



AISSMS

INSTITUTE OF INFORMATION TECHNOLOGY (I.O.I.T.)



ADDING VALUE TO ENGINEERING

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 5 UG Programmes

NEWS LETTER 2023-24

Department of Engineering Sciences

Vision

To be recognized amongst top 10 private engineering colleges in Maharashtra by the year 2026 by rendering value added education through academic excellence, research, entrepreneurial attitude and global exposure.

Mission

1. To enable placement of 150 plus students in the 7 lacs plus category & ensure 100% placement of all final year students.
2. To connect with 10 plus international universities, professional bodies and organizations to provide global exposure to students.
3. To create conducive environment for career growth, prosperity, and happiness of 100% staff.
4. To be amongst top 5 private colleges in Pune in terms of admission cut off.

STAFF HIGHLIGHTS

- Dr. Y. P. Patil received Excellence Service Award Organized by VDGGOOD Professional Association.
- Dr. Y. P. Patil published a patent titled Windows and Android Based App for Vision Enhancement for Patient with Hypermetropia.
- Dr. Y. P. Patil published a patent titled LPG Management System – Remote LPG Monitoring.
- Dr. Y. P. Patil published a Design patent An Apparatus for Extraction of Metals From Waste Printed Circuit Boards (Pcb'S).
- Dr. Y. P. Patil published a Design patent An Apparatus for Effluent Treatment System.
- Mr. A. J. More published a patent titled Multi-Sensor Vehicle Positioning System Employing Shared Data Protocol.
- Mr. A. J. More published a Design patent titled Solar Powered Agricultural & Horticultural Sprayer.
- Mr. Nitin P. Bhone published a patent titled Health Monitoring Device.
- Mr. P. B. Shinde published a patent titled Exploring Weak Solution Through Variational Methods in Non- Linear Boundary Value Problems of Partial Differential Equation.
- Dr. Y. P. Patil published a patent titled Fingerprint Based Attendance System and Method There Off.
- Dr. Y. P. Patil published a patent titled Eye Wear Case.
- Mr. V. D. Deshmukh received Best GFM Award 2023-24.

Induction Programme 2023-24



All India Shri Shivaji Memorial Society's Institute of Information Technology has successfully conducted a welcome & motivational session on 23rd Aug 2023. Mr. Vishwas Datye, Ex- Philips Associate as Plant Head and Business Head, Business Consultations and Executive Coach at Pragati Institute was the chief guest for the session. Honorary Joint Secretary Shri. Suresh Paratap Shinde & Hon. Treasurer Mr. Ajay Patil were present for the event. The event was coordinated by Prof. S. V. Arlikar and Dr. N. V. Sharma.



Principal Dr. P. B. Mane addressed the students and their parents. Dr. P. G. Musrif (HOD) introduced the Engineering Sciences Department. All representatives of the college presented their work to the newly admitted students. The HODs of all departments and teaching staff members were present for the function. Information about our institute, the rules and regulations of the university, and the course content for FE was provided to the new students.

Teacher's Day



Dr. Shripad Dharmadhikari addressed students & staff members



Dr. V. K. Bairagi received the Best Teacher Award 2022-23

Engineer's Day



Mrs. Umadevi Kannayan, Head, The Orbit Trajectory, Design & Maneuver Planning Division, UR Rao Satellite Center, ISRO, Bangalore addressed the students and staff members.

National Level Project Competition & Prize distribution



Dr. M. P. Sardey, HOD, AISSMS IOIT, inaugurated the Program.



"Group photo with the winners, April 26, 2024."

Expert Lecture



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ENGINEERING SCIENCES DEPARTMENT
INVITES YOU TO ATTEND THE EXPERT LECTURE ON

"DESIGN THINKING FOR ENGINEERING STUDENTS"



SPEAKER

MR. SANTOSH DEVIDAS KHAWALE
B.E. (PRODUCTION), M. DESIGN (IT BOMBAY, INDIA),
M.S. (STRATEGIC DESIGN, POLITECNICO DI MILANO, ITALY)

Dr. P. G. Musrif
H.O.D.
Dept. Of Engg. Sciences

Dr. P. B. Mane
Principal
AISSMS IOIT

Coordinators
Mr. Nitin P. Bhone
Mr. A.J. More
Mr. S.S. Gadadhe
Mr. N. D. Gaikwad
Mr. M.B. Nigade
Mr. A.S. Apate
Dr. N. Khayum
Dr. Pritam Saha

DEC 02, 2023
SATURDAY
10:00AM

MEETING LINK
<https://meet.google.com/udf-nnbf-pdd>

<https://aiissmsioit.org/> @AISSMS_IOIT



GPS Map Camera

Kennedy road
Lat 18.531796° Long
73.866956°
07/12/23 01:33 PM
GMT +05:30 40° NE

Google

Expert Lecture on "Design Thinking for Engineering Students" on 02/12/2023 by Mr. Santosh D. Khawale, Founder - DHENOO, B-108, Ellora Shoppe, Sec-1, Indryani Nagar, Bhosari, Pune - 411039.

Industry Expert Lecture for Industrial chemistry on the topic "Corrosion and its impact on industry" on 07/12/2023 by Mr. Rushikesh Pargaonkar, Director R.D. Tech Engineers, MIDC Bhosari.



GPS Map Camera

Pune, Maharashtra, India
IIEDC, Aissms ioit, near RTO, Railway Officers Colony, Sangamvadi, Pune, Maharashtra
411001, India
Lat 18.531404°
Long 73.867172°
24/01/24 02:38 PM GMT +05:30

Google

Expert lecture on 'Project Development and Entrepreneurship.' January 24, 2024.



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Expert Lecture on

Recent Trends in Automation and Industrial IoT

Mark your calendars!
Date: May 10th, 2024
Time: 1:00 PM
Venue: Engineering Sciences Dept.

Organized by
Mr. A. J. More - Event Coordinator

Guest Speaker
Mr. Raturaj Shinde
Founder, Technovalin

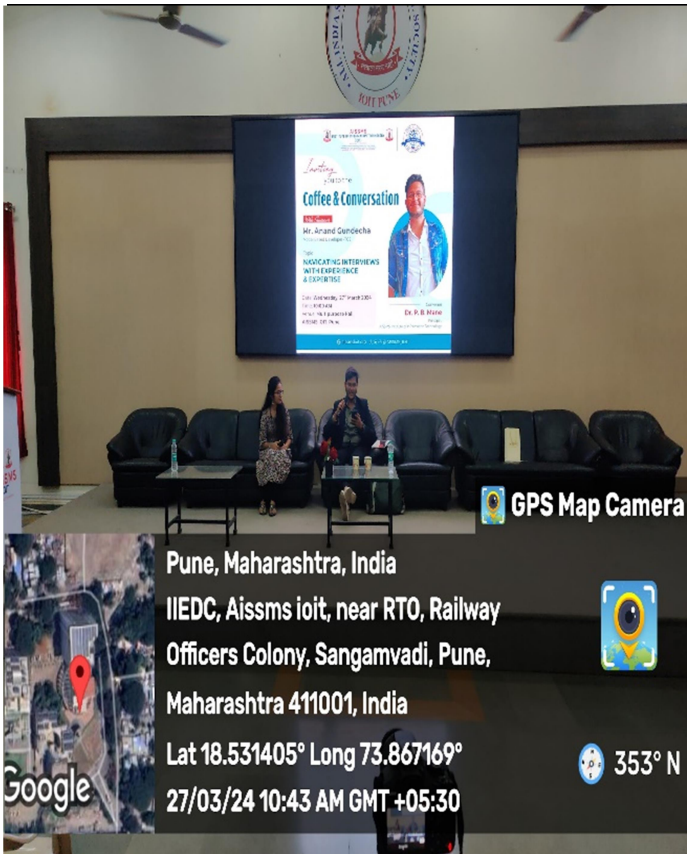
Course Team
Mr. S. S. Gadadhe, Mr. N. P. Bhone, Mr. M. B. Nigade, Mr. A. S. Apate, Dr. Pritam Saha

Regards
Dr. P. B. Mane
Principal, AISSMS IOIT

Explore smart home technologies, industrial automation solutions, and the impact of IoT across various sectors.

aiissmsioit.org @AISSMS_IOIT

Expert lecture on 'Recent Trends in Automation and Industrial IoT.' May 10, 2024.



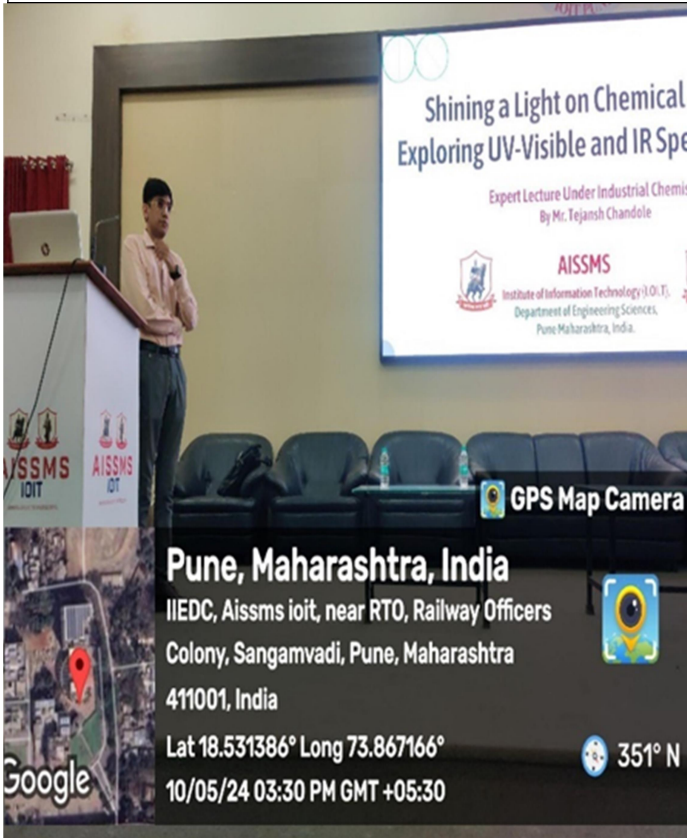
Pune, Maharashtra, India
 IIEDC, Aissms ioit, near RTO, Railway
 Officers Colony, Sangamvadi, Pune,
 Maharashtra 411001, India
 Lat 18.531405° Long 73.867169°
 27/03/24 10:43 AM GMT +05:30

Coffee and conversation with Alumni - Anand Gundecha, March 27, 2024.



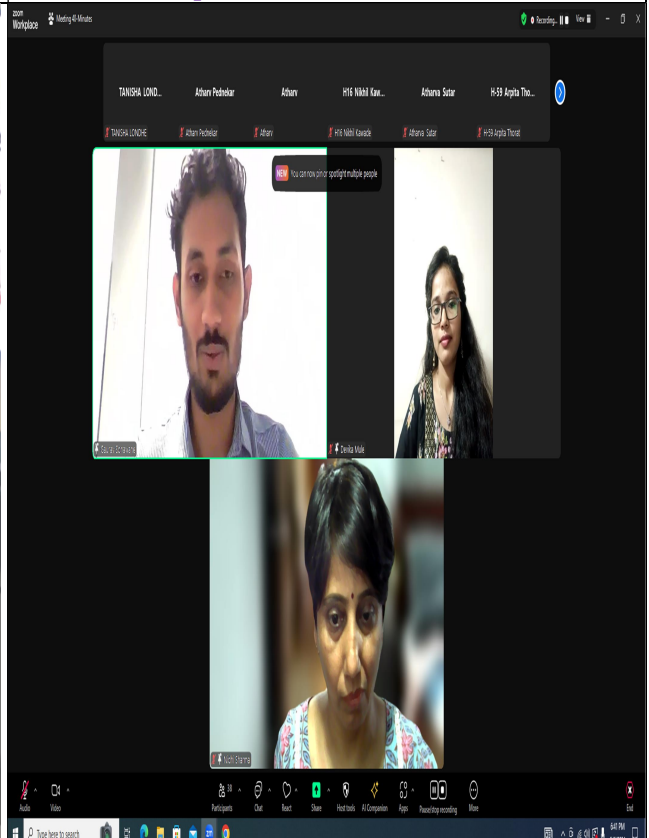
Pune, Maharashtra, India
 Shop No 01 ARCHANA GENERAL STORE, near by Puna Station Camp, Railway Officers Colony,
 Sangamvadi, Pune, Maharashtra 411001, India
 Lat 18.531509°
 Long 73.867285°
 01/04/24 05:15 PM GMT +05:30

Expert Lecture on 'Indian Knowledge System NEP: 2020,' April 01, 2024.



Pune, Maharashtra, India
 IIEDC, Aissms ioit, near RTO, Railway Officers
 Colony, Sangamvadi, Pune, Maharashtra
 411001, India
 Lat 18.531386° Long 73.867166°
 10/05/24 03:30 PM GMT +05:30

Expert Lecture On "Shining a light on chemical bonds: Exploring UV - Visible and IR Spectroscopy" for FY Btech. - Mr. Tejansh Chandole - Chief Publishing Officer Science Matters



Coffee and conversation with Alumni - Gaurav S Sonavane, May 10, 2024.

Industrial Visit



Visit to Katraj Dairy on December 04, 2023.



Visit to MSME Defense Expo on February 25, 2024.

Induction programme held at AISSMS

All India Shri Shivaji Memorial Society's Institute of Information Technology recently organised an induction programme for first-year engineering students. Vishwas Datye, executive coach at Pragati Institute, was the chief guest. He advised students to utilise all facilities available at the institute and motivated them to set a goal, focus on it, get technical knowledge and develop their skills.

The All India Shri Shivaji Memorial Society's Institute of Information Technology conducted a welcome and motivational session on 23 August 2023.

शिवाजी मेमोरिअलमध्ये स्वागत समारंभ

पुणे : ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फॉर्मेशन टेक्नॉलॉजीमध्ये प्रथम वर्षाच्या विद्यार्थ्यांसाठी स्वागत समारंभ व प्रेरणा सत्र नुकतेच झाले. या कार्यक्रमाला फिलिप्स असोसिएटेडचे माजी प्लांट हेड विश्वास दात्ये हे प्रमुख पाहुणे म्हणून उपस्थित होते. दात्ये यांनी विद्यार्थ्यांना महाविद्यालयात उपलब्ध सुविधांचा वापर करून नवे तंत्रज्ञान, कौशल्य, आत्मसात करण्याचा सल्ला दिला. ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीचे मानद सचिव मालोजी राजे छत्रपती यांनी प्रथम वर्षात प्रवेश घेतलेल्या विद्यार्थ्यांना शुभेच्छा दिल्या. संस्थेचे सहसचिव सुरेश शिंदे यांनी विद्यार्थ्यांना मार्गदर्शन केले. प्राचार्य डॉ. पी. बी. माने यांनी महाविद्यालयाचा व संस्थेतील सुविधांचा परिचय करून दिला. प्रथम वर्ष अभियांत्रिकीचे विभाग प्रमुख डॉ. पी.जी. मुसरिफ यांनी प्रथम वर्ष विभागाची ओळख करून दिली.

ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फॉर्मेशन टेक्नॉलॉजी मध्ये प्रथम वर्षीय अभियांत्रिकी विद्यार्थ्यांसाठी व त्यांच्या पालकांसाठी २३ ऑगस्ट २०२३ रोजी स्वागत समारंभ व प्रेरणा सत्र संपन्न झाला.

EDU DIGEST

AISSMS hosts IT project meet

The AISSMS Institute of Information Technology organised a project competition for first-year engineering students. A total of 126 projects and 630 students from various states participated in the event.

The All India Shri Shivaji Memorial Society's Institute of Information Technology organized a National Level Project Competition and Prize Distribution Ceremony for first-year engineering students on 14 July 2023.

प्रिल २०२४

बारावीच्या विद्यार्थ्यांना अभियांत्रिकीबाबत उद्या मार्गदर्शन

पुणे, ता. २४ : बारावीच्या विद्यार्थ्यांसाठी ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फॉर्मेशन टेक्नॉलॉजी महाविद्यालयात राष्ट्रीय स्तरावरील प्रकल्प स्पर्धा (नॅशनल लेवल प्रोजेक्ट कॉम्पिटिशन) पाहण्याची संधी आणि मोफत अभियांत्रिकी मार्गदर्शन कार्यक्रमाचे शुक्रवारी (ता. २६) सकाळी ११ वाजता आयोजन करण्यात आले आहे.

ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फॉर्मेशन टेक्नॉलॉजी महाविद्यालयात प्रकल्प पाहण्याची संधी आणि अनुभवी प्रवेश सल्लागारांमार्फत विद्यार्थ्यांना मोफत मार्गदर्शन मिळणार आहे. प्रादेशिक परिवहन कार्यालयाशेजारील (आरटीओ) 'एआयएसएसएमएस'मध्ये हा कार्यक्रम होईल.

ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटीच्या इन्स्टिट्यूट ऑफ इन्फॉर्मेशन टेक्नॉलॉजी महाविद्यालयात २६ एप्रिल २०२४ रोजी नॅशनल लेवल प्रोजेक्ट कॉम्पिटिशन आणि बक्षीस वितरण समारंभचे आयोजन करण्यात आले होते.

'लँडस्केप डिझायनिंग' बाबत ऑनलाइन अभ्यासक्रम

एसआयआयएलसी व एआयएसएसएमएस यांच्यात शैक्षणिक सामंजस्य करार



पुणे, ता. ४ : विमानतळ, रस्ते, चौक, व्यावसायिक ठिकाणे, हॉटेल्स, उद्याने, गृहनिर्माण संस्थांचा परिसर ते घराचा एखादा छोटासा कोपरा सुशोभित करण्यासाठी 'लँडस्केप प्लॅनिंग व डिझायनिंग या विषयातील कौशल्य आत्मसात करून त्यात करिअर करण्याला भरपूर वाव आहे. या पारदर्शनीय 'एआयएसएसएमएस' (ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटी) आणि 'सकाळ माध्यम समूह' ची कौशल्य प्रशिक्षण संस्था 'एसआयआयएलसी' यांच्यात 'लँडस्केप डिझायनिंग' हा संयुक्त प्रमाणपत्र अभ्यासक्रम सुरू करण्याबाबत सोमवारी विशेष शैक्षणिक करार करण्यात आला. 'एआयएसएसएमएस'च्या माहिती तंत्रज्ञान विभागाचे प्राचार्य डॉ. पी. बी. माने आणि 'एसआयआयएलसी'चे सहसहस्रव्यवस्थापक अमोल बिरारी यांनी करारावर स्वाक्षऱ्या केल्या. याप्रसंगी 'एसआयआयएलसी'च्या शैक्षणिक विभाग प्रमुख डॉ.



पुणे : 'एआयएसएसएमएस'च्या माहिती तंत्रज्ञान संस्थेत लँडस्केप प्लॅनिंग व डिझायनिंग या विषयावर शैक्षणिक सामंजस्य करार दर्शविताना मान्यवर.

मंजूषा मोरे, वरिष्ठ व्यवस्थापक अमित मांजरे तसेच 'एआयएसएसएमएस'चे कार्यालय अधीक्षक ए. जे. मते, सहाय्यक प्राध्यापक गायत्री मावळे, महेशा निगडे, डॉ. प्रीतम शहा, अमित रहेजा, आशिष आपटे हे उपस्थित होते.

या अभ्यासक्रमाची रचना विद्यार्थी तसेच नोकरी करणारा वर्ग होळ्यासमोर ठेऊन केली आहे. लेखीबरोबरच प्रात्यक्षिक अनुभवासाठी विविध रचनेच्या उद्यानांना, साइट प्रोजेक्टला भेटीचे आयोजन असणार आहे. अभ्यासक्रम पूर्ण केलेल्या प्रशिक्षणार्थींना 'एआयएसएसएमएस' आणि 'एसआयआयएलसी'तर्फे संयुक्त प्रमाणपत्र दिले जाणार आहे.

- माहितीसाठी संपर्क : स्वप्नील साखरे (८७८८८३०१४१)

अभ्यासक्रमातील ठळक विषय

- झाडे, झुडूपे, वेलींचा लँडस्केपिंगसाठी शास्त्रीयदृष्ट्या वापर
- मियावाकी प्लॅन्टेशन पद्धतीचे महत्त्व
- रस्ते, उद्याने, मोकळ्या जागेत लँडस्केप नियोजन
- लँडस्केपसाठी बांधकाम रचना, नियोजन
- साइट प्लॅनिंग व लँडस्केप प्रोजेक्ट डिझायनिंग
- लँडस्केपिंगसाठी अंदाजे खर्चाचे नियोजन
- अटोर्कड सॉफ्टवेअर
- पर्यावरणीय आणि कायदेशीर पैलू
- औद्योगिक क्षेत्रातील जैवविविधता व तेथील प्लॅन्टेशनचे नियम

हा अभ्यासक्रम डिझाईन करताना आर्किटेक्चर पदवीधर, स्थापत्य अभियांत्रिकी पदवीधर त्याचबरोबर लँडस्केप कन्सल्टंट यांना प्रत्यक्षात काम करताना येणाऱ्या अडथळी आणि तांत्रिक बाबींची सांगड घालण्याचा प्रयत्न केला आहे. कुठलाही आर्किटेक्चर एखादा बेसिक लँडस्केप सहज डिझाईन करू शकेल आणि एखादा स्थापत्य अभियंता लँडस्केप बांधकाम करताना प्लॅन्टेशनमध्ये सहजता याची घासाठीचे उपयोगी बात्कावे शिकू शकेल, याचा समावेश अभ्यासक्रमात केला आहे.

- डॉ. मंजूषा मोरे, शैक्षणिक विभाग प्रमुख, एसआयआयएलसी

AISSMS IOIT signed a MoU with SIILC and SAKAL to organize the 'Landscape Designing' online course on 01/04/2024.

Journal Publications

Sr. No.	Name of the Teacher/author	Title of the Paper	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication	ISBN/ISSN No.
1	Mr. A. S. Apatе	ADVANCEMENTS IN MULTI-MATERIAL MACHINING PROCESSES FOR FIBER METAL LAMINATES (FML): A COMPREHENSIVE REVIEW	Tuijin Jishu/Journal of Propulsion Technology	Volume 45 2005-2038	2024	ISSN:1001-4055
2	Dr Nidhi Sharma	Sensors in Food Industry : A Review	International Journal of Advanced Research in Science, Communication and Technology	Volume 4 134 - 140	2024	ISSN: 581-9429
3	Dr Nidhi Sharma	A Review on Various Sensors Employed for Detecting Adulterants (Urea and Melamine) in Milk and Milk Product	International Journal on Recent and Innovation Trends in Computing and Communication	Volume 12 288-295	2024	ISSN: 2321- 8169

Resource Person

Sr. No.	Staff Name	Date & Place	Details
1	Mr. A. J. More	15/09/2023,AISSMS'S Polytechnic, Pune	One day Workshop on 3D Printing Technology under Institute of Engineers students Chapter
2	Mr. S. V. Arlikar	22/04/2024	Subject Expert in Engineering Physics at MMCOE Pune.
3	Mr. S. V. Arlikar	29/04/2024	Expert input for Autonomy of Modern college of Engineering Pune.

List of Faculty Members who organized Course / Seminars / Workshops/STTP etc

Sr. No.	Branch	Event	Name of Staff	Date	Organized by
1	Engineering Sciences	30 Days CNC Internship Program	Mr. M. B. Nigade Dr. Y. P. Patil Mr. A. S. Apate Mr. A. H. Raheja	01/07/2023 to 31/07/2023 & 01/02/2024 to 30/04/2024	AISSMS Skill Development Centre

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

Sr. No.	Branch	Name of Staff	Event	Organized by	Date and Event
1	Chemistry	Dr. Nidhi Sharma	Industrial Chemistry for Engineers- FDP	NITTTR Chandigarh	18/09/2023 to 22/09/2023 (One Week) FDP
2	Chemistry	Dr. Nidhi Sharma	Outcome based Curriculum Development- FDP	NITTTR, Chandigarh	11/09/2023 to 15/09/2023 (One Week) FDP
3	Chemistry	Dr. Nidhi Sharma	Exploring quality research and its impact-STTP	D Y PATIL, PIMPRI	09/10/2023 to 13/10/2023
4	Chemistry	Dr. Nidhi Sharma	Training Program On "Statistical Analysis with Excel"	AISSMS IOIT & RFI Join collaboration	09/12/2023 to 13/12/2023
5	Mechanical Engineering	Mr. Ashish Apate	STTP on "Developing Research Culture in Education Institutes as per Recent Trends in Industry"	Trinity College of Engineering & Research Pune	18/12/2023 to 22/12/2023
6	Mechanical Engineering	Mr. Ashish Apate	FDP on "Outcome Based Education and	A G Patil Institute of Technology Solapur	28/12/2023 to 30/12/2023

			NBA Process”		
7	Metallurgy Engineering	Mr. N. D. Gaikwad	FDP on “Outcome Based Education and NBA Process”	A G Patil Institute of Technology Solapur	28/12/2023 to 30/12/2023
8	Mechanical Engineering	Mr. NITIN P. BHONE	Attended 12 weeks NPTEL FDP “Fundamental of Manufacturing Processes”	IIT ,Roorkee	JULY to OCT 2023
9	Civil Engineering	Mr. V. D. Deshmukh	12 WEEKS NPTEL COURSE ON 'ENVIRONMENTAL SCIENCE'	IIT BOMBAY	JULY to OCTOBER 2023
10	Civil Engineering	Mr. V. D. Deshmukh	National Level One Week Online Faculty Development Programme on “Cloud Infrastructure (AWS)”	Department of Information Technology, AISSMS, IOIT, Pune.	21/08/2023 to 25/08/2023
11	Mathematics	Mr. P. S. Gaur	12 week NPTEL	Introduction to probability and statistics	JULY to OCT 2023
12	Civil Engineering	Mr. A. H. Raheja	Attended One Week ATAL FDP	AISSMS COE, Pune	11/12/2023 to 16/12/2023
13	Mechanical Engineering	Mr.A.J.More	Attended One week FDP Introduction to Industry 4.0 and Industrial Internet of Things	IIT, Kharagapur	01/07/2023 to 30/10/2023
14	Mechanical Engineering	Mr.A.J.More	Completed 12 week NPTEL Course on Introduction to Industry 4.0 and Industrial Internet of Things with Elite	IIT,Kharagapur	01/07/2023 to 30/10/2023
15	Mechanical Engineering	Mr.A.J.More	Actively participated in One Week National Level Interdisciplinary Short Term Training Program on“Exploring Quality Research and its Societal Impact”	Organized by Department of First Year Engineering and Research & Development Cell, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune.	09/10/2023 to 13/10/2023

16	Mechanical Engineering	Mr.A.J.More	Completed Course in Microsoft Excel Expert with learn and Excel	Learn and Excel	14/10/2023 36 hrs
17	Mechanical Engineering	Mr.A.J.More	Participated and completed successfully One Week ISTE Approved Online STTP Program on “Applications of Artificial Intelligence and Machine Learning in Mechanical Engineering”	Organized by Department of Mechanical Engineering, K J College of Engineering and Management Research, Pune.	08/08/2022 to 12/08/2022
18	Physics	Dr. Manisha Raghuvanshi	Attend three days FDP. Writing effective research article writing , plagiarism tools/software and how to make publication in reputed journal	Organised by IFERP	27/12/2023 to 29/12/2023
19	Chemistry	Dr. Y. P. Patil	Attended three days workshop on ‘Leadership with Dignity Workshop’	Vi-MEET, (Vishwaniketan, Kumbhivali, Navi Mumbai) and POEM	30/10/2023 to 01/11/2023
20	Chemistry	Dr. Y. P. Patil	Attended one day workshop on ‘Workshop on Proposed Curriculum of First Year Engineering Structure of 2024 Pattern as per NEP 2020’	BoS (Engineering Sciences), Faculty of Science and Technology, SPPU in association with International Institute of Information Technology (IIT), Hinjawadi, Pune.	04/11/2023
21	Chemistry	Dr. Y. P. Patil	Orientation Program for the Compliance officers of HEIs in the Study in India portal - Study in India Event	Ministry of Education (MoE), Government of India.	13/09/2023
22	Chemistry	Dr Nidhi Sharma	National Level One week Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS IOIT PUNE	15/01/2024 to 19/01/2024
23	Chemistry	Dr Nidhi Sharma	NPTEL Course- Bio-electrochemistry	IIT - ROORKEE	January 2024 to February 2024
24	Chemistry	Dr Nidhi Sharma	Industrial training	Aspire manufacturing pvt. Ltd.	01/01/2024 to 06/01/2024

25	Mechanical Engineering	Mr. Nitin P. Bhone	Sanrachana on “Creating a constructivist Classroom “ At MSFDA , Pune	Maharashtra Faculty Development Academy Pune	05/02/2024 to 09/02/2024
26	Mathematics	Dr. D. S. Shelar	FDP on Advancements in Medical Imaging through Machine Learning and Deep Learning: Techniques, Applications, and Challenges	Department of Mathematics, KL (Deemed-to-be) University, Hyderabad, Aziznagar, India.	11/03/2024 to 15/03/2024
27	Mathematics	Dr. D. S. Shelar	National Level One week Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS IOIT PUNE	15/01/2024 to 19/01/2024
28	Mathematics	Dr. D. S. Shelar	NPTEL Course- Engineering Mathematics -II	IIT Khargpur	Feb 2024 to April 2024
29	Mathematics	Dr. D. S. Shelar	National Conference on Emerging Trends in Engineering and Management	Guru Govind singh College of Engineering and Research Center, Nashik	19 /04/2024 to 20/04/2024
30	Mechanical Engineering	Mr.M.B.Nigade	National Level One week Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS IOIT PUNE	15/04/2024 to 19/04/2024
31	Mechanical Engineering	Mr.M.B.Nigade	National Conference on Emerging Trends in Engineering and Management	Guru Govind singh College of Engineering and Research Center, Nashik	19 /04/2024 to 20/04/2024
32	Civil Engineering	Mr. V. D. Deshmukh	National Level One week Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	Department of Information Technology, AISSMS IOIT, Pune.	15 /01/2024 to 19/01/2024
33	Civil Engineering	Mr. V. D. Deshmukh	“A Global Symposium on Sustainable Development in Civil Engineering”	Department of Civil Engineering, Dr.D.Y.Patil Institute of Technology, Pimpri, Pune through International Students Chapter of American Society of Civil Engineers (ASCE).	19 /01/2024 to 20/01/2024

34	Mechanical Engineering	Mr. A. S. Apate	“Aiming Towards 3D’s in Electrical Engineering”	Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad	11/03/2024 to 15/03/2024
35	Mechanical Engineering	Mr. A. S. Apate	NPTEL 12 weeks Course on “Education for Sustainable Development.”	IIT Kharagpur	22/01/2024 to 12/04/2024
36	Mechanical Engineering	Mr.M.B.Nigade	NPTEL 12 8 week course on 3D Printing and Design for Educators	NITTTR Bhopal	01/03/2024 to 30/04/2024
37	Mechanical Engineering	Mr.M.B.Nigade	Two day workshop on Examination processes Automation and Reforms	Savitribai Phule Pune University	03/04/2024 to 04/04/2024
38	Mechanical Engineering	Dr. Pritam Saha	FDP on “Additive Manufacturing for Bio-medical Applications”	NITTTR, Chandigarh	22/04/2024 to 26/04/2024
39	Mechanical Engineering	Dr. Pritam Saha	12 weeks NPTEL course on “Science Communication: Research Productivity and Data Analytics using Open Source Software”	NPTEL, IIT Delhi	22/01/2024 to 21/04/2024
40	Mechanical Engineering	Dr. Pritam Saha	FDP on “Computer Integrated Manufacturing”	NITTTR, Chennai	06/05/2024 to 11/05/2024
41	Civil Engineering	Mr. Amit H Raheja	Geospatial Analysis using Google Earth Engine	Institute Institute Remote Sensing, Dehradun	19/02/2024 to 23/02/2024
42	Civil Engineering	Mr. Amit H Raheja	12 weeks of NPTEL Course on "Non-conventional energy Resources" conducted	NPTEL, IIT Madras	22/01/2024 to 21/04/2024
43	Mathematics	Mr. P. B. Shinde	NPTEL Course- Engineering Mathematics -II	IIT Khargpur	Feb 2024 to April 24

Industry Institute Interaction

Sr. No.	Date of visit	Class	Company	No. of staff/students visited	Organised By
1	04/12/2023.	Div: C,D & I	Katraj Dairy(Gate no 3), Pune – Satara Road, Opp. Rajiv Gandhi Udyan, Katraj, Pune – 411046.	178	Mrs.A.A.Athawale (Coordinator) Mr.S.V.Arlikar Mr. S. S. Gadadhe Ms.R.R.owhal Mr. P.S. Gaur Mr. A. J. More Ms.S.V.Lohar Dr. Y. P. Patil Dr.M.R.Raghuvanshi Mrs.P.M.Patil
2	05/12/2023	Div: A & B	Katraj Dairy(Gate no 3), Pune – Satara Road, Opp. Rajiv Gandhi Udyan, Katraj, Pune – 411046.	133	Ms.S.S.Raskar (Coordinator) Dr. N. V. Sharma Mr. A. S. Apate Mr.M.B.Nigade Mr. C. K.Bhange Mrs. G. N. Mawle Mr. P. B.Shinde
3	06/12/2023	Div: E & F	Katraj Dairy(Gate no 3), Pune – Satara Road, Opp. Rajiv Gandhi Udyan, Katraj, Pune – 411046.	137	Mr.D.S.Shelar (Coordinator) Mr. P. G. Mahajan Mr. N.D. Gaikwad Mr. V.D. Deshmukh Mr.P.B.Wakhare
4	07/12/2023	Div: G & H	Katraj Dairy(Gate no 3), Pune – Satara Road, Opp. Rajiv Gandhi Udyan, Katraj, Pune – 411046	131	Dr.Pritam Saha Mr. N. P.Bhone Mr.A.H.Raheja Dr. P.G. Musrif Mr.P.P.Mahajan Ms. S.K. More Mr. N. Khayyum
5	25/02/2024	All FY-BTECH	MSME DEFENCE EXPO.	350	Mr. V. D. Deshmukh

Expert Lecture

Sr. No.	Department	Date	Activity Details Topic	Speaker/ Judge	Organizer/ Staff Co coordinator / Student Coordinator
1	First Year Engineering	07/12/2023	Corrosion and its effect on industry	Mr. Rushikesh Pargaonkar Director R.D. Tech Engineers, MIDC Bhosari	Dr. Y. P. Patil Dr Nidhi Sharma Mr P G Mahajan
2	First Year Engineering	02/12/2023	“Design Thinking for Engineering students”	Mr. Santosh D. Khawale B.E (Production) M. Design IIT Bombay India , M.S (Strategic Design)ITALY	Mr. Nitin P. Bhone Mr. A. J. More Mr. S.S. Gadadhe Mr. N. D. Gaikwad Mr. M.B. Nigade Mr. A.S. Apte Dr. N. Khyum Dr. Pritam Saha
3	First Year Engineering	14/12/2023	Applications of Physics	Mr. P. L. Deshmukh From - Ret. HoD of Instrumentation Dept .RCF, Alibaug .	Mr. S. V. Arlikar Dr. P. G. musrif Dr. M. R. Raghuvanshi
4	First Year Engineering	24/01/2024	Expert Lecture on “Project Development and Entrepreneurship ”	Dr. Milind Danse	Mr. N. D. Gaikwad
5	First Year Engineering	01/04/2024	Expert Lecture On “ Indian Knowledge System NEP: 2020” for FY Btech. Computer , IT, AIDS , Students . 120 students and 15 faculties.	Dr. Pradip Apte Bhandarkar Oriental Institute Pune.	Mr. Nitin P. Bhone Mr. S. V. Arlikar Dr. P. G. musrif Dr. M. R. Raghuvanshi
6	First Year Engineering	10/05/2024	Expert Lecture on “ Recent Trends in Automation and Industrial IoT”	Mr. Raturaj Shinde	Mr. A. J. More
7	First Year Engineering	10/05/2024	Expert Lecture On “ Shining a light on chemical bonds : Exploring UV - Visible and IR Spectroscopy for FY Btech.	Mr. Tejansh Chandole-Chief publishing Officer Science matters	Dr. Y P Patil Dr. Nidhi Sharma Dr V S Patil

Departmental Activities

Sr. No.	Department	Name of the Staff	Date	Details of activities performed
1	First Year Engg	Dr. Nidhi Sharma	09/12/2023 to 13/12/2023	Training program on “Statistical Analysis with Excel”
2	First Year Engg	Dr. Nidhi Sharma	17/01/2024	Best Practices for curriculum design
3	First Year Engg	Dr. Dilip Shelar	17/01/2024	Regression analysis
4	First Year Engg	Dr.Pritam Saha	17/01/2024	Cryogenic Application
5	First Year Engg	Mr.N.P.Bhone	23/04/2024	Brain base learning
6	First Year Engg	Mr.S.V.Arlikar	23/04/2024	Communication skill
7	First Year Engg	Dr. P.G.Musrif	23/04/2024	Case study of Communication skill
8	First Year Engg	Mrs A.A.Athawale	29/04/2024	Failure in Rock
9	First Year Engg	Mr. S.S.Gadadhe	29/04/2024	Beauty in Alibaugh
10	First Year Engg	Mr.P.S.Gaur	29/04/2024	Number system and infinity
11	First Year Engg	Mrs G.N.Mawale	14/05/2024	Stress management
12	First Year Engg	Mr V.D.Deshmukh	14/05/2024	Organic farming
13	First Year Engg	Mr. N.D.Gaikwad	14/05/2024	Yoga for back pain
14	First Year Engg	Mr.A.J.More	14/05/2024	Industry 5.0
15	First Year Engg	Mr.Pandit Shinde	27/05/2024	How to create Question bank in autonomy exam portal
16	First Year Engg	Mrs S.S.Raskar	27/05/2024	Python language use in Data science
17	First Year Engg	Mr. R.B.Tope	27/05/2024	Sum of all even and odd natural no
18	First Year Engg	Mr.M.B.Nigade	27/05/2024	Application of chemistry in engineering steel industry
19	First Year Engg	Mr.Naushad Shaikh	27/05/2024	Matrix in cryptography
20	First Year Engg	Mr. Ashish Apate	27/05/2024	Sustainable development goal
21	First Year Engg	Dr.Y.P.Patil	27/05/2024	IPR
22	First Year Engg	Mr. A.H.Raheja	27/05/2024	Types of columns and its calculation
23	First Year Engg	Dr Manisha Raghuvanshi	27/05/2024	Study of propagation characteristics electromagnetic waves and insulation in solid state plasma
24	First Year Engg	Dr. Virendra Patil	27/05/2024	How to write Research papers

Faculty Editor - Mr. A. S. Apate, Asst. Professor,
Department of Engineering Sciences

Publisher – Dr. P. G. Musrif, H.O. D.
Department of Engineering Sciences