



**Department of Instrumentation Engineering**

**HALF YEARLY REPORT 2022-23 (Sem- I)**

*(Duration – 01/06/2022 to 10/11/2022)*

**1) Academic Excellence Achieved:**

- **B.E. Examination results 2021-22 :**

Sr. No.	Name of the Department	Result
1	Instrumentation	81.08%

➤ **Campus Placement:**

- **List of companies visited campus:**

Sr.No	Department	Name Of the Company	No. of Eligible students
1	Instrumentation	Bristolcone	52
2	Instrumentation	Hexaware Technologies	49
3	Instrumentation	TCS	49
4	Instrumentation	Cognizant	49

5	Instrumentation	Johnson & Control	38
6	Instrumentation	Emerson	38
7	Instrumentation	Honeywell	38
8	Instrumentation	JIO Platform	58
9	Instrumentation	Capgemini	49
10	Instrumentation	L & T Infotech	49
11	Instrumentation	Qualitykiosk Technologies	30
12	Instrumentation	Coditas Technologies	32

- **Students placed for the academic year 2022-23:**

<b>Sr.No</b>	<b>Department</b>	<b>Name Of the Students</b>	<b>Name Of Company</b>	<b>No. of Eligible students</b>
1	Instrumentation	1) Rohan Pawar	Bristolcone	52
2	Instrumentation	1) Abhishek Sutawane 2) Harshad Mande 3) Jijnyasa Joshi	Hexaware Technologies	49
3	Instrumentation	1) Harshad Mande	TCS	49

4	Instrumentation	1) Rushikesh Ambawale 2) Jijnyasa Joshi 3) Shivani Moze 4) Abhishek Sutawane	Cognizant	49
5	Instrumentation	Rohan Pawar	Johnson & Control	38
6	Instrumentation	1) Vaishnavi Phadtare 2) Siddhi Sherkar 3) Samruddhi Chidrawar 4) Jijnyasa Joshi 5) Akankasha Patil 6) Rohan Pawar 7) Kaushal Aagashe 8) Maitrayee Bhongale 9) Pratiksha Chaudhari	Emerson	38
7	Instrumentation	1) Ashwini Chankhekar	L & T Infotech	49

• **Central T&P Activities Conducted in department.**

Sr.No.	Department	Name Of the Company	Training Activities
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1	Instrumentation	Barclays	Barclays connect with work Training Program
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• **Industrial Training**

Sr. No.	Department	Name Of the Company	Name Of the Students
1	Instrumentation	Virtuoso Projects & Engineers Pvt Ltd	Rohan Pawar
2	Instrumentation	College of Engineering Pune - Virtual Labs Project	1) Aditya Rege 2) Kaushal Agashe 3) Rutav Narkhede
3	Instrumentation	Maven Tech	1) Maitreyee Bhangale 2) Pratiksha Chaudhari

• **Industry Associated BE Projects [Project Coordinators]**

Sr.No	Department	Name Of the Company	Student Name
1	Instrumentation Engineering	Indian Meteorological Department	1)Ashwini Ajay Chanakhekar 2)Ashutosh Katkade

2	Instrumentation Engineering	Indian Meteorology Department,GRHX+RJF,University Road, Shivajinagar,Pune -411005	1) Yashodhan Satish Karekar 2) Pooja Mangesh Salunke
3	Instrumentation Engineering	Department of Instrumentation and Control, COEP	1) Rutav Narkhede 2) Kaushal Agashe 3) Aditya Rege
4	Instrumentation Engineering	Gomati Engineers	1) Faizan Anwar Sayed 2) Pranay Mankar 3) Shambhuraj Dipak Mane
5	Instrumentation Engineering	Orgate Automation	1) Atharva Dhawale 2) Shubham Nagarkar 3) Saad Patel
6	Instrumentation Engineering	CELESTIAL Institute of Technology	1) Sharath Nair 2) Akshay Bhapkar 3) Dnyaneshvar Aradwad
7	Instrumentation Engineering	VST Infotech	1) Shantanu Shinde 2) Aditya Patil 3) Abhishek Sanka

- **Training Placement Activities at the department level.**

Sr No.	Department	Activity	Date
1	Instrumentation	Mock Aptitude test	03/08/2022
2	Instrumentation	Barclays Training	01/08/2022 to 03/08/2022
3	Instrumentation	Career Opportunities through GATE Examination	16/08/2022
4	Instrumentation	Mock Interview	03/11/2022

## 2) Industry institute Interaction:

### •Industrial Visits –Students

Note: Please write down class & students' count

Sr. No	Department	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	Instrumentation	27/09/2022	B.E.	B&R Industrial Automation Pvt Ltd Pune	11	Mrs.S.V.Kulkarni
2	Instrumentation	03/11/2022	SE & BE	Griffyn Robotech Private Ltd. Pune	22	1) Dr. B.N. Mohapatra 2) Dr. V.V. Kale 3) Mrs C. D. Ranaware

## Faculty Members

Sr.No	Department	Date of visit	Company	No. of staff visited	Organized By
1	Instrumentation	6/10/2022 Faculty	Theta Measurement & Control Solution Pvt Ltd Pune	05	Department of Instrumentation Engineering
2	Instrumentation	27/10/2022 Faculty	Shree Kamali Sugar Factory , Karmala	01	-

## 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	27/9/2022	Remote Diagnostics, Commissioning and Simulation /BE/61	Mr.Surenda Lavate, Head- Business Development Industry and Education Network, B& R Industrial Automation Pvt Ltd Pune	Mrs.S.V.Kulkarni

2	Instrumentation	30/09/2022	Topic: Automotive sensors Class: BE No. of students: 53	Mrs. Vrushali Deodhar, Proposal Manager, TMCA Pvt. Ltd. Pune	Mr. H. P. Chaudhari
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- **Students' Journal Publication:**

**Paper publication in /National/International Seminars/Conferences**

**Note:-Please write down the complete journal name**

Sr. No.	Department	Name of the Student	Title of the Paper	Name of the Journal	Vol .	Pg. No .	Year	ISS N No.	Impact Factor	URL	UGC Approved (Yes /No)
1	Instrumntation	1)Supriya Saykar, 2)Snehal Patvekar, 3) Sourav Shirke	Analysis of Medical Images using Osirix Software	International Journal of All Research Education and Scientific Methods (IJARE SM)	10	55 7- 56 2	2022	2455 - 6211	7.429	http://www.ijaresm.com/uploaded_files/document_file/MS_Supriya_Saykar_Ri34.pdf	Yes

2	Instr ume ntati on	1) Pritesh V. Deshmuk h, 2) Aniket Satpute	Deaf - Blind Comm unicati on Using IOT	Journal of Emergin g Technol ogies and Innovati ve Researc h	9	27 4- 28 0	2022	2349 - 5162	7.95	<a href="http://www.je&lt;br/&gt;tir.org/p&lt;br/&gt;ape&lt;br/&gt;rs/J&lt;br/&gt;ETI&lt;br/&gt;R22&lt;br/&gt;076&lt;br/&gt;40">http s:// ww w.je tir.o rg/p ape rs/J ETI R22 076 40</a>	Yes
3	Instr ume ntati on	1) Yukta Soman, 2) Sujit Jadhav, 3) Satyaji t Gaikwad	Study On Digital Twin (Dt) And Box Lift Mecha nism Using Dt	Wesleya nJournal ofResea rch	46	17 94- 20 0	2022	NA	NA	NA	Yes

4	Instru menta tion	1) Kajal Talele , 2) Anis Iqbal mullani, 3) Suraj Shelke	Review On IOT Based Industrial Parameters monitoring and Controlling System	IJCRT	10		May 2022	2320 - 2882	7.97	NA	Yes
5	Instr ume ntati on	1) Anis Mulani, 2) Suraj Shelke, 3) Kajal Talele	IOT Based Industrial Parameters Monitoring	Wesleyan Journal of Research	46	15 8- 16 0	2022	NA	NA	NA	Yes

6	Instr ume ntati on	1) Pranali Parab, 2) Amey Deshpand e, 3) Sampa da Taware	Assess ment of Heart Rate and Lung Capaci ty with EKG Sensor and Spiro meter Using Lab VIEW	Internati onal Journal of All Research h Educati on and Scientifi c Methods (IJARE SM),	10	54 4 to5 54	Octo ber- 2022	2455 - 6211	7.429	http ://w ww. ijar esm .co m/u plo ade d_fi les/ doc um ent _fil e/Pr anal i_P ara b,en sp.p df	Yes
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7	Instr ume ntati on	Neha Rakesh Dhor	Design ing of fermen ter and its utilizat ion in food industr y	Internati onal Journal of All Researc h Educati on and Scientifi c Methods (IJARE SM),	10	20 80 to 20 85	Aug ust- 2022	2455 - 6211	7.429	http ://w ww. ijar esm .co m/d esig nin g- of- fer me nter - and -its- utili zati on- in- foo d- ind ustr ies	yes
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8	Instr ume ntati on	1) Prajwa l Suram  2) Sachin Gawande  3) Abhijit Sonawane	Integra ted safety detecti on transp ortatio n for defenc e	Internati onal Journal of All Researc h Educati on and Scientifi c Methods (IJARE SM),	10	14 51- 14 55	Sept emb er20 22	2455 - 6211	7.429	http ://w ww. ijar esm .co m/s earc h?x =0 &y =0 &k eyw ord 2=p raj wal	yes
9	Instr ume ntati on	Isha kulkarni	Stride detecti on and trackin g	Wesleya nJournal of Resea rch	46	17 0 to 17 7	2022	NA	NA	NA	Yes
10	Instr ume ntati on		Spying Robot	Wesleyan Journal of Research	Vol 46, No. 4(2)	—	2022	0975 - 1386	6.7	—	UGC

11	Instr ume ntati on		Real Time Face and Liveness Detection for Bank Locker Security using machine learning	Wesleyan Journal of Research	Vol 46, No. 4(2)	–	2022	0975 - 1386	6.7	–	UGC
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### 3) Professional Society Activities :

(Expert Lectures, Competitions, aptitude tests, etc)

Sr. No.	Department	Description of event	Date	Resource person (Organization)	Participation details (Class with numbers)
ISA					
1	Instrumentati on	Seminar on “Regulated power supply design”	21/09/2022	Dr. V. V. Kale, AISSMS’s IOIT	SE=15

2	Instrumentation	Seminar on “Industry 4.0”	30/08/2022	Mr. Rahul Arrarwal, Capgemini, Pune	SE=09  TE=25  BE=07
3	Instrumentation	Seminar on “Introduction to ISA”	20/09/2022	Student members, AISSMS’s IOIT ISA section,  Dr. V. V. Kale, AISSMS’s IOIT	SE=11  TE=29
4	Instrumentation	Virtual visit to “K- Star Plastics” Industry	20/10/2022	Mr. Abhishek Kadam, K-Star Plastics	SE=05  TE=14  BE=12
6	Instrumentation	Workshop on “Power Lab”	16/9/2022	Mr. V. Ben Samuel, AD Instruments, Bangalore	SE=14  TE=06  BE=08
7	Instrumentation	Seminar on ”Remote Diagnostics, Commissioning and Simulation”	27/09/2022	Mr.Surendra Lavate,Head- Business Development Industry & Education Network,B & R Industrial Automation Pvt. Ltd Mumbai	TE=27  BE=34
ISTE					

1	Instrumentation	Workshop on “Component testing”	10/10/2022 to 14/10/2022	Mr. Sahil Bedre, Sr. Application Engineer, Johnson Controls.	SE=16
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**Branch name :( ISTE/IETE/IEEE/CSI etc. activities)**

#### 4) Student Association Activities-

Sr. No.	Department	Activity Details Topic with class & students’ count	Date	Organizer/ Staff Co coordinator / Student Coordinator
1	Instrumentation	Technogem - Quiz competition BE,TE,SE count-24	02/09/2022	Aditya rege
2	Instrumentation	coding titans BE,TE,SE count- 17	03/09/2022	Unmesh Sonawane
3	Instrumentation	Runtime Terror BE,TE,SE count-12	03/09/2022	Unmesh Sonawane
4	Instrumentation	Technical debate BE,TE,SE count-6	02/09/2022	Kaushal agashe
5	Instrumentation	Project Presentation competition BE,TE,SE count-3	02/09/2022	Abhishek Sutwane

#### 5) 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

#### 6) IPC report

<b>Sr. No</b>	<b>Department</b>	<b>Activity</b>	<b>Activity Details</b> [Date of activity, Coordinators, Class, No of participants? any other relevant details]
	Instrumentation	Guest Lecture organized under International Partnership Cell	07/09/2022, Class: SE & TE of Comp, IT and AI&DS, 125, Ms. Sharmila Garthe

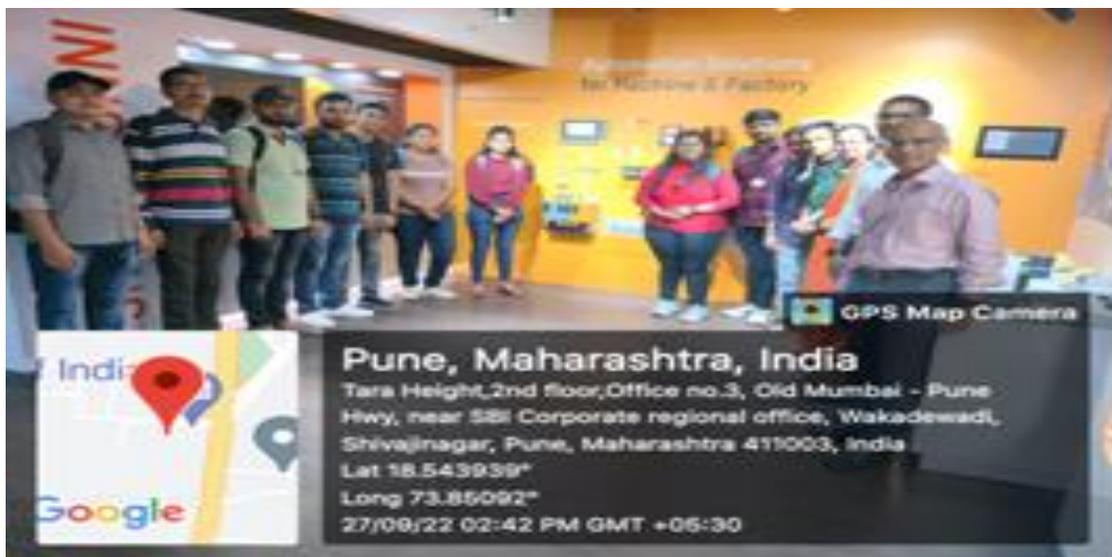
#### 7) IIDEC report

<b>Sr.No</b>	<b>Department</b>	<b>Activity</b>	<b>Activity Details</b> [Date of activity, Coordinators, Class, No of participants,any other relevant details]
1	Instrumentation	Intellectual Property Rights & Patents and Design filing	6/7/2022, Class: FE, SE 200 Mrs.S.V.Kulkarni

#### 8) Event Photograph

- **Sports**

- **Achievement**
- **NSS**
- **Industrial Visits**
- Expert Lectures**
- IPC events**
- IIDEC events**
- Any other relevant activities**



AISSMS IOIT, Department of Instrumentation Engineering organized Industrial Visit at B & R Industrial Automation Pvt Ltd Pune, on dated 27/9/2022. During visit Mr. Surendra Lavate(Head-Business Development Industry & Education Network) and Mr. Hatim A Patrawala (Engineer-Business Development & Education Network)guided the students. Visit coordinated by Mrs. S. V. Kulkarni and attended by BE Instrumentation Engineering students.





AISSMS IOIT, Department of Instrumentation Engineering organized Industry Talk by Mr. Surendra Lavate (Head-Business & Development and Education Network, B & R Industrial Automation Pvt.Ltd.,Mumbai) on topic "Remote Diagnostics, Commissioning and Simulation" for the subject Wireless Sensor Network on dated 27/9/2022 and session coordinated by Mrs. S. V. Kulkarni and attended by B.E. Instrumentation Engineering students under ISA student section.

Department of Instrumentation Engineering organized Techno-Social visit at Bal Kalyan Sanstha, Pune on dated 22/9/2022 with SE,TE, BE Instrumentation Engineering students and Dr. A. A. Shinde, Mr. H. P. Chaudhari, Dr. V. V. Kale , Mrs. S. V. Kulkarni, Dr. B. N. Mohapatra attended the visit.





GPS Map Camera

**Pune, Maharashtra, India**  
 Balkalyan Sanstha, Aundh Road, Next to Raj Bhavan,  
 Armament Colony, Ganeshkhind, Pune, Maharashtra  
 411007, India  
 Lat 18.548337°  
 Long 73.822994°  
 22/09/22 11:27 AM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 Balkalyan Sanstha, Aundh Road, Next to Raj Bhavan,  
 Armament Colony, Ganeshkhind, Pune, Maharashtra  
 411007, India  
 Lat 18.548445°  
 Long 73.822793°  
 22/09/22 11:30 AM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 Balkalyan Sanstha, Aundh Road, Next to Raj Bhavan,  
 Armament Colony, Ganeshkhind, Pune, Maharashtra  
 411007, India  
 Lat 18.548253°  
 Long 73.822952°  
 22/09/22 11:40 AM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 Apangh Balkalyan Sanstha, Armament Colony,  
 Ganeshkhind, Pune, Maharashtra 411007, India  
 Lat 18.548505°  
 Long 73.823262°  
 22/09/22 12:14 PM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 GVJ8+MVJ, Railway Officers Colony,  
 Sangamvadi, Pune, Maharashtra 411001, India  
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 Long 73.867094°  
 16/09/22 11:06 AM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 GVJ8+MVJ, Railway Officers Colony,  
 Sangamvadi, Pune, Maharashtra 411001, India  
 Lat 18.531803°  
 Long 73.8671°  
 16/09/22 11:05 AM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 GVJ8+MVJ, Railway Officers Colony,  
 Sangamvadi, Pune, Maharashtra 411001, India  
 Lat 18.531787°  
 Long 73.867088°  
 16/09/22 11:13 AM GMT +05:30



GPS Map Camera

**Pune, Maharashtra, India**  
 GVJ8+MVJ, Railway Officers Colony,  
 Sangamvadi, Pune, Maharashtra 411001, India  
 Lat 18.531778°  
 Long 73.867087°  
 16/09/22 11:14 AM GMT +05:30

Department of Instrumentation Engineering organized workshop on Power Lab on dated 16/9/2022 under ISA student section



Department of Instrumentation Engineering organized Industrial Visit at Theta Measurement and Control Solutions Pvt. Ltd, Pune on dated 6/10/2022 .The visit attended by Dr. A. A. Shinde, Mr. H. P. Chaudhari, Dr. V. V. Kale , Mrs. S. V. Kulkarni, Dr. B. N. Mohapatra



Department of Instrumentation Engineering Organized Parent Teacher Meet 2022-23 on dated 12/10/2022.



The Department of Instrumentation Engineering had organized a workshop on “Component testing” from 10/10/2022 to 14/10/2022 for SE students under ISTE student section. The workshop was conducted by Mr. Sahil Bedre, Johnson Controls, Pune. It was coordinated by Dr. V. V. Kale and Mrs. C.D. Rananaware.



Sumeet Saibi, President AISSMS’s IOIT ISA Student Section, introducing the International Society of Automation (ISA) Student section to SE and TE students on 20/09/2022. He was accompanied by ISA student members.



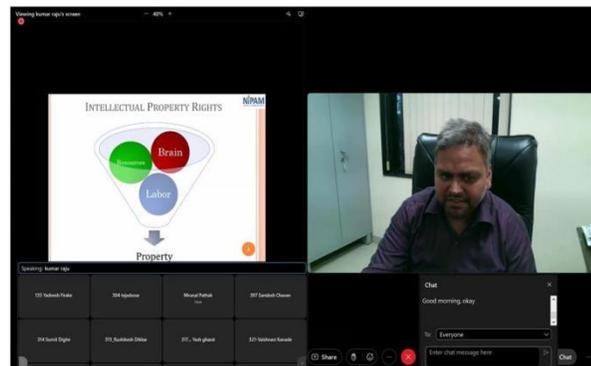
The Department of Instrumentation Engineering had organized a virtual Industrial visit to “K-Star Plastics”, Shirwal, Satara on 20/10//2022 for SE, TE, BE students under ISA student section. It was coordinated by Dr. V. V. Kale.



The Department of Instrumentation Engineering had organized a seminar on ”Industry 4.0” on 30/08//2022 under ISA student section. It was conducted by Mr. Rahul Aggarwal, Consultant. It was coordinated by Dr. V. V. Kale.



Seminar on “Regulated power supply design” was conducted by Dr. V.V.Kale for SE students on 21/09/2022 under ISA student section.







Guest Lecture organized under International Partnership Cell. Title of the topic covered: Detecting and Measuring the Polarization Effects of Botnets on Twitter. SE & TE of Comp, IT and AI&DS, Date: 07/09/2022.



**Department of Instrumentation Engineering**

**HALF YEARLY REPORT 2022-23 (Sem- II)**

*(Duration – 11/11/2022 to 21/04/2023)*

**1) Infrastructure Development:**

- **Up-gradation of Laboratories:**

Sr. No.	Name of the Department	Amount (Rs.)
01	-Instrumentation Engineering (Consumables)	- Rs.41,110.00

**2) Academic Excellence Achieved:**

- **B.E. Examination results 2021-22 :**

Sr. No.	Name of the Department	Result
1	Instrumentation	81.08%

➤ **Campus Placement:**

- **List of companies visited campus:**

<b>Sr.No</b>	<b>Department</b>	<b>Name Of the Company</b>	<b>No. of Eligible students</b>
1	Instrumentation	Emerson Export Engineering Center Pune	49
2	Instrumentation	Hexaware	36
3	Instrumentation	TechLogs Automation Pvt Ltd.	61
4	Instrumentation	Trimasys control solution pvt ltd	42
5	Instrumentation	Cognizant	36
6	Instrumentation	L& T	23
7	Instrumentation	AMIGO	49
8	Instrumentation	FACEPrep	10
9	Instrumentation	Thermax	41

10	Instrumentation	Jio Platform	38
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• **Students placed for the academic year 2022-23:**

<b>Sr.No</b>	<b>Department</b>	<b>Name Of the Students</b>	<b>Name Of Company</b>	<b>No. of Eligible students</b>
1	Instrumentation	1) Siddhi Sherkar 2) Jijnyasa Joshi 3) Aakanksha Patil 4) Vaishanvi Phadtare 5) Samruddhi Chidrawar 6) Kaushal Agashe 7) Rohan Pawar 8) Pratiksha Chaudhar 9) Bhangale Maitreyee Devendra	Emerson Export Engineering Center Pune	49

2	Instrumentation	1) Harshad Mande 2) Sutwane Abhishek Vijay	Hexaware	36
3	Instrumentation	1) Patil Labhesh Laxman 2) Bhosale Harsh Shahaji 3) Katkade Ashutosh Santu 4) Narkhede Rutav Nandkishor 5) Saibi Sumeet Shrinivas 6) Vedant Shrinivas Dusa 7) Aditya ratnakar Rege 8) Snehal Sursh Chandgude	TechLogs Automation Pvt Ltd.	61

4	Instrumentation	1) Saibi Sumeet Shrinivas 2) Aditya ratnakar Rege	Trimasys control solution pvt ltd	42
5	Instrumentation	1) Ambawale Rushikesh Rajendra 2) Moze Shivani Sudhir	Cognizant	36
6	Instrumentation	1) Chanakheka r Ashwini Ajay	L& T	23
7	Instrumentation	1) Barwade Neilsingh Nitin 2) Raut Shreyash Deepak 3) Akshay Balaso Bhapkar	AMIGO	49

8	Instrumentation	1) Rohan Pawar	BRISTALCONE	12
9	Instrumentation	Aditi wathe	FACEPrep.	10

• **Central T&P Activities Conducted in department.**

Sr.No.	Department	Name Of the Company	Training Activities
1	Instrumentation	Barclays Training	Resume build, mock interview, Life skill

• **Industrial Training**

Sr. No.	Department	Name Of the Company	Name Of the Students
1	Instrumentation	Virtuoso Projects & Engineers Pvt Ltd	Rohan Pawar
2	Instrumentation	College of Engineering Pune - Virtual Labs Project	1) Aditya Rege 2) Kaushal Agashe 3) Rutav Narkhede

3	Instrumentation	Maven Tech	1) Maitreyee Bhangale 2) Pratiksha Chaudhari
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• **Industry Associated BE Projects [Project Coordinators]**

Sr.No	Department	Name Of the Company	Student Name
1	Instrumentation Engineering	Indian Meteorological Department	1)Ashwini Ajay Chanakhekar 2)Ashutosh Katkade
2	Instrumentation Engineering	Indian Meteorology Department,GRHX+RJF,University Road, Shivajinagar,Pune -411005	1) Yashodhan Satish Karekar 2) Pooja Mangesh Salunke
3	Instrumentation Engineering	Department of Instrumentation and Control, COEP	1) Rutav Narkhede 2) Kaushal Agashe 3) Aditya Rege
4	Instrumentation Engineering	Gomati Engineers	1) Faizan Anwar Sayed 2) Pranay Mankar 3) Shambhuraj Dipak Mane
5	Instrumentation Engineering	Orgate Automation	1) Atharva Dhawale 2) Shubham Nagarkar

			3) Saad Patel
6	Instrumentation Engineering	CELESTIAL Institute of Technology	1) Sharath Nair 2) Akshay Bhapkar 3) Dnyaneshvar Aradwad
7	Instrumentation Engineering	VST Infotech	1) Shantanu Shinde 2) Aditya Patil 3) Abhishek Sanka
8	Instrumentation Engineering	CELESTIAL Institute of Technology	1. Sambhaji Vibhute 2. Yuvraj Sawant

- **Training Placement Activities at the department level.**

Sr No.	Department	Activity	Date
1	Instrumentation	Mock Interview	17/03/2023
2	Instrumentation	Visit to iASYS Hinjewadi	25/04/2023

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

<b>Sr. No.</b>	<b>Department</b>	<b>Name of Staff</b>	<b>Event</b>	<b>Organized by</b>	<b>Date and Event</b>
1	Instrumentation	Mrs. G.S.Khadtare	FDP on PLC and LABVIEW	NITTTR	12/12/2022 to 16/01/2023
2	Instrumentation	Mrs. G.S.Khadtare	Workshop on National Credit Framework	NITTTR	03/03/2023
3	Instrumentation	Mrs. G.S.Khadtare	FDP on Introduction to Machine Learning and Deep Learning	NITTTR	27/03/2023 to 31/03/2023

#### 4. Industry institute Interaction:

- **Industrial Visits –Students**

Note: Please write down class & students' count

<b>Sr. No</b>	<b>Department</b>	<b>Date of Visit</b>	<b>Class</b>	<b>Company</b>	<b>No of Students Visited</b>	<b>Organized by/Attended by</b>
1	Instrumentation	13/03/2023	SE & TE	<b>I Robotic Innovative Solutions</b>	SE- 34 TE- 10	Dr. B. N. Mohapatra  Mrs. Chitralekha Rananaware
2	Instrumentation	25/04/2023	TE	iASYS , Hinjewadi	TE- 08	Mrs. Chitralekha Rananaware

## Faculty Members

Sr.No	Department	Date of visit	Company	No. of staff visited	Organized By
1	Instrumentation	24/04/2023	Johnson Control	02	Johnson Control
2	Instrumentation	24/12/2023	Celestial Institute of tech. LLP Pune	01	Celestial Institute of tech. LLP Pune
3	Instrumentation	14/02/2023	SVR Infotech, Pune	02	SVR Infotech
4	Instrumentation	27/12/2022	BIT Electronics , Baramati	01	BIT Electronics , Baramati

## Expert Lectures:-

Note: Please write down class & students' count.

Sr. No	Department	Class	Date	Activity Details  Topic with class & students' count	No of students	Speaker/ Judge	Organizer/ Staff Co coordinator / Student Coordinator
1	Instrumentation	TE	13/03/2023	Introduction to Internet of Things and its usecases	30	Mr.Sandee p Shroff	Mrs.S.V.Kulkarni

2	Instrumentation	SE	6/12/2022	Working modes and applications of Timer IC	40	Mr. Sahil Bedre	Dr. Mrs. V. V. Kale
3	Instrumentation	SE	22/11/22	Practical aspects in instruments characteristics and calibration	35	Mr. S. N. Rishi	Mr. H. P. Chaudhari
4	Instrumentation	TE	21/9/2022	Tableau dashboard	35	Mr. Yoghesh Murumkar	Dr. Mrs. A. A. Shinde
5	Instrumentation	BE	30/9/2022	Automotive sensors/transducers	53	Mrs. Vrushali Deodhar	Mr. H. P. Chaudhari
6	Instrumentation	TE and BE	17/03/2023	Instrumentation Control & Industrial Electronics Engineer	37	Mr. Nilesh Vispute	Mr. S. R. Kale

### 5. Students Achievements --

<b>Sr. No.</b>	<b>Department</b>	<b>Names of the Students</b>	<b>Event in which Participated</b>	<b>State/National/International Level</b>	<b>Prizes/Medals Won</b>
1	Instrumentation	1)Vedant Dusa 2)Shreyash Raut 3)Rushikesh Thorat	Project Competition	State	-

• **Students' Journal Publication:**

**Paper publication in /National/International Seminars/Conferences**

**Note:-Please write down the complete journal name**

Sr. No.	Department	Name of the Student	Title of the Paper	Name of the Journal	Vol .	Pg. No .	Year	ISS N No.	Impact Factor	URL	UGC Approved (Yes /No)
1	Instr ume ntati on	1) Vedant Dusa 2)Shreyash Raut 3)Rushikes h Thorat	Review of "COMBAT SOLDIER ASSISTANCE ROVER : ENHANCING MILITARY CAPABILITIES WITH UNMANNED GROUND VEHICLES"	IJCRT	11	29 1- 29 4	2022 -23	2320 - 2882	7.97	<a href="http://ijcrt.org/viewfull.php?&amp;p_id=IJCR T23 047 94">http://ijcrt.org/viewfull.php?&amp;p_id=IJCR T23 047 94</a>	Yes

2	Instrumentation	1)Harsh bhosale 2)Vishal Bansode 3)Rushikesh Ambavale	REVIEW OF FIRE FIGHTING ROBOT: ENHANCING HOME SAFETY”	IJCRT	11	94 5- 94 7	2023	2320 - 2882	7.97	http://ijcrt.org/viewfull.php?&p_id=IJCR T23 048 84	Yes
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## 6. Professional Society Activities :

(Expert Lectures, Competitions, aptitude tests, etc)

Sr. No.	Department	Description of event	Date	Resource person (Organization)	Participation details (Class with numbers)
ISA					
1	Instrumentation	Workshop on “Applications of LabVIEW in Automation”	6/3/2023 to 10/3/2023	Mr. Nachiket Modak, Mrs. Rajashri Dhamal, Mr. Amol Bhagat, TMCS, Pune	TE-40

2	Instrumentation	Workshop on “Big data analytics using Python and Power BI”	6/3/2023 to 10/3/2023	Mr. Yogesh Murumkar, Bharat Soft Solutions, Pune	TE=30
3	Instrumentation	Expert lecture”Applications of IOT & it’s usecase”	13/03/2023	Mr. Sandeep Shroff,AUTOINTELL Services, Pune	TE-30
4	Instrumentation	Hands on workshop” Biomedical Instruments”	28/03/2023	Mrs.Vaishnavi Banke,Medifacts inc, Pune	SE-40 TE-18
5	Instrumentation	Project Competition cum Exhibition	28/04/2023	Mr. M. P. Gajare, Mr. R. N. Jadhav, Mr. G. H. Wani,  AISSMS IOIT	BE=30

#### 9. 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

## 12. IDEC report

Sr. No	Department	Activity	Activity Details [Date of activity, Coordinators, Class, No of participants, any other relevant details]
1	Instrumentation	IPR- Patents & Designs Filing	23/01/2023, Mrs.S.V.Kulkarni, 140
2	Instrumentation	Intellectual Property Awareness	26/4/2023, Mrs.S.V.Kulkarni, 153

## 14. Event Photograph

- **Sports**
- **Achievement**
- **NSS**
- **Industrial Visits**

### Expert Lectures



**Expert lecture conducted by Mr. S. N. Rishi, scientist 'F' ETDC Pune on 22/11/2022 for SE class organised by Mr. H. P. Chaudhari**

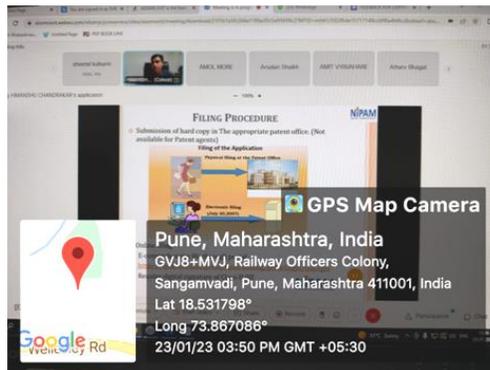


**Expert lecture conducted by Mrs. Vrushali Deodhar, Proposal manager, TMCS, Pune on  
30/09/2022 for BE class organised by Mr. H. P. Chaudhari**

IPC events

IIDEC events

Any other relevant activities



**Innovations, Incubation – Entrepreneurship Development Cell in association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Nagpur, organized workshop on, “IPR- Patents & Designs Filing” .The workshop conducted by Mr. Himanshu Chandrakar, Examiner of Patents & Designs, RGNIIPM, Nagpur on dated 23/01/2023. The workshop benefited for FE, SE, TE, BE students and faculty members.**





**Industry Talk by Mr. Sandeep Shroff, Founder, CEO, AUTOINTELL Services, Pune for Third year Instrumentation Engineering students, on topic “ Applications of IOT & it’s Usecase” on dated 13/03/2023.**



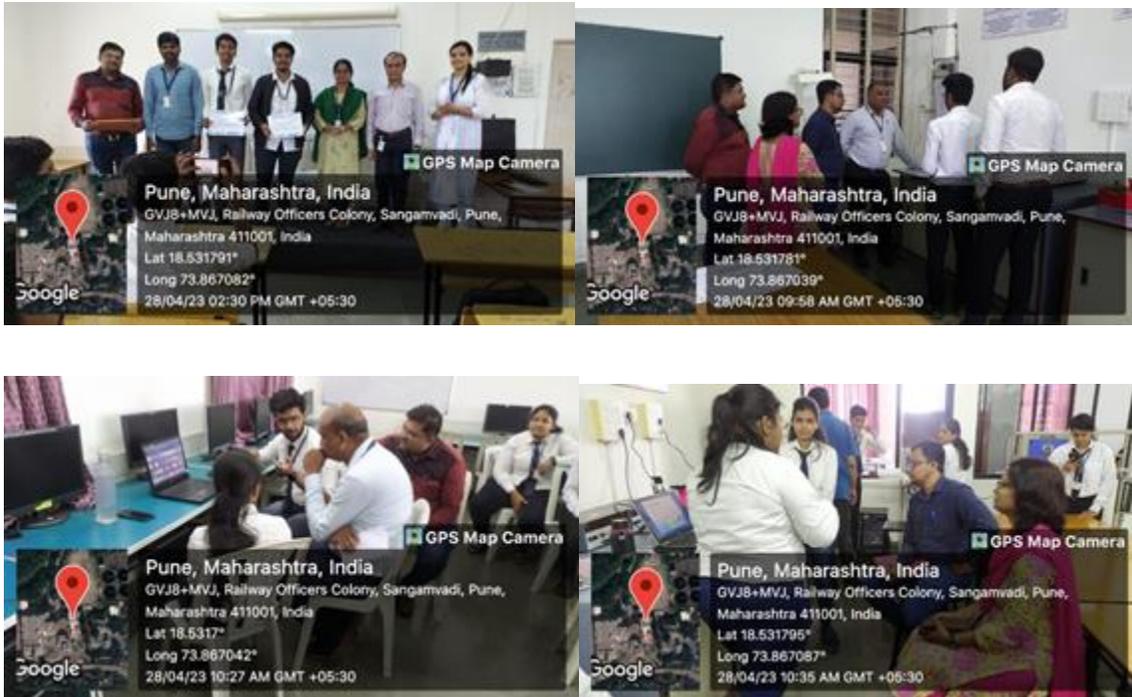
**Five Days Skill Development Hands-on Workshop “Applications of LabVIEW in Automation” for SE,TE,BE Instrumentation Engineering students during 06/03/2023 to 10/03/2023. The workshop conducted by Mr. Nachiket Modak, Co Founder, CEO, TMCS, Pune, Mrs. Rajashri Dhama, Senior Project Manager(LabVIEW), TMCS, Pune and Mr. Amol Bhagat, HR, TMCS,Pune. The workshop coordinated by Mrs. S. V. Kulkarni and Mr. H. P. Chudhari.**



**AISSMS Institute of Information Technology, Pune celebrated "World Intellectual Property Day" theme 'Accelerating Innovation and Creativity: Women and IP'. The session organized by 'Innovations Incubation- Entrepreneurship Development Cell' in association with Government of India, Ministry of Commerce & Industry, DPIIT, Office of the Controller General of Patents, Designs & Trademarks- on the topic "Intellectual Property Awareness"(Under National Intellectual Property Awareness Mission) which is conducted by Mr. Nilesh S. Patil, Examiner of Patents & Designs, Patent Office, Mumbai. More than 200+ participants benefited from the session. The session coordinated by Mrs.S.V.Kulkarni**



Workshop on “Big data analytics using Python and Power BI” was conducted by Mr. Yogesh Murumkar, Bharat Soft Solutions, pune from 06/03/2023 to 10/03/2023 for TE students. It was organised by Dr. A. A. Shinde.



Project Competition cum Exhibition conducted on 28/04/2023 for BE students. The projects were evaluated by Mr. M. P. Gajare, E & TC dept, Mr. R. N. Jadhav, E & TC dept, Mr. G. H. Wani, AIDS dept of AISSMS IOIT. The event was coordinated by Mr. S.R. Kale and Dr. V. V. Kale



**TECHNO HEALTH club organized Hands on workshop on “Biomedical Instruments” on dated 28/03/2023**



**S.E. Instrumentation Engineering ,Riya Pathan, Shruti Patil, Arman,Sakshi Bamne participated in project competition at MMIT Lohgaon**



**S.E. Instrumentation Engineering ,participated in project competition at D Y Patil Pimpri**



**S.E. Instrumentation Engineering , participated in project competition**



**Iot based Heart Rate Monitoring system, S.E. Instrumentation Engineering, participated in project competition**