5	Future Automation pvt.ltd	Instrumentation	Sanskriti Padaval Aditya Yeole Netraj Zope
6	Seiton technology pvt.ltd	Instrumentation	Pranav Shirapuri Kedar Bhame
7	Optimum Electronic Instruments	Instrumentation	Aditya Nilajkar Saanya Bansal Akanksha Dhore
8	lvlAlpha	Instrumentation	Isha Kulkarni

4. Staff Contribution towards quality improvement:

Memorandum of Understanding:

Sr. No.	Department	Industry	Resource persons	Area of Interaction	Activities conducted
1	Instrumentation	AMT Skill Enhancement	Mrs. Nital Sarap, Senior	Industrial Automation	One day workshop .

		Institute LLP Pune Branch	Industrial Automation Trainer		
2	Instrumentation	Beckhoff Automation	Mr. Ajay Pathak, Manager, Mrs. Shweta Dhabale Senior Engineer- Product training	Automation	Webinar on PC based automation technology of Beckhoff automation.

• **Journal Publication:**

Paper publication in /National/International Seminars/Conferences:

Note:-Please write down the 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. Badri Narayan Mohapatrae	ArtificialIntelligence in stock market investment	Journal of Engineering Scienccch (JETI R)	Vol.X XVIII, no.3 PP-96-100	June 2021	ISSN 2587-3474		http://repository.utm.md/bitstream/handle/5014/17457/JES_202	-	-

								1_3_p96_100.pdf?paper=JETIR2106358		
Instr ume ntati on	Dr.V.V. Kale	Aquaponics Using IoT	Wesley an Journal of Resear ch	Vol.14 No.24 pp 35- 46	Septemb er 2021	ISSN- 0975-1386				
Instr ume ntati on	Dr.V.V. Kale	Smart attendance sytem	Wesley an Journal of Resear ch	Vol.14 No.24 pp 75- 89	Septemb er 2021	ISSN- 0975-1386				
Instr ume ntati on	Dr.V.V. Kale	Research paper on automatic quality testing of soft drinks	Wesley an Journal of Resear ch	Vol.14 No.24	Septemb er 2021	ISSN- 0975-1386				
Instr ume ntati on	Mrs.S.V. Kulkarni	Recording Physiological Parameters using Biobench Setup	Wesley an Journal of Resear ch		2021	ISSN- 0975-1386				
Instr ume ntati on	Mrs.S.V. Kulkarni	Review on Flow Control Methods	Wesley an Journal Resear ch		2021	ISSN- 0975-1386				
Instr ume ntati on	Mrs.S.V. Kulkarni	Used Bottle Washing System	Journal of Emergi ng		2021	ISSN 2349-5162	7.87	https:// www.je tir.org/ papers/		

			Technologies and Innovative Research (JETIR)				JETIR2107741.pdf		
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• **Resource persons:**

Sr. No	Staff Name	Date & Place	Details
1	Mrs.S.V.Kulkarni	Feb-2021	Primary Evaluator -Toycathon-2021- AICTE Ministry of MSME (Certificate received on December 2021)

• **Seminar/Workshops/Conference organized**

Sr. No	Department	Topic	Conducted by	Date	Funded by
1	Instrumentation	Workshop Hands on PLC	Mrs. Nital Sarap, Senior Industrial Automation Trainer AMT Skill Enhancement Institute LLP Pune Branch	12/11/2021	--
2	Instrumentation	Automation Boot Camp(ABC)-Let Us Begin	1.Dr. Mahesh Sanghavi, SNJB's KB Jain College of Engineering, Chandwad 2.Mrs. Yogita Katre Senior Industrial Automation Trainer	13/9/2021 - 17/9/2021	--

			<p>AMT Skill Enhancement Institute LLP Thane Branch 3.Mrs. Nital Sarap</p> <p>Senior Industrial Automation Trainer AMT Skill Enhancement Institute LLP Pune Branch 4.Mr. Sandeep Karkhanis</p> <p>Executive Director</p> <p>AMT Skill Enhancement Institute LLP 5.Mr. Shrikant Karode</p> <p>Advisory Board Director</p> <p>AMT Skill Enhancement Institute LLP</p>		
3	Instrumentation	hands on workshop on “Data Visualization”	Mr.Vidyesh Sakpal Tableau Developer, Maxin information techologies pune	8/12/2021 to 10/12/2021	
4	Instrumentation	3 days workshop on “Circuit simulation using multisim software”	Dr.V.V.Kale, Instrumentation Engg , AISSMS’s IOIT	15/11/2021 To 18/11/2021	

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

Sr. No.	Branch	Name of Staff	Event	Organized by	Date and Event
1.	Instrum entation	Mrs. S.V. Kulkarni	Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms	Velagapudi Ramakrishna Siddhartha Engineering College ,Vijaywada AP	23/8/2021 - 28/8/2021
2.	Instrum entation	Mrs. S.V. Kulkarni	Teaching and Learning in General Program :TALG(Online certification)	IISC Bangalore	July- August2021
3.	Instrum entation	Mrs. S.V. Kulkarni	Teaching and Learning in General Program :TALG(FDP)	IISC Bangalore	July- August2021
4.	Instrum entation	Mrs. S.V. Kulkarni	Research Symposium	Pimpri Chinchwad College of Engineering ,Pune and CAN THO University Vietnam	28/6/2021 to 30/6/2021
5	Instrum entation	Mrs. S.V. Kulkarni	Enriching Research Methodologies ,Effective Journal Publications and Proposal Drafting	RMK College of Engineering and Technology	26/7/2021 - 28/7/2021

6	Instrum entation	Mrs. S.V. Kulkarni	An insight to Biomedical Instrumentation ,Biomedical sign al and image processing with hands on experience and LABVIEW	Poojya Doddappa Appa College of Engineering ,Kalaburagi	2/8/2021 - 6/8/2021
7	Instrum entation	Mrs. S.V. Kulkarni	Bio Medical signal processing for smarter healthcare	GIET University	19/7/2021- 23/7/2021
8	Instrum entation	Mrs. S.V. Kulkarni	LaTex A to Z	Pimpri Chinchwad College of Engineering ,Pune	27/9/2021 - 1/10/2021
9	Instrum entation	Mrs. S.V. Kulkarni	Advances in Medical Informatics	Manipal Institute of Technology ,Manipal	16/8/2021- 20/8/2021
10	Instrum entation	Mrs. S.V. Kulkarni	Artificial Intelligence Enabled Translational Research in Health Informatics	Manakula Vinayagar Institute of Technology, Puducherry	25/10/2021 -29/10/2021
11	Instrum entation	Mrs. S.V. Kulkarni	IPR awareness Program	Bhivarabai Sawant Institute of Technology and Research Pune	3-10-2021
12	Instrum entation	Mrs. S.V. Kulkarni	Digital Marketing 101	IIDE The Digital School Mumbai	3-9-2021

13	Instrum entation	Mrs. S.V. Kulkarni	Electrosurgical Unit	PRASHAN Medical Technologies, Chennai	20/9/2021
14	Instrum entation	Mrs. S.V. Kulkarni	Research Journal Finading reference management through web of science and scopus research management	Nadimpalli Satyanarayana Raju Institute of Technology	5-6-2021
15	Instrum entation	Dr. A. A. Shinde	ATAL FDP on "Signal Processing and Machine Learning for AI- Driven Healthcare Systems"	IIT Patna.	2021-06-23 to 2021-06- 27
16	Instrum entation	Dr. A. A. Shinde	One week national level FDP on "Multi Technologies"	AISSMS IOIT, ENTC Department, Pune	28-06-2021 to 03-07- 2021
17	Instrum entation	Dr. A. A. Shinde	3 days national level FDP on "Data Science for Instrumentation "	D. Y. Patil College of Engineering Akurdi, Pune	15-07-2021 to 17-07- 2021
18	Instrum entation	Dr. A. A. Shinde	5 days national level FDP on "Trends and Innovations in Healthcare"	VIIT, ENTC Department, Pune	25-10-2021 to 29-10- 2021
19	Instrum entation	Dr. A. A. Shinde	one week workshop on "Machine	AISSMS IOIT, IT department	13-12-2021 to 18-12- 2021

			Learning with Cloud Deployment”		
20	Instrumentation	Dr. B. N. Mohapatra	One week workshop on DeltaV 7009	AISSMS IOIT, INSTRUMENTATION department	06-12-2021 to 10-12-2021
21	Instrumentation	Dr. V. V. Kale	One week national level FDP on “Multi Technologies”	AISSMS IOIT, ENTC Department, Pune	28-06-2021 to 03-07-2021
22	Instrumentation	Dr. V. V. Kale	ATAL Online Elementary FDP on "Mathematics for Data Sciences"	Kumaraguru College of Technology	26/07/2021 to 30/07/2021
23	Instrumentation	Dr. V. V. Kale	Five days workshop on “Latex A to Z”	PCCOE, Pune	27-09-21 to 01-10-21
24	Instrumentation	Dr. V. V. Kale	ATAL Online Elementary FDP on "Artificial Intelligence Applications in Medical Diagnosis"	B.S Abdur Rahman Crescent Institute of Science and Technology	04/10/2021 to 08/10/2021
25	Instrumentation	Dr. V. V. Kale	ATAL online FDP on "Mathematical Foundation for Machine Learning"	Sree Buddha College of Engineering	22-11-2021 to 26-11-2021
26	Instrumentation	Mr. S.R.Kale	ATAL online Elementary FDP on “Trends in Measurement and Control for System Automation “	Birla Institute of Technology	28/06/2021 to 02/07/2021
27	Instrumentation	Mr. S.R.Kale	ATAL online Elementary FDP on “Introduction to geospatial tools and	Indian Institute of Technology Roorkee	26/07/2021 to 30/07/2021

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

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1	Mr. Geetanjali Khadtre	Cyber Security Awareness	Department of Artificial Intelligence and Data Science AISSMSIOIT Pune	13/10/2021

Teaching Staff Achievement & Awards –

Sr. No.	Department	Name of Staff	Achievement & Awards	Level College/university/state/national/international
1	Instrumentation	Dr. D. R. Shende	Innovative Educator-Global Women Achievers 2021	International
2	Instrumentation	Dr. D. R. Shende	Global Women Achievers 2021- FSIA	International
3	Instrumentation	Mrs.S.V.Kulkarni	PBA Rank -2 (A.Y.2020-21)	College

5. Students Achievements –

i) Students Academic Activities

Sr. No.	Names of the Students	Event in which Participated	State/National/International Level	Prizes/Medals Won
1	Patil Shivanshu Nilesh	ISA PMCD Scholarship Award for AY 2021-22.	National	Scholarship of \$750
2	Shreyas Dhadge	KPIT Sparkles i-Innovative Contest	National	Certificate of merit.
3	Abhishek Sutwane	IEEE Eu-Reka Contest	National	Certificate, Trophy
4	Devdatta Pimparkar	NPTEL Certificate:German-I	National	Certificate
5	Akshay Bhapkar	NPTEL Certificate:Innovation by Design	National	Certificate
6	Shruti Mohan Kharade	Stress Management	National	Certificate
7	Shruti Mohan Kharade	Innovation and IPR	National	Certificate
8	Shruti Mohan Kharade	Matlab and Simulink	National	Certificate

9	Sandesh Sonawane	Evolve-X Ideathon	National	Certificate
10	Sandesh Sonawane	Automation Boot Camp	National	Certificate
11	Ketan Kharad	Hands On Workshop On PLC	National	Certificate
12	Ketan Kharad	Ideavation-21	National	Certificate

iii) Students Sports Activities

Branch	Names of the Students	The event in which Participated	State/National/International Level	Prizes /Medals Won
Instrumentation	Aditya Rege	Chees -Runner Up-TESA - AISSMS IOIT Pune	State	Certificate

iv) Students' Journal Publication:

Paper publication in /National/International Seminars/Conferences

Note:-Please write down the complete journal name

Branch- Instrumentation										
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	Shreya Ghosalkar, Gauri Bhosale, Deepankar Bhat, Mrs .S.V.Kulkarni	Recording Physiological Parameters using Biobench Setup	Wesleyan Journal Research	14	141 - 145	2021	0975-1386	6.1	http://www.wesleyanjournal.in/	Yes
2	Pratiksha Patil , Ojas Nikumbh , Akansha Wattamwar, Mrs.S.V. Kulkarni	Review on Flow Control Methods	Wesleyan Journal Research	14	268 - 272	2021				Yes
3	Vipul Khedekar , Akshay Magar, Shehal	Used Bottle Washing System	Journal of Emerging Technology	8	981 - 983	July 2021	2349-5162	7.87	https://www.jetir.org/papers/JETIR	Yes

	Tekwade , Mrs.S.V. Kulkarn		gies and Innovative Research (JETIR)						2107741.pdf	
4	Saket Godse, Shivani Jadhav, Sidhant Kasbe Mr.S.S.J agtap, Mr. S. R. Kale	Flow Control using DeltaV Distributed Control System	Wesleyan Journal of Research			2021	0975-1386	6.1	http://www.wesleyanjournal.in/	yes
5	Vishal Jambagi, Shailendra Kalyankar, Manthan Mirpagar Mrs. V. V. Kale	Automatic quality testing of soft drinks	Journal of applied science and computation			2021	0022-1945	5.8	http://j-asc.com/	yes
6	Chetan Bhanarkar, Dipendra koli, Jagrut Thalkar Mrs. V. V. Kale	Review on smart attendance system	Journal of applied science and computation			2021	0022-1945	5.8	http://j-asc.com/	yes
7	Aditya Baradkar , Pranav Dalvi, Pranav	Review On Design and Fabricati	International Journal of Creative			2021	2320-2882	7.97	https://ijcrt.org/conference.php	yes

	Pawar,Divya Yadav. Suyog Patil Mr.H.P. Chaudhari	on of Electromagnetic Flowsensor	Research Thoughts (IJCRT)							
8	Aditya Baradkar , Pranav Dalvi, Pranav Pawar,Divya Yadav. Suyog Patil Mr.H.P. Chaudhari	Flow & Level Loop Test Setup using DCS & HMI	Journal of applied science and computation (JASC)			2021	0022-1945	5.8	http://j-asc.com/	yes
9	Somnath Patil Mr. S. R. Kale	High Gas Flowline control using Allen Bradley L19-ER-BB1B	Wesleyan Journal of Research			2021	0975-1386	6.1	http://www.wesleyanjournal.in/	yes
10	Rutvij Mahamuni Rutuparn Patil Mr.S.R. Kale	Automatic Santization tunnel with temperature measurement.	International Journal of Advance Scientific Research & Engineering trends			2021	2456-0774	6.228	http://www.ijasret.com/	yes

11	Somnath Patil Mr.S.R. Kale	Review on PLC based Control System For Oil, Water & Gas supply process plant	Journal of applied science and computation (JASC)			2021	0022-1945	5.8	http://j-asc.com/	yes
12	Aishwarya Gore, Shripad Garat, Ruchi Ranade, Dr. Dipali Shende Mr.S.R. Kale	Implementation of Level Control loop Trainer Kit using DeltaV DCS	Wesleyan Journal of Research			2021	0975-1386	6.1	http://www.wesleyanjournal.in/	yes
13	Aishwarya Gore, Shripad Garat, Ruchi Ranade, Dr. Dipali Shende Mr.S.R. Kale	Review paper on Comparative study of Industrial Controlling Unit PID, PLC, DCS	Journal of applied science and computation (JASC)			2021	0022-1945	5.8	http://j-asc.com/	<u>yes</u>

6. Industry institute Interaction:

- Industrial Visits -Students**

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	13/10/2021	B.E.	B & R Industrial Automation Pvt.Ltd. Pun	7	Mrs. S. V. Kulkarni / Dr. A. A. Shinde

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	3/12/2021	SE,TE	SOFOSH-Shreevatsa (Social Visit)	06	Mrs.S.V.Kulkarni

7. Professional Society Activities :

(Expert Lectures, Competitions, aptitude tests, etc)

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

Sr. No.	Date	Activity Details Topic	Resource person/ Judge
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ISA			
1	07/09/21	Webinar on “Women Empowerment: Women with Wings”	Dr. Samhita Bhushan, Consultant Psychiatrist
2	06/10/2021	Latest information technology trend in industry worldwide and how indian fresh graduates should be ready and prepare for the opportunities	Mr. Shubhasish Jena, Assistant consultant, TATA Consultancy Services
3	13/10/2021	Post B-Tech Career Path	Ms. Gargi Mishra, Senior Consultant PwC(PricewaterhouseCoopers) USA
IEEE			
1	30/08/2021	Webinar on “How to get in MNCs”	Aniket Shilimkar, full Stack .NET Web Developer, Technology Analyst, Infosys Ltd
2	24/09/2021	Quiz Competetion	INSAT student members: Mr. Amey Deshpande & Mr. Harshad Mande
3	12/10/2021	Rewarding Career and Experience of Biomedical Instrumentation	Mr. Anirudh Sinnarkar Advance Operation Engineer Hologic Inc.

4	30/11/2021	Webinar on “ career Guidance”	Mr. Nilesh Visput, Project Engineer SAP Engineers and Consultants, Pune
FSAI			
1	24/11/2021	Webinar on “Building management system and job opportunities”	Mr. Sahil Bedre, Sr. Engineer, ICT Solutions Pvt. Ltd
ISTE			
1	02/09/2021	Webinar on “Journey as a Entrepreneur”	Mr. Vijay Murge, Plug-Us-E-Mobility LLP

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 coordinator / Student Coordinator	No.Of Students
1	Instrumentation	7/9/2021	Applications of Data Science and Medical Image Processing in Biomedical Instrumentation	Mr. Ganesh Deshmukh, Acton Healthcare Engineering Innovations Pvt Ltd Mumbai	Mrs. S. V. Kulkarni	T.E. / 41

2	Instrumentation	13/9/2021	Smart Wireless System using LAB VIEW	Mr. Vasanth Kumar ,VI Solutions, Bengaluru	Mrs. S. V. Kulkarn	B.E./62
3	Instrumentation	20/12/21	Operational amplifier: Characteristics and Application	Mr. Sangamnath Mathadevru, Technical architect, Tata Technologies, Hinjwadi , Pune.	Dr. V.V.Kale	SE/ 25
4	Instrumentation	31/08/21	Data science applications	Mr. Arpit Yadav, Senior Data Scientist , INSOFE , Bangalore	Dr. A. A. Shinde	TE/40

8. Student Association Activities-

Sr. No.	Date	Activity Details Topic with class & students' count	Organizer/ Staff Co coordinator / Student Coordinator
1	24/09/2021	Cultural Talent Hunt	Mrs. Maityree Bhangale
2	24/09/2021	Fashion show	Mrs. Sanskruti Padval
3	24/09/2021	Zoomed In	Mr. Omkar Bartakke
4	24/09/2021	Treasure Hunt	Mrs. Vaishnavi Phadtare
5	24/09/2021	Battlegrounds Mobile India (Bgmi)	Dr.B.N.Mohapatra
6	25/09/2021	Scribble	Dr.B.N.Mohapatra

7	25/09/2021	Ipl Auction	Dr.B.N.Mohapatra
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9. Department Activities:-

Activity conducted by faculty members for faculty during activity period

DEPARTMENT	Name of the Staff	Date	Details of activities performed
Instrumentation	Dr.V.V.Kale	10/12/2021	Knowledge forum session on “ Global semiconductor shortage”
Instrumentation	Mrs. S. V. Kulkarni	20/10/2021	Knowledge forum session on “Wearable Technology in Healthcare ”
Instrumentation	Dr. A. A. shinde	18/10/21	Knowledge forum session on “ Tableau Dashboard
Instrumentation	Mr.S.S.Jagtap	12/11/21	Knowledge forum session on “Data Analytics”

10. NSS Events:

- No. of Students Enrolled
- No. of NSS camps held-
- Names of students who participated -
- Special work done by NSS students-
- Any Other Information

11. SWO

13. Media Coverage:

श्री शिवाजी मेमोरिअल कडून चार अद्ययावत प्रयोगशाळा

पुणे : पुढारी वृत्तसेवा

ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फर्मेशन टेक्नॉलॉजीने (आयओआयटी) चार अद्ययावत प्रयोगशाळा तयार केल्या आहेत. या प्रयोगशाळांचे उद्घाटन उच्च व तंत्रशिक्षणमंत्री उदय सामंत यांनी रविवारी केले. या प्रयोगशाळांच्या माध्यमातून विद्यार्थ्यांना प्रत्यक्ष कार्यानुभवाची संधी मिळणार आहे.

आयओआयटीमध्ये 'डी. एम. तगारे पॉवर क्वालिटी एक्सपिरियन्स सेंटर', 'फोर्ब्स मार्शल सेंटर ऑफ एक्सलन्स', 'इमर्सन सेंटर ऑफ एक्सलन्स' आणि 'एआयसीटीई मॉड्युल : बायोमेट्रिकल इन्स्ट्रुमेंटेशन लॅब' या अत्याधुनिक प्रयोगशाळा विद्यार्थी, प्राध्यापक आणि उद्योग क्षेत्रातील कर्मचाऱ्यांच्या प्रशिक्षणासाठी

उच्च व तंत्रशिक्षणमंत्री उदय सामंत यांच्या हस्ते उद्घाटन



ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फर्मेशन टेक्नॉलॉजीने निर्माण केलेल्या प्रयोगशाळांचे उद्घाटन उच्च व तंत्रशिक्षणमंत्री उदय सामंत यांच्या हस्ते झाले. उभारण्यात आल्या आहेत.

महाविद्यालयाच्या 'इन्स्टिट्यूट इंडस्ट्री कनेक्ट' या उपक्रमांतर्गत प्रत्येक प्राध्यापक किमान एक-दोन उद्योगांशी जोडलेले आहेत. त्याचा विद्यार्थ्यांना प्रत्यक्ष अनुभव मिळण्यासाठी

फायदा, कार्यप्रशिक्षण, प्लेसमेंटसह तज्ज्ञांची व्याख्यान आयोजित करण्यासाठी होतो. कंप्युटर क्षेत्रातील मोठे व्यक्तिमत्त्व असलेले डी. एम. तगारे यांच्या कुटुंबीयांनी महाविद्यालयाला देणगी दिली, तसेच फोर्ब्स मार्शल, इमर्सन या

उद्योगांकडूनही निधी प्राप्त झाला. तसेच, अखिल भारतीय तंत्रशिक्षण परिषदेकडून (एआयसीटीई) जैववैद्यकीय प्रयोगशाळेसाठी प्राप्त झालेल्या १८ लाखांच्या अनुदानातून चौथ्या प्रयोगशाळेची निर्मिती करण्यात आली.

संस्थेचे मानद सचिव मालोजीराजे छत्रपती यांनी कुशल अभियांत्रिकी मनुष्यबळ निर्माण करण्यासाठी अत्याधुनिक प्रयोगशाळांचे योगदानाविषयी भाष्य केले. प्रास्ताविक करताना प्राचार्य डॉ. पी. बी. माने यांनी कौशल्य आणि ज्ञानासह बहुआयामी विकास साधणे आणि विद्यार्थ्यांमध्ये नवीनतम विकास आणि तंत्रज्ञानाची जागरूकता निर्माण करणे, या महाविद्यालयाच्या ध्येयावर प्रकाश टाकला. कार्यक्रमाचे सूत्रसंचालन डॉ. मौसमी वंजाले यांनी केले. प्रा. सचिन शेलार यांनी आभार मानले.

14. Event Photograph

- Sports
- Achievement
- NSS
- Industrial Visits



Department of Instrumentation Engineering organized Industrial Visit at B & R Industrial Automation Pvt Ltd Pune on dated 13/10/2021 for B.E. Instrumentation class. Visit organized by Mrs. S. V. Kulkarni and accompanied by Dr. A. A. Shinde



AISSMS IOIT, Pune-Department of Instrumentation Engineering in association with IEEE AISSMS IOIT Student Branch organized webinar on-“Applications of Data Science and Medical Image Processing in Biomedical Instrumentation” on dated 07/09/2021 by Mr. Ganesh Deshmukh, **Founder & CEO Acton Healthcare Engineering Innovations Pvt Ltd Mumbai** & webinar organized by Mrs. S. V. Kulkarni and coordinated by student Ms. Aditi Wathe (T.E. Instrumentation). Total 41 students from T.E. instrumentation Engineering attended the webinar.



AISSMS IOIT, Pune-Department of Instrumentation Engineering in association with AISSMS IOIT ISA Student Chapter & AMT Skill Enhancement Institute LLP “Automation Boot Camp(ABC)-Let Us Begin” on Dated 13/9/2021 to 17/9/2021.

Day 1 speaker: Dr. Mahesh Sanghavi, SNJBs Late Sau KB Jain CoE, Chandwad given session on Digital Transformation, Day 2 : Mrs. Yogita Katre, Senior Industrial Automation Trainer ,AMT Skill Enhancement Institute LLP Thane Branch ,given session on Industrial automation- Trends and Challenges. Day 3 : Mrs. Nital Sarap, Senior Industrial Automation Trainer ,AMT Skill Enhancement Institute LLP Pune Branch, given session on Next Generation Cobots. Day 4: Mr. Sandeep Karkhanis, Executive Director, AMT Skill Enhancement Institute LLP Thane Branch, given session on Industrial Safety Engineering, Day 5: Mr. Shrikant Karode, Advisory Board Director, AMT Skill Enhancement Institute LLP Thane Branch, given session on Industry Expectations from Young professionals.

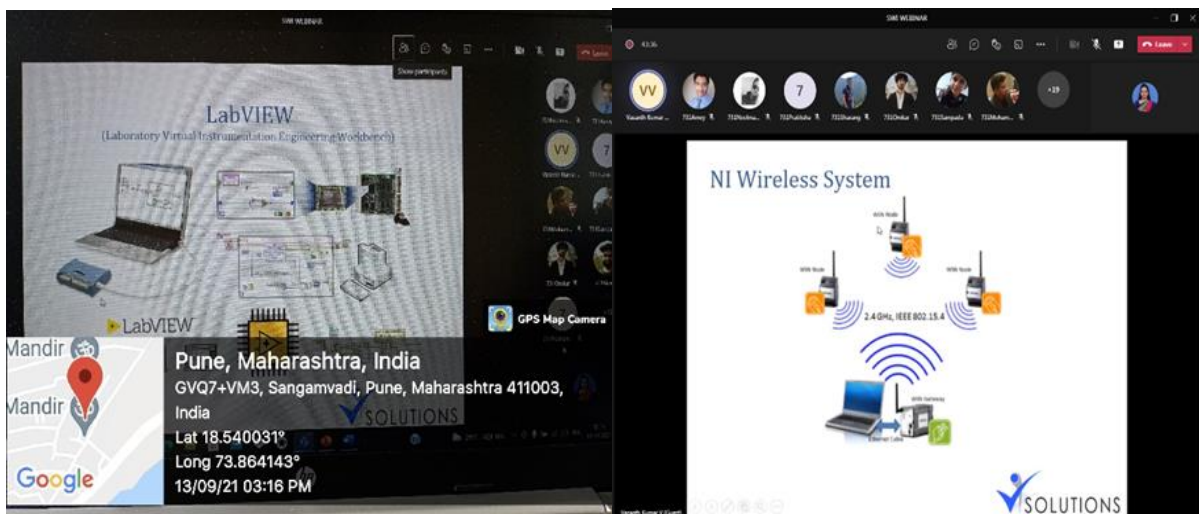
Boot camp organized by Mrs. S. V. Kulkarni and coordinated by students Shruti Zagade, Harshad Mande, Shubham Nagarkar, Maitreyee Bhangale, Supriya Saykar, Sandesh Sonawane. Total 160 participants attended Boot camp from Maharashtra, CHHATTISGARH, Tamilnadu, Karnataka, Uttar Pradesh, West Bengal, Rajasthan , JAMMU AND KASHMIR, Gujarat, MADHYA PRADESH, Telangana , Andaman, West Bengal various states from India



Department of Instrumentation Engineering in association with ISTE organized Workshop on “Entrepreneur Skills” for SE,TE,BE students . More then 90 students benefited the workshop. Day 1(01/09/2021) - Virtual visit at “K Star Plastic Industries” by Mr. Abhishek Kadam, Day 2(02/09/2021): Session on “Journey as a Entrepreneur” by Mr. Vijay Murge,Plug-Us-E-Mobility LLP & Day 3(03/09/2021): Session on “Digital Marketing” by Mr. Chintan Mehta, IIDE Mumbai. The workshop was organized by Mrs. S. V. Kulkarni under the guidance of Dr. A. A. Shinde , Head of Instrumentation Engineering Department and coordinated by team of students Abhay Salunke, Samrudhi Chidrawar, Neilsinh Barwade,Ayush Walse.



Enhancement Institute LLP conducted “Workshop on PLC” on dated 12/11/2021. Workshop resource person Mrs. Nital Sarap, Sr. Industrial Automation Trainer AMT Skill Enhancement Institute LLP - covered contents in workshop, PLC internal components, PLC Programming - Ladder Technique, PLC computer Interface, delay timer, cyclic timer, interval timer, on/off timer, Demo on working of PLC etc. Total 22 students from SE, TE, BE Instrumentation attended the workshop. Workshop coordinated by Mrs. S. V. Kulkarni, Dr. V. V. Kale under the guidance of Dr. P. B. Mane & Dr. A. A. Shinde. Workshop coordinated by students Sumeet Saibi and Pratiksha Chaudhari from T. E. Instrumentation.



AISSMS IOIT, Pune-Department of Instrumentation Engineering in association with FSAI organized webinar on-“Smart Wireless System using LAB VIEW” on dated 13/09/2021 by Mr. Vasanth Kumar, Assistant Manager, VI Solutions, Bengaluru & webinar organized by Mrs. S. V. Kulkarni and coordinated by student Amey Deshpande (B.E. Instrumentation). Total 62 students from SE, TE, BE. instrumentation Engineering attended the webinar.



Webinar on “Women Empowerment: Women with Wings” was organised on 07/09/2021 in association with ISA Student Section. The webinar was presented by Dr. Samhita Bhushan, Consultant Psychiatrist, Motherwood Hospitals, Indore. The webinar was organized by Dr. V. V. Kale. 32 students from SE, TE and BE Instrumentation attended the webinar.



Achievements by Dr.D.R.Shende




Department of Instrumentation Engineering
association with IEEE Student Branch
organizes

Webinar on Career Guidance



Aniket Shilimkar

A Full Stack .NET Web Developer, Technology Analyst, Infosys Ltd.

August 30 | 1 PM-2 PM

Student Coordinator:
Vaishnavi Phadtare-97671 60679
Sumeet Salbi-72763 12682

Coordinated by:
Dr. Vandana Kale, Faculty coordinator
Dr. Anshu Shinde, HOD
Instrumentation Department

@ieee_aissmsioit @ioit_ieee



Webinar on “How to get in MNCs” was organised on 30/08/2021 by Dr.V.V.Kale for AISSMS’s IOIT students. It was conducted by Aniket Shilimkar, full Stack .NET Web Developer, Technology Analyst, Infosys Ltd.






AISSMS
INSTITUTE OF INFORMATION TECHNOLOGY
Affiliated to Savitribai Phule Pune University, Approved by AICTE,
New Delhi and Recognized by Govt. of Maharashtra
(U No. PU/PUN/REGG/124/1998)
Accredited by MAAC with 'B' Grade

INSTRU TALKS

Department of Instrumentation Engineering

INVITES YOU FOR THE WEBINAR,
IN ASSOCIATION WITH ISA STUDENT CHAPTER

Topic: Rewarding Career and Experience of Biomedical Instrumentation





Aniruddha Sinnarkar
Advance Opeartion Engineer
Hologic Inc.

Date:12/10/2021
Day: Tuesday
Time: 8.00 A.M

Dr. A. A. Shinde
HOD Instrumentation
Enginerring

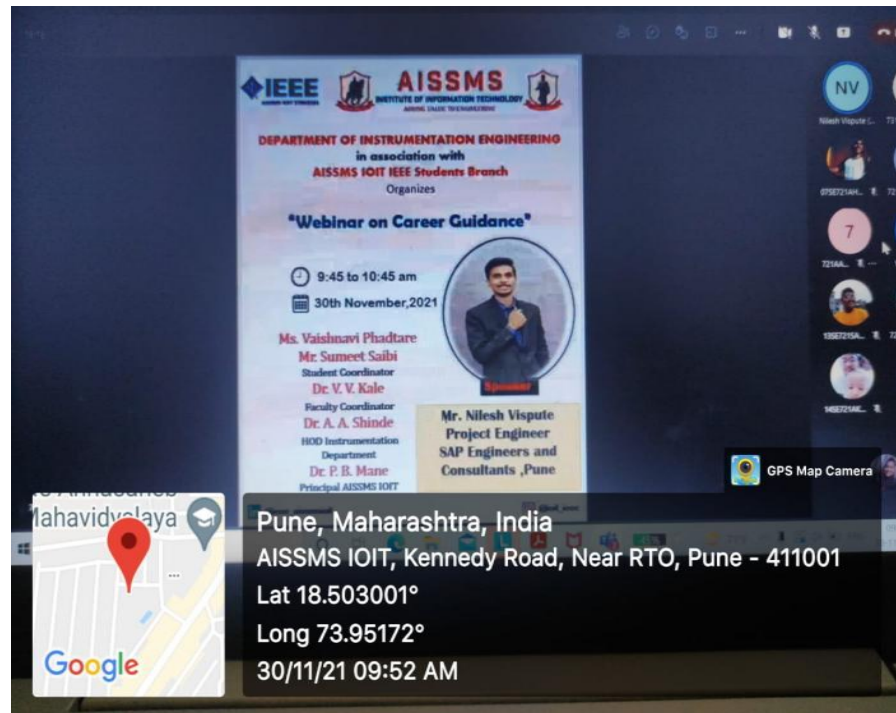
Principal: Dr.P. B. Mane
AISSMS IOIT

Co-ordinated by:
Dr. B. N. Mohapatra

Students Co-Ordinator's
Amey Deshpande
Harshad Mande
Ashwini Chanakhekar

Webinar on “Rewarding Career and Experience of Biomedical Instrumentation” was organised on 12/10/2021 by Dr.V.V.Kale. It was conducted by Mr. Anirudh Sinnarkar

Advance Operation Engineer Hologic Inc.



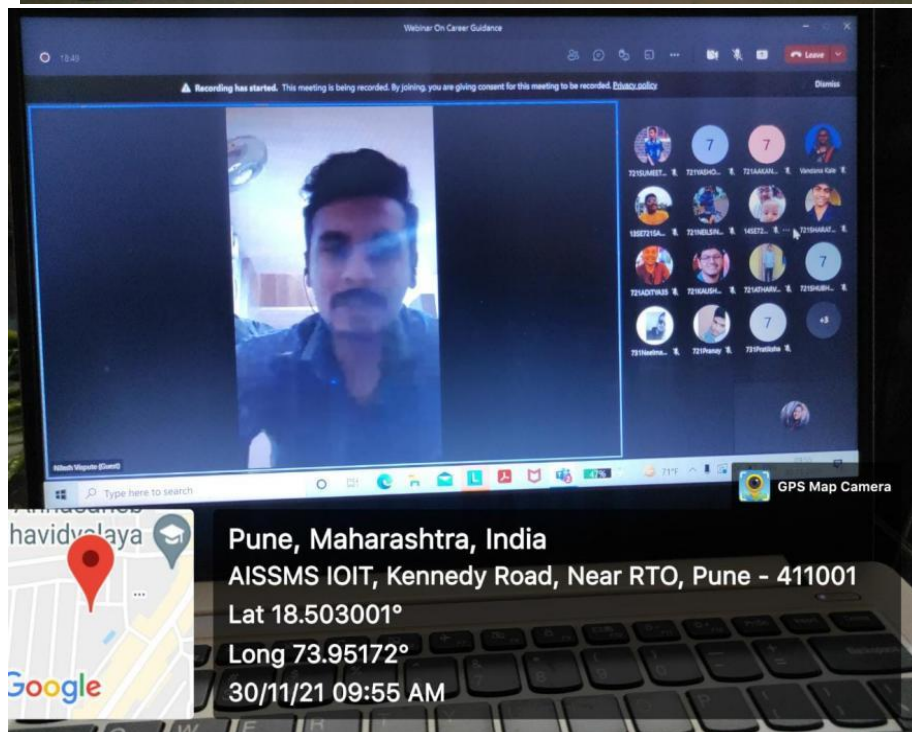
The screenshot shows a Zoom webinar interface. The main window displays a presentation slide titled "Webinar on Career Guidance" organized by the Department of Instrumentation Engineering in association with the AISSMS IOIT IEEE Students Branch. The slide lists the following details:

- Time:** 9:45 to 10:45 am
- Date:** 30th November, 2021
- Faculty Coordinator:** Dr. V. V. Kale
- Student Coordinator:** Mr. Sumet Saibi
- HOI Instrumentation Department:** Dr. P. B. Mane
- Principal AISSMS IOIT:** Mr. Nitesh Vispute
- Project Engineer:** SAP Engineers and Consultants, Pune

A map overlay in the bottom left corner shows the location of the AISSMS IOIT in Pune, Maharashtra, India, with the following coordinates:

- Address:** AISSMS IOIT, Kennedy Road, Near RTO, Pune - 411001
- Lat:** 18.503001°
- Long:** 73.95172°
- Date/Time:** 30/11/21 09:52 AM

The Zoom interface also shows a list of participants on the right side.



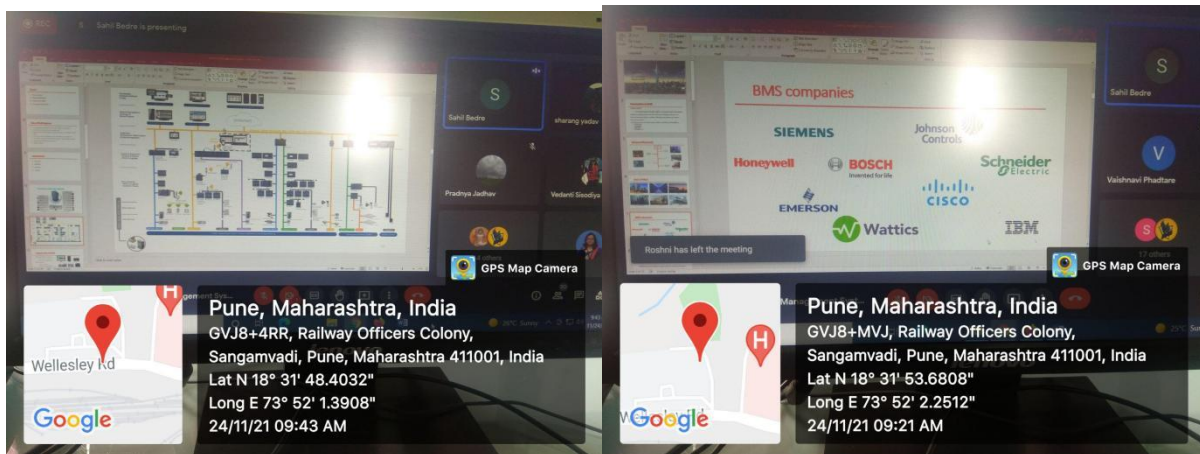
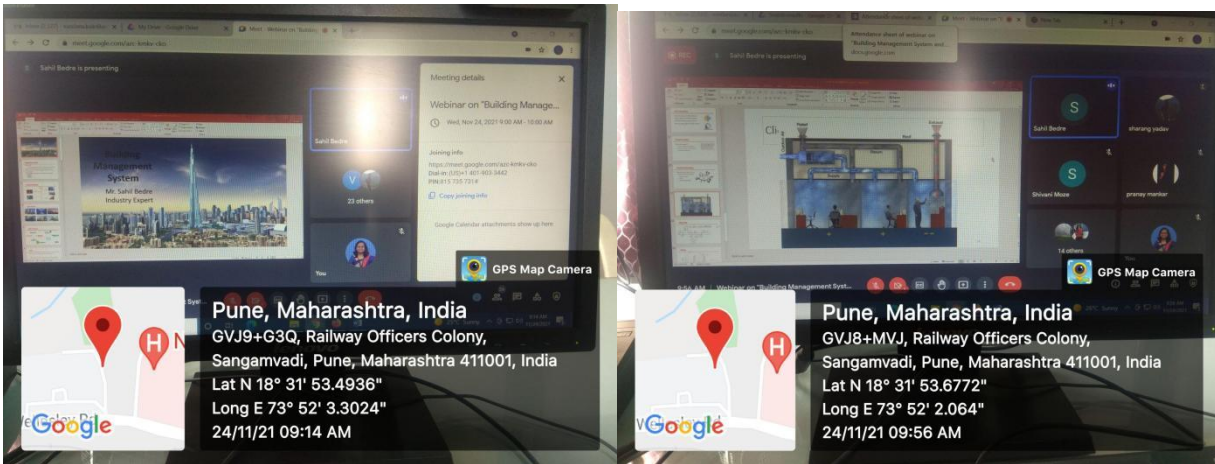
The screenshot shows a Zoom webinar interface. The main window displays a video feed of a participant, Mr. Nitesh Vispute, who is the Project Engineer at SAP Engineers and Consultants, Pune. The Zoom interface also shows a list of participants on the right side.

A map overlay in the bottom left corner shows the location of the AISSMS IOIT in Pune, Maharashtra, India, with the following coordinates:

- Address:** AISSMS IOIT, Kennedy Road, Near RTO, Pune - 411001
- Lat:** 18.503001°
- Long:** 73.95172°
- Date/Time:** 30/11/21 09:55 AM

The Zoom interface also shows a list of participants on the right side.

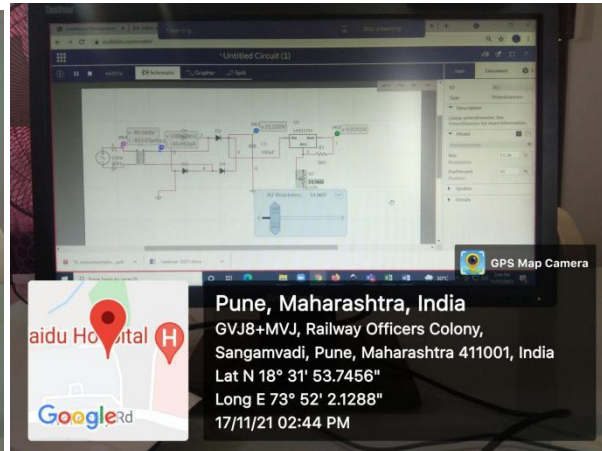
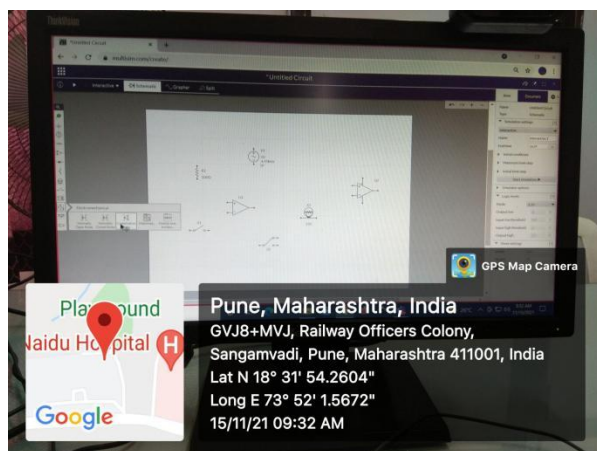
Webinar on “ Career Guidance” was organised on 30/11/2021 by Dr.V.V.Kale. It was conducted by Mr. Nilesh Visput, Project Engineer SAP Engineers and Consultants, Pune

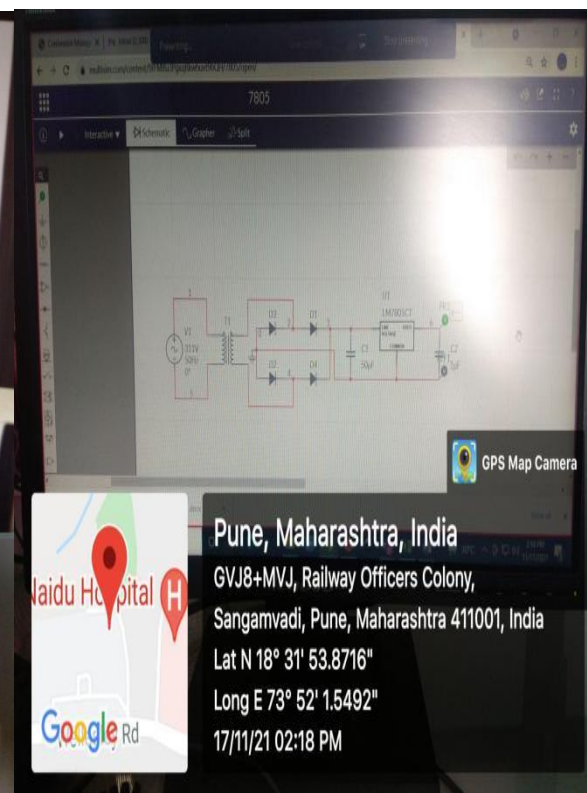
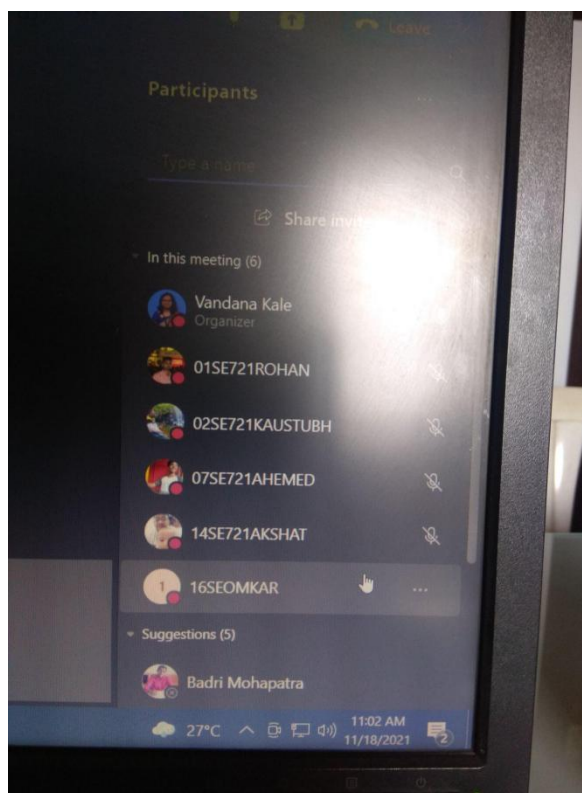
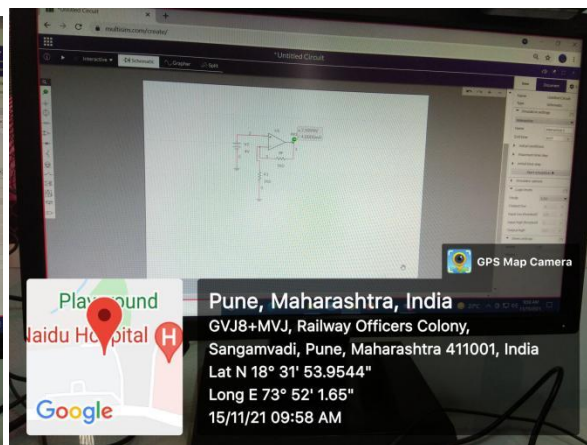
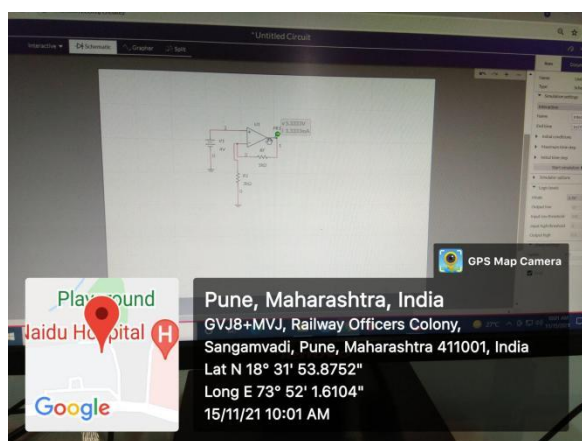


Webinar on “Building management system and job opportunities” was organised on 24/11/2021 by Dr. V.V.Kale. It was conducted by Mr. Sahil Bedre, Sr. Engineer, ICT Solutions Pvt. Ltd.



Webinar on “Operational amplifier: Characteristics and Application” was organised on 20/12/2021 by Dr. V.V.Kale. It was conducted by Mr. Sangamnath Mathadevru, Technical architect, Tata Technologies, Hinjewadi , Pune. 25 students from SE Instru benefited from this webinar.





3 days workshop on “Circuit simulation using multisim software” was organized on 15,17 and 18 November 2021 for SE Instru students. The workshop was organized and conducted by Dr.V.V.Kale.



Department of Instrumentation Engineering

HALF YEARLY REPORT 2021-22 (Sem II)

(Duration – 01/12/2021 to 30/04/2022)

1) Preamble

2) Infrastructure Development:

3) Academic Excellence Achieved:

- **B.E. Examination results: (2020-21)**

Sr. No.	Name of the Department	Result
1	Instrumentation	100%

- **University Rankers 2020-21:**

Sr. No.	Branch	Class	Name of the student	Exam No.	% of marks	Rank in university
1	Instrumentation	SE	Neha Phadatre	S150254651	9.32	5th
2	Instrumentation	SE	Pranali Parab	S150254655	9.3	6th
3	Instrumentation	SE	Shivanshu Patil	S150254658	9.2	9th

- **Campus Placement:**

- **List of companies visited campus:**

Sr. No	Name Of the Company	Engineering Branch/Stream	No. of Eligible students
1	Infosys	Instrumentation	38

2	Veanderland	Instrumentation	38
3	Siemens	Instrumentation	38
4	Forbes marshall	Instrumentation	38
5	International Center for technological Innovations	Instrumentation	38
6	Johnson Control	Instrumentation	38
7	HARMAN	Instrumentation	38
8	SumaSoft Pvt Ltd	Instrumentation	38
9	Burckhardt Compression Pvt. Ltd	Instrumentation	38
10	UTS Global	Instrumentation	38
11	Messung Systems Pvt Ltd	Instrumentation	38
12	Wipro	Instrumentation	38
13	Hexaware Technologies Pvt. Ltd.	Instrumentation	38
14	Cognizant	Instrumentation	38
15	Pentagon Space	Instrumentation	38
16	TCS	Instrumentation	38
17	Capgemini	Instrumentation	38
18	All Script	Instrumentation	38

● **Students placed for the academic year 2021-22:**

Sr. No	Name Of the Students	Department	Name Of Company	No. of Eligible students
1	Aditya Sham Nilajkar	Instrumentation	Hexaware Technologies Pvt. Ltd.	38

2	Devdatta pimpalkar	Instrumentation	Wipro	38
3	Shubham Deshmukh	Instrumentation	Wipro	38
4	Pratiksha Dilip Mane	Instrumentation	Cognizant	38
5	Niharika Mohan Sherkar	Instrumentation	Cognizant	38
6	Kedar Bhame	Instrumentation	Pentagon Space	38
7	Sanskriti Padval	Instrumentation	Harman	38
8	Prathamesh Raut	Instrumentation	Harman	38
9	Shreyas Dhadge	Instrumentation	Venderlande	38
10	Ganesh Gorade	Instrumentation	Venderlande	38
11	Pranali Parade	Instrumentation	Venderlande	38
12	Sakshi Mishra	Instrumentation	Hexaware Technologies Pvt. Ltd	38
13	Yukta Soman	Instrumentation	Infosys	38

- **Entrepreneurship Activities**

Sr. No	Name Of the Company	Entrepreneurship Activities
1	Patent Office, Mumbai	Workshop on "Intellectual Property Right"

- **Industrial Training**

Sr. No.	Name Of the Company	Name Of the Students	Department
1	Emerson Export Engineering Center	AGASHE KAUSHAL PARAG	Instrumentation
2	MAAD Construction Pvt.Ltd	AMBAWALE RUSHIKESH RAJENDRA	Instrumentation
3	CADDESK Pvt Ltd	ARADWAD DNYANESHVAR BALIRAM	Instrumentation
4	Vicky Enterprises	BANSODE VISHAL VYANKAT	Instrumentation
5	System and control (sycon) Pvt.Ltd	BARWADE NEILSINH NITIN	Instrumentation
6	VINATI ORGANICS LIMITED	BHOSALE HARSH SHAHAJI	Instrumentation
7	Kalyani Maxion Pvt.Ltd	CHANDGUDE SNEHAL SURESH	Instrumentation
8	NISHITRONICS INSTRUMENTATION	CHIDRAWAR SAMRUDHI SANJAY	Instrumentation
9	Servomac services Pvt.Ltd	DESHMUKH SHUBHAM JAYRAM	Instrumentation
10	MAAD Construction Pvt.Ltd	DHAWALE ATHARVA CHANDRABHAN	Instrumentation
11	Apex Dairy Technology Ind Pvt Ltd	DOSHI SOHAM VIRENDRA	Instrumentation
12	Brain O Vision Solutions India Pvt. Ltd.	DUSA VEDANT SHRINIVAS	Instrumentation
13	Nishitronics Instrumentation	JOSHI JINYASA SANDEEP	Instrumentation
14	Analogik Electronics Corporation	KAREKAR YASHODHAN SATISH	Instrumentation
15	K-star plastic Industries Pvt.Ltd	KATKADE ASHUTOSH SANTU	Instrumentation
16	Brain O Vision Solutions India Pvt. Ltd	MANE SHAMBHURAJ DIPAK	Instrumentation
17	Electrodigit Automation and Robotic	MANKAR PRANAY RANGNATH	Instrumentation
18	SOLIVIA SOLAR SOLUTIONS	MOZE SHIVANI SUDHIR	Instrumentation
19	Cotmac Electronics Pvt.Ltd	NAIR SHARATH SASIDHARAN	Instrumentation

20	Niyo Engineers pvt.Ltd	NARKHEDE RUTAV NANDKISHOR	Instrumentation
21	Kalyani Maxion Pvt.Ltd	PATIL AAKANKSHA BAJIRAO	Instrumentation
22	Lumax Auto technology ltd. talegaon,chakan	PATIL LABHESH LAXMAN	Instrumentation
23	Nishitronics Instrumentation	PATIL PARIMAL NANDKISHOR	Instrumentation
24	Neologic Automation Pvt.Ltd	PHADTARE VAISHNAVI SUHAS	Instrumentation
25	Fluidyne Control Systems Pvt Ltd	REGE ADITYA RATNAKAR	Instrumentation
26	Pallavi Rubber Product, pune	SAIBI SUMEET SHRINIVAS	Instrumentation
27	K-star plastic Industries Pvt.Ltd	SALUNKE ABHAY SANTOSH	Instrumentation
28	BITS Control and Solutions	SALUNKE POOJA MANGESH	Instrumentation
29	Yashvi Projects and Services	SAWANT YUVRAJ ANIL	Instrumentation
30	Accusharp cutting tools pvt Ltd Pune	SAYED FAIZAN ANWAR	Instrumentation
31	Servomac Services Pvt. Ltd. Pune	SUTWANE ABHISHEK VIJAY	Instrumentation
32	Pantech E- learning pvt ltd, Chennai	TARANGE YOGESH VISHWANATH	Instrumentation
33	Kimaya Automation Pvt. Ltd, pune	THORAT RUSHIKESH BALKRUSHNA	Instrumentation
34	Brain o vision pvt .ltd	VIBHUTE SAMBHAJI PANDURANG	Instrumentation
35	Servomac Services Pvt.Ltd, PUNE	WALSE AYUSH RAJESH	Instrumentation

● **Industry Associated BE Projects**

Sr.No	Name Of the Company	Department	Student Name
1	B&R Automation Pvt. Ltd , Pune	Instrumentation	Yukta Soman Satyajit Gaikwad Sujit Jadhav
2	Coretools, Chinchwad	Instrumentation	Aditya Nilajkar Sanya Bansal

			Aakanksha Dhore
3	PMS Robotics Research Centre, Pune	Instrumentation	Ismaeel Hiroli Rajwardhan Salunke Sourabh Aanbhule
4	B&R Automation Pvt. Ltd , Pune	Instrumentation	Virendra Das Aniket Barhate Ritika Chippa
5	VST Infotech	Instrumentation	Ashutosh Yashwant Kulkarni Onkar Jalindar Gaikwad Priyank Pramod Virkar
6	Future Automation pvt.ltd	Instrumentation	Sanskriti Padaval Aditya Yeole Netraj Zope
7	Seiton technology pvt.ltd	Instrumentation	Pranav Shirapuri Kedar Bhame
8	lvlAlpha	Instrumentation	Isha Kulkarni

4) Staff Contribution towards quality improvement

- Journal Publication:**

Paper publication in /National/International Seminars/Conferences:

Note:-Please write down the 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									-	-
Instrumentation	Dr. Badri Narayan Mohapatra	Web based simulation performance of light pipe daylight transporter as a sustainable	Proceeding on Engineering Sciences	Vol-4 no 3	2022	ISSN: 2620-2832		http://www.pesjournal.net/		

		e system in an office building.								
Instrumentation	Dr. Badri Narayan Mohapatra	A Prototype of smart agriculture system using internet of thing on blynk application platform	Journal of electronics electromedical engineering and medical informatics	Vol-4 no-1	2022	ISSN: 2656-8632		http://jeecmi.org/index.php/jeecmi		

● **Resource persons:**

Sr. No	Staff Name	Date & Place	Details
	S.R.Kale	12/04/2022 - Nanded	Expert Lecture on Industrial Automation at Gramin Technical Campus Vishnupuri Nanded
	S.R.Kale	10/04/2022 to 13/04/2022- Nanded	Workshop on DCS (DeltaV) at SGGS Institute of engg. and Technology Nanded

● **Seminar/Workshops/Conference organized**

Sr. No	Department	Topic	Conducted by	Date	Funded by
1	Instrumentation	Workshop on LabView	Mr. Nagarajan G	14/2/2022-18/2/2022	College
2	Instrumentation	Three Day's workshop on "C and Python Programming basics to advance	Mr. Raj Chirputkar	2nd ,3rd &4th March2022	College
3	Instrumentation	Workshop on "Machine Learning using Python"	Mr. Tushar B. Kute, Data Scientist, MITU Research, Pune	01/02/2022 to 03/02/2022	AICTE under SPICES
4	Instrumentation	4 days workshop on "Report writing in LaTeX" for BE	Dr. V. V. Kale, Dr. A. A. Shinde	24, 25, 27, 28 Jan 2022	----

		Instrumentation students			
5	Instrumentation	3 days workshop on Industrial Automation (CSV)	S.R.Kale	22,23,24 March 2022	College

● **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	Technology Based Entrepreneurship Development Program	Teentarthkar Mahaveer University, Moradabad (NSTEDB, DST)	20/12/2021 to 1/2/2022
2	Instrumentation	Mrs. S.V.Kulkarni	Innovative Teaching Methods	RGCMS, New Mumbai	12/2/2022
3	Instrumentation	Mrs. S.V.Kulkarni	Syllabus Workshop on Internet of Things (Pattern 2019)	DYP, Akurdi	24/2/2022
4	Instrumentation	Mrs. S.V.Kulkarni	NPTEL-Effective Engineering Teaching in Practice	NPTEL-IIT Madras	January-February 2022
5	Instrumentation	Mrs. S.V.Kulkarni	IP Awareness Program	NIPAM	2/3/2022
6	Instrumentation	Mrs. S.V.Kulkarni	STTP-Project Based Learning	AISSMS College of Engineering, Pune	21/2/2022-26/2/2022
7	Instrumentation	Mrs. S.V.Kulkarni	Research Paper Writing	PDVVP COE Ahmednagar	12/3/2022
8	Instrumentation	Mrs. S.V.Kulkarni	Real Time Object Detection	MUSCAT College, Oman	24/3/2022
9	Instrumentation	Dr. A. A. Shinde	STTP-Project Based Learning	AISSMS College of Engineering, Pune	21/2/2022-26/2/2022

10	Instrumentation	Dr. A. A. Shinde	IP Awareness Program	National Intellectual Property Awareness Mission	2/3/2022
1	Instrumentation	Dr. A. A. Shinde	STTP-Machine Learning with Python	NITTR, Kolkatta	21/2/2022-25/2/2022
1	Instrumentation	C.D.Rananaware	IP Awareness Program	NIPAM India	02/03/2022
1	Instrumentation	C.D.Rananaware	Syllabus Workshop on Internet of Things(Pattern 2019)	DYP ,Akurdi	24/2/2022
1	Instrumentation	C.D.Rananaware	Real Time Object Detection	MUSCAT College, Oman	24/3/2022
1	Instrumentation	C.D.Rananaware	AICTE Incorporating UHV in Education Program	AICTE	8/4/2022 to 11/04/2022
1	Instrumentation	Dr. A. A. Shinde	One day workshop on Intellectual Property Rights	Terna College of Engineering, Osmanabad	26/04/2022
1	Instrumentation	Dr.V.V. Kale	STTP on “Introduction to python programming”	NITTR, Kolkatta	07/02/2022-11/02/2022
1	Instrumentation	Dr.V.V. Kale	STTP-Project Based Learning	AISSMS College of Engineering,Pune	21/2/2022-26/2/2022
1	Instrumentation	Dr.V.V. Kale	STTP-Machine Learning with Python	NITTR, Kolkatta	21/2/2022-25/2/2022
2	Instrumentation	Dr.V.V. Kale	FDP on “Computational statistics and big data analytics using python”	Department of Computer Engineering, AISSMS’s IOIT	07/03/2022 - 11/03/2022
2	Instrumentation	Dr.V.V. Kale	STTP on “Pattern recognition: Theory and applications”	NITTR, Kolkatta	21/03/2022 - 25/03/2022
2	Instrumentation	Dr.V.V. Kale	IP Awareness Program	National Intellectual Property Awareness Mission	2/3/2022

2	Instrumentation	Dr. Badri Narayan Mohapatra	One day workshop on Intellectual Property Rights	Terna College of Engineering, Osmanabad	26/04/2022
2	Instrumentation	Dr. Badri Narayan Mohapatra	Nirbhay Kanya	AISSMS IOIT	25/02/2022
2	Instrumentation	Dr. Badri Narayan Mohapatra	Short term training programme through ICT mode on Control system analysis and design with MATLAB	NITTTR Kolkata	17/01/2022 to 21/01/2022
2	Instrumentation	Dr. Badri Narayan Mohapatra	Short term training programme through ICT mode on Sensor Transducer and Signal conditioning	NITTTR Kolkata	7/02/2022 to 11/02/2022
2	Instrumentation	Dr. Badri Narayan Mohapatra	Coffee and conversation with alumni	AISSMS IOIT	20/01/2022
3	Instrumentation	Mr. H. P. Chaudhari	STTP on Sensor transducer and signal conditioning	NITTTR Kolkata	7/02/2022 to 11/02/2022
3	Instrumentation	Mr. H. P. Chaudhari	IP Awareness Program	National Intellectual Property Awareness Mission	2/3/2022
3	Instrumentation	Mr. H. P. Chaudhari	4 week NPTEL course on Teaching and Learning in Engineering	IISC Bangalore	24/01/2022 to 18/02/2022
3	Instrumentation	S.R.Kale	Real Time Object Detection	MUSCAT College, Oman	24/3/2022
3	Instrumentation	S.R.Kale	DeltaV 7009	Emerson Export Engg. Center Pune	6/12/2022 to 10/12/2022

5. Students Achievements –

I) Students Sports Activities

Branch	Names of the Students	The event in which Participated	State/National/International Level	Prizes /Medals Won
Instrumentation	Vaishnavi jagdhane	Kabaddi	Inter department sports	winner

Instrumentation	Supriya sayakar	Kabaddi	Inter department sports	winner
Instrumentation	Snehal Patvekar	Girls carom	Inter department sports	runnerup
Instrumentation	Pooja salunke	Kabaddi	Inter department sports	winner
Instrumentation	Shruti Jagade	Kabaddi	Inter department sports	winner
Instrumentation	Shruti Mohan	Kabaddi	Inter department sports	winner
Instrumentation	Snehal chandgude	Kabaddi	Inter department sports	winner
Instrumentation	Manisha Bhoje	Kabaddi	Inter department sports	winner
Instrumentation	Samrudhi chidrawar	Kabaddi	Inter department sports	winner
Instrumentation	Snehal Patvekar	Kabaddi	Inter department sports	winner
Instrumentation	Rohan Pawar	Kabaddi	Inter department sports	winner
Instrumentation	Chetan Shelar	Kabaddi	Inter department sports	winner
Instrumentation	Shubham deshmukh	Kabaddi	Inter department sports	winner
Instrumentation	Saurav Shinke	Kabaddi	Inter department sports	winner
Instrumentation	kedar bhame	Kabaddi	Inter department sports	winner
Instrumentation	Bhusan Thakre	Kabaddi	Inter department sports	winner
Instrumentation	Ashutosh Katkade	Kabaddi	Inter department sports	winner
Instrumentation	Anand jogdand	Kabaddi	Inter department sports	winner
Instrumentation	Akshaya Kadar	Kabaddi	Inter department sports	winner
Instrumentation	Rajvardhan Patil	Kabaddi	Inter department sports	winner

6. Industry institute Interaction:

- Industrial Visits -Students**

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	4/4/2022	S.E. , T.E.	Aerocircle Automation Pvt Ltd Pune	TE-30 SE-20	Mrs.S.V.Kulkarni/ Mr.H.P.Chaudhari, Dr.V.V.Kale, Dr.B.N.Mohapatra
2	4/4/2022	S.E. , T.E.	JJ precision industry project based research and manufacturing unit in robotics automation AI	SE 35 TE-30	Dr.B.N.Mohapatra Mrs.S.V.Kulkarni Mr.H.P.Chaudhari, Dr.V.V.Kale
3	07/04/2022	S.E., T.E., B.E.	Celestial Institute Of Technology	T.E.- 25 B.E - 15	S.R.Kale C.D.Rananaware

7. Professional Society Activities :**(Expert Lectures, Competitions, aptitude tests, etc)****Branch name:-----**(ISTE/CSI/IETE/IEEE etc. activities)

Sr. No.	Date	Activity Details Topic	Resource person/ Judge
ISA			
1	20/01/2022	Webinar on “ISA scholarship guidelines” for Instrumentation students.	Dr. V. V. Kale, AISSMS’s IOIT
2	24, 25, 27, 28 Jan 2022	4 days workshop on “Report writing in LaTeX” for BE Instrumentation students	Dr. V. V. Kale, Dr. A. A. Shinde
3	17/03/2022	Seminar on “Machine Learning Models”	Dr. A. A. Shinde

4	05/04/2022	Seminar on “Direct digital control”	Mr. H.P.Chaudhari
5	14/2/2022- 18/2/2022	Workshop on LabView	Mrs.S.V.Kulkarni Mr.H.P.Chaudhari
FSAI			
1	12/04/2022	Online quiz on “Fire and Security”	Dr. V. V. Kale
2	8/3/2022	Seminar on “ Demystifying IIOT”	Mrs.S.V.Kulkarni
ISTE			
1	17/03/2022	Seminar on “Data structure using python”	Mr. Murumkar Yogesh Prabhakar,Chief Executive Officer, Bharat Soft Solutions, Paud Rd, Pune- 411029

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 coordinator / Student Coordinator	No.Of Students
1	Instrumentation	8/3/2022	Expert lecture on”Demystifying IIOT”/T.E./	Mr.Sandeep Shroff	Mrs.S.V.Kulkarni	30
2	Instrumentation	17/3/2022	T.E.	Mr. Yogesh Murumkar	Dr. A. A. Shinde	20
3	Instrumentation	17/3/2022	Webinar on “Data structure using python” for S.E. class	Mr. Yogesh Murumkar	Dr.V.V.Kale	20

4	Instrumentation	05/04/2022	Expert lecture on Direct Digital Control for SE class	Mr. Somesh Thombare	Mr. H. P. Chaudhari	17
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10. NSS Events:

- No. of Students Enrolled
- No. of NSS camps held-
- Names of students who participated -
- Special work done by NSS students-
- Any Other Information

13. Media Coverage:



14. Event Photograph

- Sports
- Achievement
- NSS
- Industrial Visits



Industrial visit at Aerocircle Automation Pvt.Ltd, Pune for S.E. & T.E. Instrumentation students and Faculty members Mrs. S.V.Kulkarni Mr. H. P. Chaudhari, Dr. V. V. Kale, Dr. B.N. Mohapatra on dated 5/4/2022



Expert Lecture organized for T.E.Instrumentation students by Mr. Sandeep Shroff, CEO, Founder AUTOINTELL Services, Pune is organized in association with Fire & Security Association of India (FSAI) Professional body on dated 8/3/2022.



Industrial Visit At Celestial Institute of Technology pune for T.E. and B.E Students and Faculty Members S.R.Kale and C.D.Rananaware on Dated 07/04/2022.



Workshop on Industrial Automation (CSV) for T.E, and B.E students by Mr. Chandrakant Badgujar , LapCorp Scientech and Solution Pvt. Ltd. Pune on dated 22/04/2022 to 24/-4/2022 .It was Organized by Mr. S.R.Kale.



Expert lecture on 'Machine Learning Models' for T.E.Instrumentation students by Mr. Yogesh Murumkar, CEO, Bharat Soft Solutions, Pune, is organized in association with ISA Professional body on dated 17/3/2022.



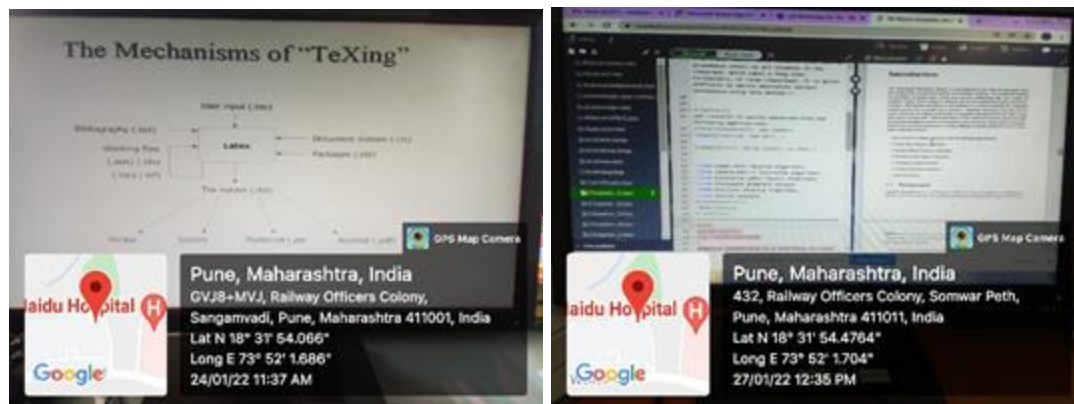
Expert lecture on “Data structure using python” conducted by Mr. Murumkar Yogesh Prabhakar, Chief Executive Officer, Bharat Soft Solutions, Pune on 17/03/2022. It was organized by Dr. V. V. Kale



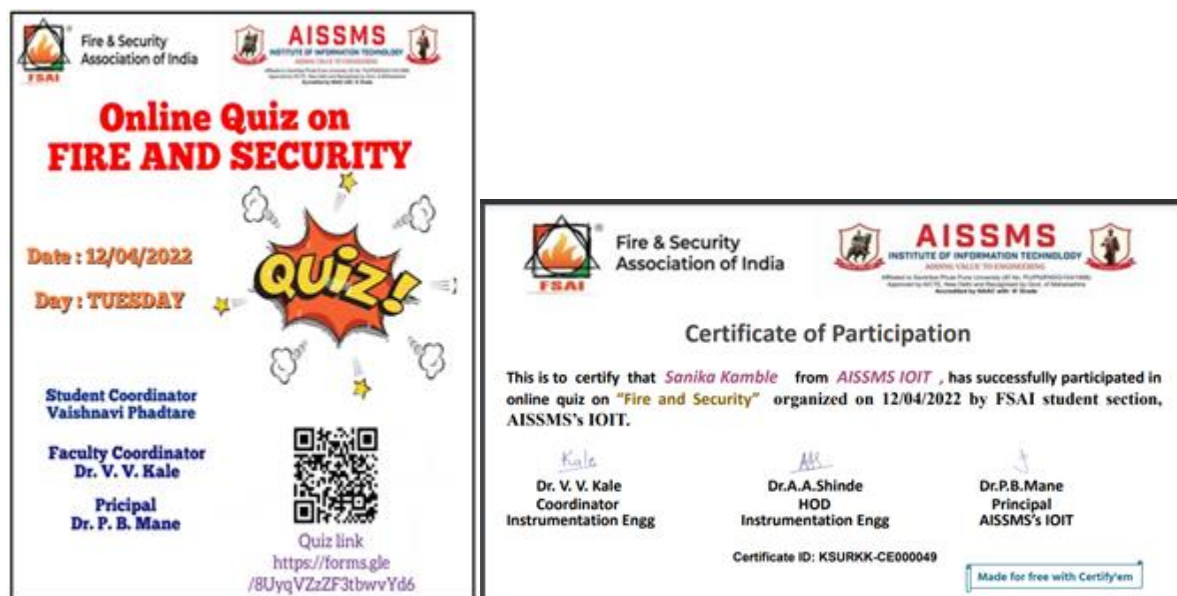
Webinar on “ISA Scholarship procedure guidelines” was conducted by Mr. Shivanshu Patil, President, AISSMS’s IOIT ISA student section and Dr. V.V.Kale on 20/01/2022



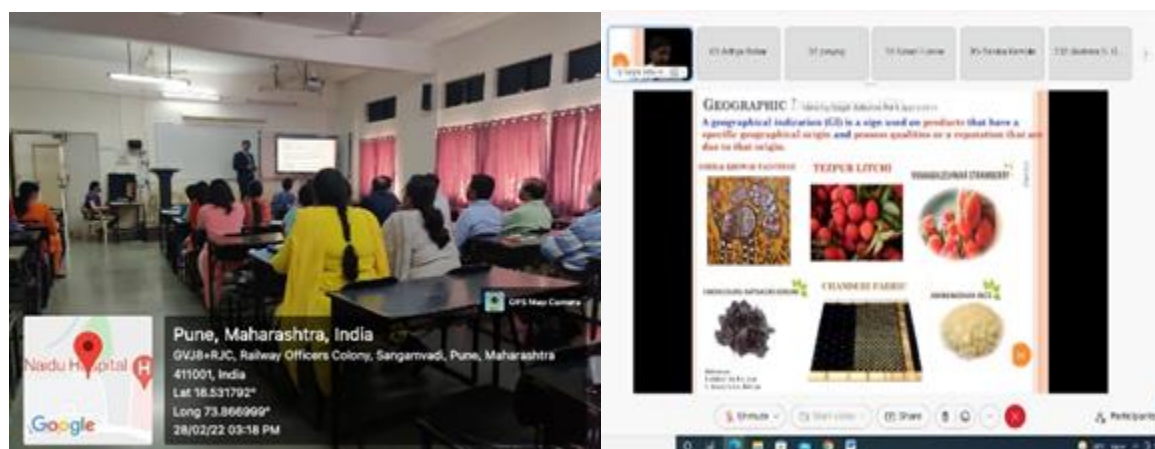
Expert lecture on “Direct digital control” conducted by Mr. Somesh Thombare, senior design engineer, Johnson Controls, Pune on 05/04/2022 for SE students for the subject, Process loop elements organized by Mr. H. P. Chaudhari



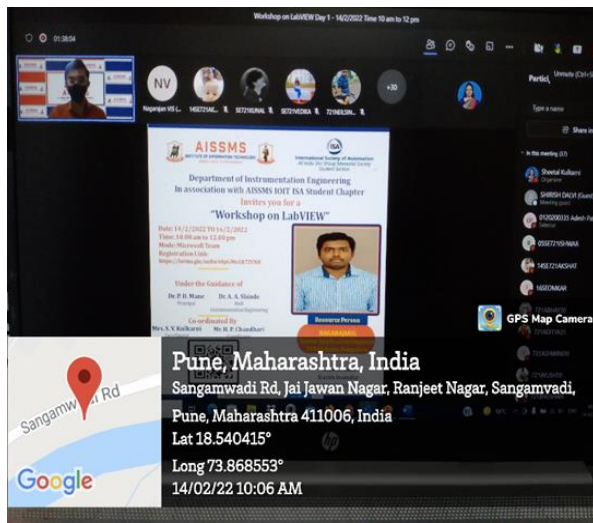
4 days workshop on “Report writing in LaTeX” was conducted by Dr. V. V. Kale, AISSMS’s IOIT for BE Instru students.



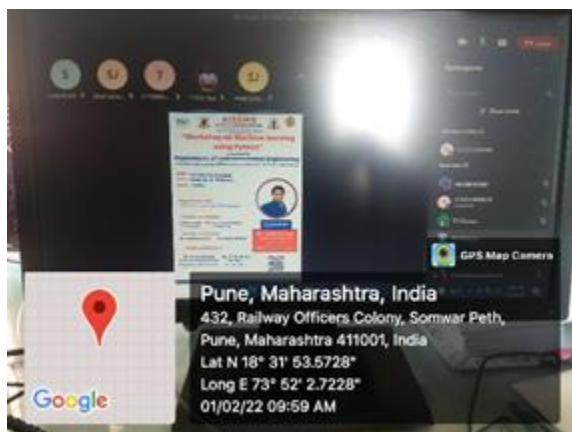
Online quiz on “Fire and Security” organised by Dr. V. V. Kale on 12/04/2022. 69 students of AISSMS’s IOIT participated in the quiz.



Two days workshop on Intellectual Property Right by Mr. Sagar Baburao Pol, Assistant Controller of Patents & Designs Patent Office, Mumbai on dated 28/2/2022 & 2/3/2022



AISSMS IOIT, Pune-Department of Instrumentation Engineering in association with AISSMS IOIT ISA Student Chapter organised workshop on LabVIEW on Dated 14/2/2022 to 18/2/2022. Mr. Nagrajan G. from VI Solutions Bangalore conducted the session and on each day he covered, Day 1: -LabVIEW installation & applications, Day 2: Lab view instructions, sum of two numbers, Day3: Program on Temperature display GUI, Industrial case study, Day4: Topic-Hands on session, loop concept, Day 5: DAC card interfacing with temperature sensor, workshop evaluation by Test. Total 82 participants attended workshop.



Workshop on “Machine Learning using Python” conducted by Mr. Tushar B. Kute, Data Scientist, MITU Research, Pune from 01/02/2022 to 03/02/2022. The workshop was organized by Dr. V.V .Kale and Dr.A.A.Shinde