

**Instrumentation and Control
2022-23 (Faculty Activities)**

Expert Lecture Arranged:

SN	Name of Guest	Name of the Company	Class	No. of Students	Date	Subject	Co-ordinated by
1	Mr. Balwant Godbole	Herdillia Chemicals Limited, Mumbai	SY, TY and Final Year	116	13 October 2022 1.00 pm	Expert Session on Virtual Site Visit to Process Industries	Dr. Swati Madhe
2	Dr. Gita Pendharkar	RMI, Australia	Third Year Students	45	8th Feb 2023 2 to 4 pm	Aspiring a better life with Innovative Technology	Dr. Nivedita Daimiwal
3	Mr. Shrikant Sahasrabudhe. CEO, Manas Microsystems Pvt. Ltd.	CEO, Manas Microsystems Pvt. Ltd.	ISA student Members and Third Year Students	26	21st February 2023 3.00 - 4.00 pm	Thermal Mass Flow Meters	Dr. Swati Madhe
4	Dr. Rohini Mudhalwadkar COEP, Pune	COEP, Pune	Third Year Students	60	17 March 2023 11am to 12 noon	Flue Gas Analyzers	Dr. Anagha Panditrao
5	Dr. Rohini Mudhalwadkar COEP, Pune	COEP, Pune	Final Year Students	32	17 March 2023 1.15 to 2.15 pm	Food Standards	Prof. Manisha Narawane
6	1. Mr Vaibhav Rautrao 2.Mr. Atul Kulkarni 3. Mr. Sandeep Palve 4. Ms. Swarna Shenoy	Worley India Pvt Ltd	Third Year Students	66	21 Apr 2023 10.30 am to 12	expert session on System Engineering and Management.	Dr. Vaishali Upadhye
7	Seema Katakkar,	Senior Manager, Dassault Systemes WW IT/IS Operations on Business Apps & Online Systems	Third Year Students	66	21 Apr 2023 12 to 1.15 pm	topic "MIS"	Dr. Nivedita Daimiwal
8	Dr. Sneha Thombare CCOEW, Pune	CCOEW, Pune	Secnd Year Students	38	5th May 2023 11.30am	Expert session on Internet QoS and Network Security	Prof. Sheetal Katwe
9	Mr.Nikumb Kalpak	ifm Engineering Private Limited Pune, India	Third Year Students	32	8 Oct 2022	IIOT	Prof. Pratima Kulkarni

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Workshop/ FDP/ STTP Attended :

Sr. No.	Name of Staff	Month and Year	Workshop/Seminar Details	Organized By	No. of Days	Workshop/ FDP/ STTP/ Course
1	Dr. Anagha Panditrao	Completed on 15 Aug 2022	Introduction to Business Analysis Using Spreadsheets: Basics	Coursera Project Network	2 Weeks	Course
2	Prof. Pratima Kulkarni	1 Aug 2022	Regional Meet	Institutions Innovation Council, MoE's Innovation Cell at Symbiosis International University, Pune	1Day	Regional Meet
3	Prof. Manisha Narwane	8-9 Oct 2022	Fundamentals of PLC and Programming using CODESYS 3.5 (IEC61131)	ifm Engineering private limited Pune, India and Department of Instrumentation and Control, CCOEW, Pune	2 Days	Workshop
4	Dr. Swati Madhe	8-9 Oct 2022	Fundamentals of PLC and Programming using CODESYS 3.5 (IEC61131)	ifm Engineering private limited Pune, India and Department of Instrumentation and Control, CCOEW, Pune	2 Days	Workshop
5	Dr. Vaishali Upadhye	8-9 Oct 2022	Fundamentals of PLC and Programming using CODESYS 3.5 (IEC61131)	ifm Engineering private limited Pune, India and Department of Instrumentation and Control, CCOEW, Pune	2 Days	Workshop
6	Prof. Pratima Kulkarni	24-29 Nov 2022	FDP on Wireless Communication Networks and its Applications	E & TC Dept. , Yashwantrao Chavan College of Engg., Nagpur Sponsored by IEEE Nagpur	6 Days	FDP
7	Dr. Dipali Ramdasi	24 - 29 Nov 2022	1 week FDP on "Wireless Communication Networks and its Applications"	Department of Electronics and Telecommunication Engineering, Yeshwantrao Chavan College of Engineering, Nagpur and Technically Sponsored by IEEE Nagpur Subsection.	1 Week	FDP
8	Dr. Anagha Panditrao	30 Nov- 1 Dec 2022	2 Days Faculty Development Program on "Adoption of NEP modules in Academic Curriculum"	organized by Department of Computer Science & Engineering, CUIET, Chitkara University, Punjab	2 Days	FDP
9	Prof. Manisha Narwane	11 Dec 2022	Data Analytics with Specialisation in Tableau Workshop	Jobaaj Learnings	1 week	Workshop
10	Dr. Vaishali Upadhye	19-24 Dec 2022	One week online STTP on " Smart Bharat: Applications of IoT in Multidisciplinary Domain."	The Department of Instrumentation Engineering, RAIT, Navi Mumbai	6 Days	STTP
11	Dr. Swati Madhe	19-24 Dec 2022	One week online STTP on " Smart Bharat: Applications of IoT in Multidisciplinary Domain."	The Department of Instrumentation Engineering, RAIT, Navi Mumbai	6 Days	STTP

12	Prof. Manisha Narwane	19-24 Dec 2022	One week online STTP on " Smart Bharat: Applications of IoT in Multidisciplinary Domain."	The Department of Instrumentation Engineering, RAIT, Navi Mumbai	6 Days	STTP
13	Prof. Manisha Narwane	Completed on Dec 2022	Free Online Course-Data Science Foundation	Great Learning Academy	1 week	Course
14	Prof. Manisha Narwane	26-30 Dec 2022	One Week National Level Online Faculty Development Program on Societal Applications of Machine Learning	Department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram.	1 Week	FDP
15	Dr. Vaishali Upadhye	26-30 Dec 2022	One Week National Level Online Faculty Development Program on Societal Applications of Machine Learning	Department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram.	1 Week	FDP
16	Prof. Manisha Narwane	12-19 Dec 2022	Seven day Virtual National Level Faculty Development Program on "RESEARCH METHODOLOGY"	Department of Commerce, PPG College of Arts and Science, Coimbatore	7 Days	FDP
17	Dr. Dipali Ramdasi	2-6 Jan 2023	ISTE approved one week STTP on "Trends and Challenges in Electric Vehicles"	Department of Electrical Engineering, ADCET, Ashta	1 Week	FDP
18	Prof. Pratima Kulkarni	2-6 Jan 2023	ISTE approved one week STTP on "Trends and Challenges in Electric Vehicles"	Department of Electrical Engineering, ADCET, Ashta	1 Week	FDP
19	Prof. Pratima Kulkarni	16-18 Feb 2023	Faculty Workshop on Ideation to Monetization	CCOEW, Pune	3 Days	Workshop
20	Prof. Manisha Narwane	Completed on 27 Feb 2023	Introduction to Artificial Intelligence	SkillUP	2 Weeks	Course
21	Dr. Vaishali Upadhye	20-25 Feb 2023	AICTE approved 1 week FDP on Implementation of Examination Reforms Policy of AICTE	D. Y. Patil COE, Akurdi	1 Week	FDP
22	Dr. Anagha Panditrao	20-25 Feb 2023	AICTE approved 1 week FDP on Implementation of Examination Reforms Policy of AICTE	D. Y. Patil COE, Akurdi	1 Week	FDP
23	Prof. Manisha Narwane	25th March, 2023.	5-days Hands-on WORKSHOP ON MACHINE LEARNING AND DEEP LEARNING USING MATLAB	CCOEW, Pune	5 Days	Workshop
24	Dr. Dipali Ramdasi	8th and 9th August 2023.	Implementation of Indian Knowledge System (IKS) for NEP 2020	COEP Technological University Pune and PVG's College of Engineering and Technology & G. K. Pate (Wani) Institute of Management, Pune	2 Days	Workshop
25	Prof. Sheetal Katwe	26-30 December 2022	One Week National Level Online Faculty Development Program on Societal Applications of Machine Learning	The department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram.	1 Week	FDP

26	Prof. Sheetal Katwe	11th February to 25th March, 2023.	5-days Hands-on WORKSHOP ON MACHINE LEARNING AND DEEP LEARNING USING MATLAB	Department of Computer Engineering, Cummins College of Engineering for Women, Pune, in association with ACMW, CSI Pune Chapter and Mathworks	5 Days	Workshop
27	Prof. Sheetal Katwe	12th - 19th December, 2022.	The Seven day Virtual National Level Faculty Development Program on "RESEARCH METHODOLOGY"	Department of Commerce, PPG College of Arts and Science, Coimbatore	7 Days	FDP
28	Prof. Sheetal Katwe	30th January-3rd February 2023	One Week Faculty Development Program on "Business Intelligence in Data Science"	D Y Patil School of Engineering, Pune	1 Week	FDP
29	Prof. Megha Galphade	23-28 Jan 2023	One Week STTP on "Recent Advances in Deep Learning & its Multidisciplinary Approach"	Department of Electronics and Telecommunication Engineering, Sinhgad College of Engineering, Pune-41	1 Week	STTP
30	Prof. Megha Galphade	30th January-3rd February 2023	One Week Faculty Development Program on "Business Intelligence in Data Science"	D Y Patil School of Engineering, Pune	1 Week	FDP
31	Prof. Megha Galphade	27-31 March 2023	One Week STTP on "Internet of Things and Its Applications"	Department of Computer Engineering, Bajaj Institute of Technology, Wardha	2 Week	STTP
32	Dr. Vaishali Upadhye	16-17 Feb 2023	SPPU-Two Days State Level QIP on MOOC's "Moocs: Massive Open Online Courses: Design Development and Usage in Academic Frame Work"	SPPU-QIP conducted at MKSSS's Bhanuben Nanavati College of Architecture for Women, Pune	2 Days	QIP
33	Dr. Swati Madhe	16-17 Feb 2023	SPPU-Two Days State Level QIP on MOOC's "Moocs: Massive Open Online Courses: Design Development and Usage in Academic Frame Work"	SPPU-QIP conducted at MKSSS's Bhanuben Nanavati College of Architecture for Women, Pune	2 Days	QIP
34	Prof. Manisha Narwane	16-17 Feb 2023	SPPU-Two Days State Level QIP on MOOC's "Moocs: Massive Open Online Courses: Design Development and Usage in Academic Frame Work"	SPPU-QIP conducted at MKSSS's Bhanuben Nanavati College of Architecture for Women, Pune	2 Days	QIP
35	Dr. Swati Madhe	11 - 25 March 2023	5-days Hands-on WORKSHOP ON MACHINE LEARNING AND DEEP LEARNING USING MATLAB	Department of Computer Engineering, Cummins College of Engineering for Women, Pune, in association with ACMW, CSI Pune Chapter and Mathworks	5 Days	Workshop
36	Dr. Revati Shriram	July- Oct 2022	Introduction to Industry4.0 and Industrial Internet of Things	NPTEL, Swayam, IIT Kharagpur	12 Weeks	Course
37	Dr. Revati Shriram	Jan-Mar 2023	Design, Technology and Innovation	NPTEL, Swayam, IIT Bombay	8 Weeks	Course
38	Dr. Revati Shriram	Jan-Apr 2023	Advanced Neural Science for Engineers	NPTEL, Swayam, IISC Bangalore	12 Weeks	Course

39	Dr. Revati Shriram	30 Nov- 1 Dec 2022	2 Days FDP on "Adoption of NEP modules in Academic Curriculam"	Department of Computer Science & Engineering, CUIET, Chitkara University, Punjab	2 Days	FDP
40	Dr. Revati Shriram	Issue Date: 28 Dec 2022	Innovation Ambassador (IA) training 'Advanced Level'	Ministry of Education, MoE's Innovation Cell, AICTE, Persistant	30 Hours	Training
41	Dr. Revati Shriram	16 Mar 2023	Workshop on "Design Thinking, Critical Thinking and Innovation Design"	CCOEW, Pune	1 Day	Workshop
42	Dr. Revati Shriram	16-18 Feb 2023	3 Days FDP on 'Ideation to Monetization'	CCOEW, Pune	3 Days	FDP
43	Dr. Revati Shriram	18 Mar 2023	National Intellectual Property Awareness Mission	Intellectual Property Office, Pune	1 Day	Workshop
44	Dr. Nivedita Daimiwal	Jan-Mar 2023	Design, Technology and Innovation	NPTEL, Swayam,IIT Bombay	8 Weeks	Course
45	Dr. Nivedita Daimiwal	Issue Date: 28 Dec 2022	Innovation Ambassador (IA) training 'Advanced Level'	Ministry of Education, MoE's Innovation Cell, AICTE, Persistant	30 Hours	Training
46	Dr. Nivedita Daimiwal	30 Jan-3 Feb 2023	1 Week FDP on Business Intelligence in Data Science	AJINKYA, D Y Patil Scool of Engineering	1 Week	FDP
47	Dr. Nivedita Daimiwal	12-16 Sep 2022	FDP on Recent Trends and Advances in Machine Learning	Electronics and ICT Academy, IIT, Roorkey	5 Days	FDP
48	Dr. Nivedita Daimiwal	16-18 Feb 2023	3 Days FDP on 'Ideation to Monetization'	CCOEW, Pune	3 Days	FDP
49	Dr. Nivedita Daimiwal	Jan-Apr 2023	Advanced Neural Science for Engineers	NPTEL, Swayam,IISC Bangalore	12 Weeks	Course
50	Prof. Y. G. Adhav	11 - 25 March 2023	5-days Hands-on WORKSHOP ON MACHINE LEARNING AND DEEP LEARNING USING MATLAB	Department of Computer Engineering, Cummins College of Engineering for Women, Pune, in association with ACMW, CSI Pune Chapter and Mathworks	5 Days	Workshop
51	Prof. H. T. Patil	17-21 April 2023	one week online FDP on Big Data and Analytics: Recent Trends , Tools and Technologies	Department of Computer Engineering, Cummins College of Engineering for Women, Pune	5 Days	FDP
52	Prof. H. T. Patil	24-28 April 2023	Building Management System	Johnson Control	5 Days	Training program

**Instrumentation and Control
2022-23 (Faculty Activities)**

Workshop Conducted/ Arranged by Faculty:

SN	Name of Resource Person	Class	Date & Venue	Subject	Co-ordinated by	No. of Students	Organized By
1	Dr.Atul Joshi, Dr. Dipali Ramdasi, Pratima Kulkarni	S. Y. B. Tech	1-5 Aug 2022 Embedded Systems Lab	Learning with Arduino' Workshop	Dr.Atul Joshi, Dr. Dipali Ramdasi, Pratima Kulkarni	9 Groups 27	Department of Instrumentation and Control, CCOEW, Pune
2	Experts from ifm Engineering private limited Pune, India	Final Year	8-9 Oct 2022 Process Lab	Advance PLC and Programming using CODESYS 3.5 (IEC61131)	Dr. Vaishali Upadhye, Dr. Swati Madhe, Prof. Manisha Narwane	32	ifm Engineering private limited Pune, India and Department of Instrumentation and Control, CCOEW, Pune
3	Prof. Manisha Narwane	F. Y. B. Tech S. Y. B. Tech	20- 21 April 2023, 3pm to 5pm DSP Lab and ESD Lab	Course on Industrial Networking Fundamentals	Prof. Manisha Narwane, Dr. Swati Madhe	26	Department of Instrumentation and Control, CCOEW, Pune, ISA and Automation Club, CCOEW, Pune

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Competition Conducted:

SN	Event Details	Date	Duration	Co-ordinated by
1	National Level Automation Quiz (Online Mode)	10-12 March 2023	3 Days	ISA (Faculty Co-ordinator-Dr. Swati Madhe)
2	Poster Competition and Exhibition	17 March 2023	1 Day	Automation Club &ISA (Faculty Co-ordinator-

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Industrial Visit

SN	Visit Place	Class	Date	Duration	Co-ordinated by
1	Shree Dutt Pvt. Ltd., Sakharwadi	T. Y. B. Tech	15 Nov 2022	1 Day	Dr. A. K. Joshi Prof. Y. G. Adhav
2	Electronet company, Pune	ISA Students and Honour Course Student	18 Nov 2022	1 Day	Dr. A. K. Joshi Dr. Swati Madhe Prof. Y. G. Adhav
3	Mikro company, Pune	Honour Course Student	18 Nov 2022	1 Day	Dr. A. K. Joshi Dr. Swati Madhe Prof. Y. G. Adhav
4	Privhi Chemical, Mahad	Final Year	5-6 Dec 2022	2 Days	Dr. A. K. Joshi Prof. Y. G. Adhav
5	R&DE(Engrs) is organizing an open day exhibition to display all advanced engineering related equipment/ technologies at Research & development Establishment (Engineers) Residential Colony, Dighi, Pune	Final Year	11 Feb 2023	1 Day	Prof. Manisha Narawane
6	Tata Motors, Pune	T. Y. B. Tech (Honor students)	6 March 2023.	1 Day	Dr. Dipali Ramdasi
7	Cummins India Ltd, Phaltan	T. Y. B. Tech (Honor students)	20 March 2023.	1 Day	Dr. Dipali Ramdasi Dr. A. K. Joshi

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Faculty Achievements:

Sr. No.	Name of Faculty	Date	Achievement
1	Dr. A. K. Joshi	8 February 2023	Patent granted by Indian patent Office. Patent Title: Real- Time System and Method for Monitoring and Management of Asthma. Application No. 201721017340 Patent No. 420943
2	Dr. Swati Madhe	28th April 2023	Dr. Swati Madhe, Student Liason ISA Pune Section and Faculty Adviser ISA CCOEW Student Charter was honoured for her contributions to extensive student progress.
3	Rashmi Atre Akshata Shinde Radhika Nibandhe Anchal Guleria Dr. Revati Shriram (Faculty + Students)	Patent Filed: 20/01/2023	System and Method for Detecting Parkinson's Disease

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Faculty interaction with outside world:

SN	Name of Faculty as a Resource Person	Date	Details	Arranged By
1	Dr. A. K. Joshi	1 October 2022	Expert Lecture on Use of Laser in Metrology	Mech Dept., CCOEW, Pune
2	Dr. Revati Shriram	27 Feb -4 Mar 2023 28 Feb 2023	Speaker in the ISTE Approved online STTP on Research Trends in Data Science	Department of IT , CCOEW, Pune
3	Dr. Revati Shriram	25 Feb 2023	Presented a Talk during the Symposium "Medical Imaging 2023: AI in Imaging and Oncology"	SCRAC, Mumbai and Ruby Hall Clinic Pune
4	Dr. Nivedita Daimiwal	25 Feb 2023	Presented a Talk during the Symposium "Medical Imaging 2023: AI in Imaging and Oncology"	SCRAC, Mumbai and Ruby Hall Clinic Pune

SN	Name of Faculty as Chair Person	Date	Details	Arranged By
1	Dr. Swati Madhe	18-22 Jan 2023	12th Project Innovation Contest in conjunction with 19th ICDCIT 2023	The School of Computer Engineering, Kalunga Institute of Industrial Technology, Deemed to be University, Bhubaneswar, India

SN	Name of Faculty as Reviewer	Date	Details	Arranged By
1	Dr. Anagha Panditrao	03 July 2022	Reviewer of IEEE conference papers	Easy Chair
2	Dr. A. K. Joshi	1 – 3 March 2023	Reviewer in 5th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2023)	AISSMS, Pune
3	Dr. Vaishali Upadhye	1 – 3 March 2023	Reviewer in 5th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2023)	AISSMS, Pune
4	Dr. Swati Madhe	1 – 3 March 2023	Reviewer in 5th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2023)	AISSMS, Pune
5	Dr. Nivedita Daimiwal	10 Dec 2022	Peer Reviewing for the journal of Basic and Applied Research International	International Knowledge Press
6	Dr. Nivedita Daimiwal	29 Oct 2022	Reviewing Journal of Advances in Microbiology	

SN	Name of Faculty as External Examiner/ Evaluator	Date	Event	Invited by
1	Dr. Anagha Panditrao	20 Jun 2022	External Examiner for Pre Synopsis evaluation	Manufacturing Department, COEP, Pune
2	Dr. Anagha Panditrao	17 August 2022	External Examiner, Mtech Dissertation examination	Instrumentation Department, COEP, Pune
3	Dr. Vaishali Upadhye	17 August 2022	External Examiner, Mtech Dissertation examination	Instrumentation Department, COEP, Pune
4	Dr. A. K. Joshi	1 November 2022	External Examiner, ME Dissertation examination (Internal: Dr. P.P. Vaidya)	V E S Institute of Technology, Chembur, Mumbai
5	Dr. A. K. Joshi	1 November 2022	External Examiner, ME Dissertation examination (Internal: Dr. Mrs. J.M. Nair)	V E S Institute of Technology, Chembur, Mumbai
6	Prof. Sheetal Katwe	25 November 2022	External Examiner, for Group Discussion, Home Assignment for Second year of Instrumentation Engineering	VIT, Pune
7	Prof. Manisha Narawane	12 December 2022	External Examiner, Viva Voce third year examination of Instrumentation Engineering	VIT, Pune
8	Prof. Sheetal Katwe	12 December 2022	External Examiner, Viva Voce third year examination of Instrumentation Engineering	VIT, Pune
9	Prof. Manisha Narawane	14 December 2022	External Examiner, for M. Sc. Instrumentation Science (I Year)	Dept. of Electronics & Instrumentation Science, SPPU
10	Dr. Vaishali Upadhye	7 February 2023	External Examiner to conduct practical/oral exam	Instrumentation Department, COEP, Pune
11	Dr. A. K. Joshi	20-21 Feb 2023	External Examiner at FY	VIT, Pune
12	Prof. Manisha Narawane	19 May 2023	External Examiner, Viva Voce third year examination of Instrumentation Engineering	VIT, Pune
13	Prof. Sheetal Katwe	17 May 2023	External Examiner, Third year examination of Instrumentation Engineering	VIT, Pune
14	Prof. Sheetal Katwe	18 May 2023	External Examiner, Second year examination of Instrumentation Engineering	VIT, Pune
15	Dr. Nivedita Daimiwal	19 May 2023	External Examiner, Second year examination of Instrumentation Engineering	VIT, Pune
16	Dr. Nivedita Daimiwal	22 May 2023	External Examiner, Third year examination of Instrumentation Engineering	VIT, Pune
17	Prof. Megha Galphade	22-23 May 2023	External Examiner, Third year examination of Instrumentation Engineering	D Y Patil Institute of Technology, Pimpri, Pune
18	Dr. Swati Madhe	23 May 2023	External Examiner, Third year examination of Instrumentation Engineering	VIT, Pune

19	Dr. Swati Madhe	1-2 June 2023	External Examiner, Third year examination of Instrumentation Engineering (DSP and Data Science)	AISSMS, IOIT, Pune
20	Dr. Revati Shriram	25-29 August 2022	Contribution as Pre-Screening Evaluator in Smart India Hackathon, 2022	Ministry of Education, MoE's Innovation Cell, AICTE, Persistant
21	Dr. Nivedita Daimiwal	22 May 2023	External Examiner, Third year examination of Instrumentation Engineering	VIT, Pune
22	Prof. Y. G. Adhav	28 April 2023	External Examiner for Industrial automation course project	VIT, Pune
23	Prof. Y. G. Adhav	22 May 2023	External examiner for project exam-	VIT, Pune