



The Institution of Engineers (India)
[ESTABLISHED IN 1920 INCORPORATED BY ROYAL CHARTER IN 1935]

PUNE LOCAL CENTRE

ABHIYANTA BHAVAN, 1332 Shivajinagar,
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68th Annual Report
Year 2024-2025

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The Institution of Engineers (India)
PUNE LOCAL CENTRE
Committee 2024-2025 (as on 31.03.2025)

Er. Vasant D Pandarkar	FIE	AG	Chairman
Dr. Uttam R Awari	FIE	CV	Hon. Secretary
Dr. Sanjay B Zope	FIE	MC	Imm. Past Chairman
Er. Vipin V Munot	MIE	CV	Imm. Past Hon. Secretary
Dr. Girish S Mundada	FIE	ET	Council Member HQ
Er. Sagar S Kolekar	AMIE	AG	Member
Er. K K Ghosh	FIE	AS	Member
Er. Dileepkumar G Patil	FIE	AR	Member
Dr. Makarand Y Naniwadekar	AMIE	CH	Member
Er. A N Gedam	MIE	CP	Member
Er. Gayatri N Mawale	MIE	CV	Member
Er. Dhairyashil M Khaire	MIE	CV	Member
Er. Narendra U Bonde	MIE	CV	Member
Er. Mukund A Toke	FIE	EL	Member
Er. Vaishali P Kuralkar	MIE	EL	Member
Er. Rajendrakumar V Saraf	FIE	EN	Member
Er. Nitin P Mawale	FIE	ET	Member
Dr. Shivprakash B Barve	FIE	MC	Member
Er. Achyut D Khare	MIE	MC	Member
Er. Pranav P Tupe	AMIE	MC	Member
Er. Harshwadhan K Devkate	AMIE	MM	Member
Er. Nilesh P Desale	MIE	PR	Member
Er. Manish M Kothari	FIE	AS	Council Member MSC
Er. A W Jawanjal	FIE	EL	Chairman MSC
Er. Milind L Patil	FIE	TX	Hon. Secretary MSC
Dr. Dattatraya S Bormane	FIE	ET	Member MSC
Er. Aishwarya A Apte	MIE	EL	Member MSC



The Institution of Engineers (India)
PUNE LOCAL CENTRE
Notice of the Annual General Meeting
(For Corporate Members of IEI PLC Only)

The **Sixty-Eight (68th) Annual General Meeting** of Corporate Members of The Institution of Engineers (India), Pune Local Centre will be held on **Friday, 31st October 2025 at 1900 hrs.** at The Institution of Engineers (India) Pune Local Centre, **ABHIYANTA BHAVAN**, 1332 Shivajinagar J.M. Road Pune – 411 005.

All the Corporate Members of the Local Centre are requested to attend the meeting.

Agenda

1. To Confirm minutes of the Sixty-Seven Annual General Meeting held on Saturday **26th October 2024**
2. To receive the Annual Report of the Activities of Pune Local Centre for the Year 2024-2025.
3. To receive the Audited Accounts for the year ending 31st March 2025.
4. To announce the Composition of Managing Committee of Pune Local Centre for Session 2025-2027
5. To appoint the Auditors for the Year 2025-2026 and fix their remuneration

Place: Pune

Date: 07 October 2025

sd/-

Dr. Uttam R Awari
Hon. Secretary

Notes:

- Audited Accounts will be available for perusal of Corporate Members (FIE/MIE/AMIE) up to **18th October 2025** at the office during 1500 hrs. to 2000 hrs. except Sundays & Holidays.
 - Corporate Members (FIE/MIE/AMIE) who desire to seek any information or ask questions or move a resolution are requested to inform the same in writing or by E-mail to Hon. Secretary so as to reach the office on or before working hours of **18th October 2025** The Corporate Members present shall form the Quorum for the Annual General Meeting as per Regulation No. 6 (e) of the Council of IE (I).
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Draft Minutes of 67th AGM held on 26th October 2024

Minutes of the 67th Annual General Meeting of Corporate Members of The Institution of Engineers (India), Pune Local Centre held on Saturday, 26th October 2024 at 7.00 pm at the premises of The Institution of Engineers (India), Pune Local Centre, Shivajinagar, Pune - 5.

Dr. Uttam Awari, Hon. Secretary welcomed the Corporate Members present & requested Er. Vasant Pandarkar, Chairman to chair the meeting.

Before taking up the Agenda of the AGM, Dr. Uttam Awari, Hon. Secretary requested the house to observe two minutes' silence in memory of the deceased members of Pune Local Centre. The house rose & observed silence to pay homage to the deceased members.

Er. Vasant Pandarkar, Chairman welcomed the members, called the meeting to order and requested Hon. Secretary to proceed with the agenda.

1. To Confirm the minutes of 66th AGM held on 29st October 2023

The minutes circulated were deliberated and confirmed unanimously. The resolution to confirm the minutes was proposed by Er. R V Saraf and seconded by Dr. G S Mundada.

2. To receive the Annual Report of the Activities of Pune Local Centre for the year 2023-2024.

The Annual report for 2023-2024 was received unanimously after a brief discussion. The resolution to receive & accept the report was proposed by Er. H K Devkate and seconded by Er. N P Mawale.

3. To receive the Audited Accounts for the year ending 31st March 2025.

The Annual Audited Accounts for the year 2024-2025 as circulated and uploaded on website was accepted unanimously. The resolution to receive & accept the audited accounts were proposed by Prof. K K Ghosh and seconded by Er. D G Patil.

4. To appoint the Auditor for the year 2025-2026 and to fix their remuneration.

A panel of chartered accountants recommended by PLC Committee was presented to AGM for consideration. While appointing the Auditor for 2024-25, the AGM selected **Shah Kothadiya & Association** and resolved as follows:

Resolved that **M/s. Shah Kothadiya & Association** be appointed as Auditor for the year 2025-2026 on remuneration of Rs. 22000/- The resolution to appoint Auditor was proposed by Er. M A Toke and seconded by Er. R V Saraf.

Sd/-
Dr. Uttam R Awari
Hon. Secretary

Sd/-
Er. Vasant D Pandarkar
Chairman.

Place: Pune
Date: 07th Nov. 2024

PART – A

Functioning of Pune Local Centre

1.0 CONSTITUTIONAL

1.1 Corporate Membership-

Membership (AMIE/MIE/FIE) of Centre increased from 6795 (on 31.03.2024) to 7058 (on 31.03.2025).

1.2 Non-Corporate Membership-

Membership (ST/T) increased from 27359 (on 31.03.2024) to NIL (on 31.03.2025).

1.3 Institutional Membership

There are 20 Institutional Members attached to Pune Local Centre of IEL.

1.4 Other Subcommittees:

The Centre has one Finance Sub Committee consisting of Chairman, Hon. Secretary & Two Committee Members. This committee deals with all the financial matters and recommends final actions to the main committee of Pune Local Centre.

1.5 PLC Committee Meetings:

During the report Year 2024 -25, 12 meetings were held. The average attendance was 14. All the routine affairs & Technical activities were discussed and approved by the Committee.

1.6 Annual General Meeting:

The last (67th) AGM of the Centre was held on Saturday, 26th October 2024 and transacted the business as mentioned under “Draft Minutes of 67th AGM”.

2.0 FINANCIAL

The Balance Sheet as on 31st March 2025 along with Income – Expenditure statement & Audit Report for the year ending on 31st March 2025 is given as **Annexure-II**.

3.0 ACTIVITIES

3.1 Technical Activities:

A summary of the Technical Activities from 1st April 2024 to 31st March 2025 along with detailed report of major activities are given in the report.

3.2 Developmental Activities

3.2.1 Infrastructure

In 2024-25, Firodiya Auditorium was fully renovated. & Solar Panels installation.

3.2.2 Library

The total number of books as on 31st March 2025 is 11327.

3.2.3 Co-Curricular Activities

78th Independence Day was celebrated on 15th August 2024 by hoisting the Flag and 76th Republic Day on 26th Jan 2025 by unfurling the Indian Flag at the premises of the centre.

4.0 COMMUNICATION WITH MEMBERS

4.1 Website

The Centre has a website www.ieipune.org , it is updated regularly. The invitation of programmes and notices etc. especially received from HQ are uploaded.

4.2 E-mail Facilities

All the information about technical programmes are sent to corporate members through bulk mail facility.

5.0 TECHNICIANS'/ STUDENTS' CHAPTER ENGG. COLLEGES / STUDENT CHAPTER IN POLYTECHNIC

There are 40 Students Chapters Engg. Colleges & 11 Students Chapter in Polytechnic under the local Centre. Regular meeting of Faculty advisers of student Chapters had been arranged to help student chapters to conduct technical activities.

6.0 AMIE EXAMINATIONS:

The Pune Local Centre conducted AMIE Exams of Section A & B on the dates in Winter Exam 2023 from 07 September 2024 to 13 September 2024. & Summer Exam 2024 from 01 March 2025 to 07 March 2025

ACKNOWLEDGEMENT

The Committee of the Pune Local Centre sincerely thanks Engineering Professionals, Organizations and Institutions for their excellent support & co-operation.

The Committee is also grateful to the Maharashtra State Centre (MSC) & HQ, IEI for their continued support help & guidance.

The Committee wishes to place on record its sincere appreciation for sustained & dedicated efforts put in by the corporate members, non-members, well-wishers, employees, event sponsors, suppliers, internal & Statutory Auditors for the successful functioning of the Pune Local Centre.

The Institution of Engineers (India)

PUNE LOCAL CENTRE

All India Seminar/Workshop Organised (01 April 2024 to 31 March 2025)

Sr. No.	Event	Date	Speakers	Association with any Forum
1.	One Day Workshop On “Research Topics For P G Structures Students”	27 April 2024	Chief Guest Dr. Sunil Thakare Experts Mr Usuf Inamdar	
2.	Two Days Workshop on “Structural Dynamics Theory and Applications”	14-15 Nov, 2024	Chief Guest Er. Anil Panjwani Experts 1. Dr. M. V. Bhogone 2. Dr. J. P. Bhusari 3. Dr. D. I. Narkhede 4. Dr. S. N. Madhekar 5. Er. M. N. Govind	Sinhgad College of Engineering, Pune & Indian Society of Earthquake Technology Pune Chapter
3.	One day Workshop on “Seismic Safety Assessment of Dams”	10 Jan 2025	Chief Guest Dr. Ishwar Gupta Experts 1. Dr. R. K. Suryawanshi Former Chief Engineer CWC 2. Shri Deepak Modak, Chairman Dam Safety Review Panel, WB, Pune Region, 3. Dr. Sharad Joshi, Prof and Ex-Principal, KLE Institute of Technology, Hubli	Indian Society of Earthquake Technology Pune Chapter
4.	Workshop on “Climate X Change: Green Hackthon”	15 Jan 2025	Keynote Speaker 1. Dr. Karan Chavan Toronto, Canada 2. Ms. Simona Jadronova , Toronto, Canada Guest of Honour 1. Dr. Ajay Fulambarkar , Former Principal PCCOE 2. Er. Avinash Surve , former Secretary , WRD ,Govt. of MS	

5.	One Day National Seminar on Circular Economy for Sustainable Development	24th January 2025	Chief Guest Dr. Rajendra Shende	AISSMS College of Engineering, Pimpri Chinchwad College of Engineering, MIT WPU, DY Patil College of Engineering, S G Balekundri Institute of Technology Belagavi, and Sinhgad College of Engineering.
6.	All India Seminar on “Emerging Trends in Engineering and Technology: Shaping the Future of Innovation”	19-20 Mar 2025	Inaugural Function Chief Guest Dr. Nilesh Uke, Principal, Indira College of Engineering and Management, Pune	AISSMS COE & AISSMS Polytechnic, Pune, MIT WPU Pune, MMIT, Pune, Dr. D. Y. Patil University, Pune and Government Polytechnic, Pune.

The Institution of Engineers (India)

PUNE LOCAL CENTRE

Statutory Days Celebration

(01 April 2024 to 31 March 2025)

Sr. No.	Event	Date	Speakers	Associate with any Forum
1	Celebration of World Water Day - “Water for Peace”	25 April 2024	Speakers Mr. Satish Khade, Dr. D M More, Dr.Saji Baby, Mr, Kuldeep Malik Mr. Prasad Sevekari and Mr. S N Pande.	Marathi Vidyan Parishad, Pune Rotary International District 3131 youth and Environment Committee, Rotary Club of Pune Uptown, Central Water & Power Research Station, National Water Academy Pune, Jeevitnadi Living River Foundation and Eco-logic foundation.
2	Celebration of World Telecommunication and Information Society Day (Online)	25 May 2024	Theme Speaker Dr. Alok Nath De, CTO–X trans Solutions, Adjunct Prof, IISc Bangalore, CTO & CVP (Retd), Samsung	IEEE, Pune section, IETE Pune Centre & IET, Pune Local Network
3	Celebration of World Environment Day	21 Jun 2024	Chief Guest Shri Anand Chordia Director Technology & Innovation, Suhana Spices. Keynote Speaker Prof(Dr) T P Singh, Director, Symbiosis Institute of Geoinformatics, Pune	CWPRS, Pune, NWA, Pune, IPA,Pune, Marathi Vidnyan Parishad Pune, D Y Patil COE Akurdi, Eco-Logic Foundation and Rotary International District 3131 Supporting the Environment Avenue and Rotary Club of Pune Uptown

4	Prof M V Deshpande Memorial Lecture	31 August 2024	Chief Guest Shri Jayant Deo	
5	Celebration of Royal Charter Day	11 Sep 2024	Keynote Speaker Dr Girish S Mundada Council Member, Chairman, CATE, IEI	
6	Celebration of 57 th Engineers Day	15 Sep 2024	Chief Guest Mr.Satyajit Nimbalkar, CEO, Long Span Structures Pvt Ltd.Pune Guest of Honour Mr. Nitin Mahajan, Director Cloud Energy Management Platform, Pune Keynote Speaker Dr. Vaibhav Hendre, Deputy Director, G H R C EM	
7	Celebration of World Habitat Day	15 October 2024	Chief Guest Ar. Priya Gokhale Founder, WIDE Angle Forum	
8	B G Walimbe Memorial Lecture	25 October 2024	Chief Guest Prof. Dr. Satish A. Pande Guest of Honor D. S. Chaskar	
9	Celebration of 66 th Foundation Day	29 November 2024	Chief Guest Dr. Hanumant T Dhumal, Chief Engineer (Specified project), WRD ,Pune, Govt of Maharashtra Guest of Honour Shri Deepak Khirey, Lead Data Scientist, Nielsen IQ, Pune	
10	Celebration of World Engineering Day	04 Mar 2025	Chief Guest Dr Deepak Shikarpur, AI Expert Guest of Honour Er Dhaval Jitkar, Managing Committee Member , AISSMS, Pune	AISSMS College of Engg, Pune AISSMS Polytechnic Pune

11	Celebration of World Women's Day	17 Mar 2025	Chief Guest Dr (Mrs). Sushma Kulkarni, Vice Chancellor, NICMAR University, Pune Guest of Honour Mrs Smita Nisal, General Manager, Kirloskar Oil Engines Limited, Pune	
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The Institution of Engineers (India)

PUNE LOCAL CENTRE

Lecture Meeting Organized

(01 April 2024 to 31 March 2025)

Sr. No.	Events	Date	Speakers	Association with any Forum
01	Overview of Indian EV Industry	20 April 2024	Mr Vaibhav Shah	Tech Forum
02	Kaizen in daily life	12 May 2024	Mr Hemant Bhangе	Tech Forum
03	ROCK ANCHORING	24 May 2024	Er. Siddharth Kulkarni	I G S, Pune Chapter and A C C E ,Pune Centre
04	Clean Tech for Energy	23 Jun 2024	Mr Sanjay Gadhley	Tech Forum
05	Speech on Electricity Act 2003 and Electricity Tariff Determination in Maharashtra	06 July 2024	Er. Mukund Toke	IOV Pune Branch
06	Embedded Systems	07 July 2024	Mr. Jaykrushna Puranik	Tech Forum
07	Lecture on Environment and Development issues of Pune	12 July 2024	Mr. S Ranade	Dnyandeep Foundation and MVP
08	Lecture on Materials for Batteries	14 July 2024	Mr. Saksham Mamtani	Tech Forum
09	Lecture on Climate Monitoring	28 July 2024	Dr Milind Mujumdar,	Tech Forum
10	Industry Academia Engagement Workshop	03 August 2024	Dr. Geetanjali Vaidya	IEEE - PES Pune Chapter
11	Lecture on Reverse Engineering	11 August 2024	Mr Girish Ranade	Tech Forum
12	Lecture on Research Opportunities in Engineering & Technology and Higher Education	28 August 2024	Dr. Avinash Kulkarni	IIT BOMBAY- Alumni Association: IITBAA Pune Chapter
13	Group Discussion on International Valuation Standard	31August 2024.	Shri. Mukund Toke, Shri. A. V. Shewde, Shri. Devendra Patekar, Senior Valuer Shri. Bapat	IOV Pune Branch

15	TRIZ techniques of Patent Circumvention in reverse engineering	08 September 2024	Mr Hemant Pardikar	Tech Forum
16	Optimization of Energy Systems and Processes	27 September 2024	Mr. Vishwas Kale	Tech Forum
17	B G Walimbe Memorial Lecture	25 October 2024	Chief Guest Prof. Dr. Satish A. Pande Guest of Honor D. S. Chaskar	-----
18	Lecture on skill development in India jointly with Tech Forum	27 October 2024	Mr Anil Patil	Genstru Consultants Pvt Ltd
19	Lecture on Healthcare with advanced electro-magnetic treatment	24 November 2024	Mr Shrikant Karhadkar	Tech Forum
20	Lecture on Story of world's 1 st hand cranked defibrillator Online	8 December 2024	Mr Ashish Gawade	Tech Forum
21	Condolence Meeting Dr. Hemant Thakare	23 December 2024	Er. V D Pandarkar Dr. S B Zope Dr. U R Awari	Tech Forum
22	"Nadi Pariksha" "Development of sensor device and Human pulse detection system"	12 January 2025	Rahul Madhukar Amrutkar	
23	Group Discussion on The Following Topic Will and its impact on valuation	01 February 2025	Er. M A Toke	IOV Pune Branch
24	Lecture on Tech Forum's proposed Medi Park.	09 February 2025	Mr.Rahul Madhukar Amrutkar visionary leader and social entrepreneur	Tech Forum
25	Topic Surya Ghar Mukth Bijali Yojana.	18 February 2025	Er. Mukund Toke	Marathi Vidnyan Parishad Pune
26	Condolence Meeting Late Prof. M R Khadilkar	22 February 2025	Er. V D Pandarkar Dr. G S Mundada Dr. D J Doke	-----
27	Digital Health - Journey Innovation in Biomedical Engineering	23 February 2025	Mr Gautam Morey	Tech Forum
28	Medical Equipment Ecosystem: Options for Maharashtra	9 March 2025	Mr Abhijit Pimpley	Tech Forum

Report of Major Technical Activities (All India Seminar and Workshop)

ONE DAY WORKSHOP ON RESEARCH TOPICS FOR P G STRUCTURES STUDENTS

The Institution of Engineers (India), Pune Local Centre, in association with the Indian Society of Earthquake Technology, Pune Local Chapter, organized a One Day Workshop on “Research Topics for P.G. Structures Students” on 27th April 2024 at Firodia Auditorium under the Civil Engineering Divisional Board. Dr. Sunil Thakare, Chairman of the Board of Studies, Civil Engineering, Savitribai Phule Pune University, inaugurated the workshop by sharing insights on recent advancements and challenges in Structural Engineering. The inaugural session featured lectures by Dr. Shreenivas Londhe, who spoke on the Application of Artificial Neural Network (ANN) in Civil Engineering, and Mr. Usuf Inamdar, who highlighted the challenge of developing concrete without cement and aggregate in the future.

In the technical session, Mr. Usuf Inamdar elaborated on sustainable alternatives for concrete production. Er. Kantish Chourpagar emphasized the advantages of cold-formed light gauge sections in steel structure design, while Dr. Jyoti Bhusari, Dr. Suhasini Madhekar, and Dr. Manjunath Bhogone collectively guided participants on research opportunities in Structural Engineering for dissertations. The workshop served as an effective platform for postgraduate students to explore emerging topics and innovative directions in their field.

Two Days Workshop on Structural Dynamics Theory and Applications

The Institution of Engineers (India) Pune Local Centre had organised two days Workshop on **Structural Dynamics Theory and Applications** on November 14-15, 2024 jointly with Sinhgad College of Engineering, Pune & Indian Society of Earthquake Technology Pune Chapter. Er. Anil Panjwani was present as Chief Guest for the Inaugural function.

In the Inaugural function, Dr. S. S. Shastri Convener welcomed the guests and participants and briefed about the theme of the Workshop. Dr. S. S. Shastri felicitated the Chief Guest by presenting bouquet and memento. In his inaugural address, Mr. Panjwani emphasized the importance of structural dynamics in modern engineering and encouraged participants to explore innovative solutions in their respective fields. The course covered fundamental and advanced concepts in structural dynamics, including key derivations, vibration control, seismic response, and emerging trends. The function ended with vote of thanks proposed by Dr. J. P. Bhusari.

On first day, in Technical Session I on Introduction to Structural Dynamics, Dr. M. V. Bhogone introduced key concepts such as **natural frequencies, modes of vibration, and damping**, explaining how they impact the behavior of structures under dynamic loads. Using **practical examples**, he related these concepts to real-world applications in buildings, bridges, and other structures. Dr. Bhogone emphasized the importance of understanding these principles for designing resilient structures that can withstand dynamic forces like wind and earthquakes. **In Technical Session II on Single Degree of Freedom (SDOF) Systems, Dr. J. P. Bhusari** focused on the analysis and behavior of **Single Degree of Freedom (SDOF) systems**, a fundamental concept in structural dynamics. He explained the mathematical modeling of SDOF systems and how

they are used to analyze the dynamic response of structures under various types of loads, such as impulse, sinusoidal, and earthquake forces. Dr. Bhusari also covered key topics such as **equations of motion, damping effects, and resonance** in SDOF systems. **Technical Session III on Analysis of Multi-Degree of Freedom (MDOF) Systems**, was addressed by **Dr. D. I. Narkhede**. In this session, Dr. Narkhede focused on the analysis of **Multi-Degree of Freedom (MDOF) systems**, which are more complex than SDOF systems and are commonly encountered in real-world structures like buildings and bridges. He explained the principles of **equations of motion** for MDOF systems and how they are derived. Dr. Narkhede also covered methods for solving these equations, including **matrix methods** and **modal analysis**, to determine the dynamic response of structures. He discussed **normal modes of vibration** and the significance of **modal superposition** in solving MDOF problems.

On Second Day, **Technical Session I** on "**Arbitrary and General Dynamic Loadings**," was delivered by **Dr. M. V. Bhogone**. The session provided insights into analyzing complex and irregular dynamic forces, with practical examples that made the concepts easier to understand.. **Technical Session II on Seismic Analysis of Buildings** was conducted by **Dr. S. N. Madhekar**. In this session, Dr. Madhekar focused on the principles of seismic analysis, particularly how buildings respond to seismic forces. She explained key techniques for earthquake-resistant design, highlighting the importance of understanding structural behavior during an earthquake. The session included real-world examples of seismic events and building failures, providing practical insights into designing safer structures. In the afternoon, **Technical Session III on Continuous Systems** was conducted by **Dr. M. V. Bhogone**. In this session, Dr. Bhogone covered the analysis of continuous systems, which are important in structural dynamics due to their complex behavior and applications in real-world structures. He explained the fundamental principles of continuous systems, including vibrations and stability analysis, using practical examples to illustrate the concepts. During **Technical Session IV on Dynamic Analysis of Bridges**, **Mr. M. N. Govind** focused on the dynamic behavior of bridges under various loads. Mr. Govind used the example of the **Nagpur Metro Bridge** to illustrate the application of dynamic analysis in real-world bridge design. He explained how advanced software tools are used in the design process, highlighting their role in simplifying complex calculations related to vibration analysis, load distribution, and structural stability.

During the **Valedictory Session**, Dr. J. P. Bhusari congratulated the participants for their active involvement throughout the course. She emphasized the importance of continuing education and staying updated with the latest advancements in structural dynamics. Dr. Bhusari also highlighted the practical applications of the concepts discussed during the course and encouraged participants to apply the knowledge gained in their professional work. The session concluded with the distribution of certificates, marking the successful completion of the course.

One day Workshop on Seismic Safety Assessment of Dams

The Institution of Engineers (India) Pune Local Centre, & Indian Society of Earthquake Technology Pune Chapter jointly had organised One day workshop on **Seismic Safety Assessment of Dams** on January 10th, 2025. Dr. Ishwar Gupta was present as Chief Guest for the Inaugural function. In the Inaugural function, Dr. S. N. Madhekar Convener welcomed the guests and participants and briefed about the theme of the Workshop. Er. Vasant D Pandarkar, Chairman felicitated the Chief Guest Dr. Ishwar Gupta. In his inaugural address, Dr. Ishwar

Gupta highlighted the importance of evaluating dams' stability during seismic events. He discussed methods for assessing seismic risks, including hazard analysis and dynamic response evaluation. Dr. Gupta emphasized the need for comprehensive assessments to ensure dam safety in earthquake-prone regions and the importance of regular monitoring and updating safety measures. The function ended with vote of thanks proposed by Dr. Uttam R Awari Hon Secretary.

Technical Session I was conducted by Dr. R. K. Suryawanshi Former Chief Engineer (CWC), Emeritus Professor (CoEP), Chairman, (Dam Safety Panel, GoG). He talked about Comprehensive Dam safety Evaluation which is the need of the hour. Technical Session

II was taken by Shri Deepak Modak, Chairman Dam Safety Review Panel, WB, Pune Region, Member Dam Safety Committee, Goa State, Former Chief Engineer, Hydro Electric Projects, Maharashtra, in which presented Seismic history of Western Ghats with reference to Koyna dam In Technical Session

III, Dr. Sharad Joshi, Prof and Ex-Principal, KLE Institute of Technology, Hubli. Vice chairman, DSRP (Dam Safety Review Panel), Govt. of Karnataka. Member, DSRP, Govt. of Maharashtra, Gujarat and Bihar discussed about the Seismic evaluation and retrofitting of Gravity dams with a case study of Koyna dam.

Workshop on Climate X Change: Green Hackthon

Pune Local Centre of The Institution of Engineers (India) organized a workshop on theme of Climate X Change: Green Hackthon on 15th January 2025 for Engineers, Architects and other Professionals for mapping & reduction of Carbon foot prints in the ever expanding cities, sustainable development and their impacts on climate and environment etc. Dr. Karan Chavan and Ms. Simona Jadronova from Toronto, Canada were the keynote speakers and Dr. Ajay Fulambarkar , Former Principal PCCOE was present as Guest of Honor. Er. Avinash Surve , former Secretary , WRD ,Govt. of Maharashtra graced the function as special Guest.

Er. Ar. D.G. Patil briefed the participants about the theme of the workshop. Er Rajendra kumar Saraf welcomed the participants and felicitated the Guest. In his presentation, Dr. Chavan focused on the issues like evaluation criteria for mitigation and also Carbon footprints like Novelty, Ease of implementation techniques, carbon impacts, scalability and cost effectiveness. Ms Simona shared her views on various equipment like Emission less Pyrolysis unit, APX - Liquid Energy technique etc. Prof (Dr) Ajay Fulambarkar stressed on public transportation systems and food habits of residents and appealed to society to change the food habits as vegetarian diet instead of Non-vegetarian diet and for consumption of seasonal food in order to reduce the Carbon foot Prints. Er. Saraf in his presentation shared his views on Green building Construction & materials, life cycles of buildings and challenges before design engineer and site Engineers etc. He also spoke on the use of renewable Energy for sustainable green environment. During the workshop there was exchange of Ideas among the eminent speakers and the participants on the possible and viable solutions for mitigation measures for solving the environmental hazards. Er. Ar. D. G. Patil proposed the vote of thanks.

One Day National Seminar on Circular Economy for Sustainable Development

The Institution of Engineers (India) Pune Local Centre organized a One Day National Seminar on "Circular Economy for Sustainable Development" on 24th January 2025, under the aegis of the Environmental Engineering Divisional Board of IEI. The seminar was held in association with several institutions, including AISSMS College of Engineering, Pimpri Chinchwad College of Engineering, MIT WPU, DY Patil College of Engineering, S G Balekundri Institute of Technology Belagavi, and Sinhgad College of Engineering. Dr. Rajendra Shende was present as Chief Guest for the Inaugural function. In the Inaugural function, Dr. Ratandip Joshi welcomed the guests and participants and briefed about the theme of the Workshop. Er. Rajendrakumar Saraf felicitated the Chief Guest Dr. Rajendra Shende by presenting plant and memento. In his inaugural address, Dr. Rajendra Shende was the keynote speaker for the session on "Net Zero & Circular Economy." His presentation likely focused on the critical role of circular economy principles in achieving net-zero emissions. In his talk, Dr. Shende may have highlighted how transitioning to a circular economy helps reduce waste, optimize resource utilization, and lower carbon footprints. He could have emphasized the significance of adopting sustainable practices in industries, energy sectors, and urban development to achieve Net Zero a state where greenhouse gas emissions are balanced by removals from the atmosphere. The inaugural session concluded with a vote of thanks proposed by Dr. Uttam R. Awari, Hon. Secretary, IEI Pune Local Centre.

All India Seminar on Emerging Trends in Engineering and Technology: Shaping the Future of Innovation

The Institution of Engineers (India), Pune Local Centre, organized Two-Day All India Seminar on Emerging Trends in Engineering and Technology: Shaping the Future of Innovation on March 19-20, 2025, under the aegis of the Interdisciplinary Coordination Committee, IEI, in association with AISSMS College of Engineering & Polytechnic, Pune Vishwanath Karad MIT World Peace University, Pune, Marathwada Mitra Mandal's Institute of Technology, Pune, Dr. D. Y. Patil University, Pune and Government Polytechnic, Pune. Dr. Nilesh Uke, Principal, Indira College of Engineering and Management, Pune graced the Inaugural session as Chief Guest. The Session began with the garlanding and lamp lighting of Bharat Ratna Sir M. Visvesvaraya, followed by a welcome address from Er. Vasant Pandarkar. Er. Ar. D. G. Patil, Co Convener of the seminar spoke about the theme of the Seminar. Er. Vasant Pandarkar felicitated Dr. Nilesh Uke. Dr Uke, in his keynote address, emphasized "Innovation, Inventions, and the Generation of Innovation from Everyday Ideas." He highlighted how small, day-to-day observations can lead to groundbreaking technological advancements. He encouraged professionals to cultivate curiosity and creative thinking, which are essential for driving innovation. He stressed the need for encryption, strong passwords, multi-factor authentication, and awareness of phishing attempts to protect sensitive information. The session concluded with Vote of thanks proposed by Er. Ar. D. G. Patil.

On first day, Six technical session were conducted on various sub themes of the seminar. The First technical session started with invited Lecture delivered by Dr. Sonali Nalamwar, Assistant Professor, AISSMS COE, on "Deep Learning: A Catalyst for Next-Generation Engineering

Solutions" Pune, She discussed the impact of deep learning in Engineering. She explained how deep learning enables machines to recognize patterns and solve complex problems in fields like structural health monitoring, smart grids, and predictive maintenance. Total 23 technical papers related to Computer Engg Division were presented during Six Technical sessions. Prof. Vaishali Ingale, Asst Prof, Information Technology, AIT, Pune ,Dr. Subhash Rathod ,HOD, Computer Engg, MMIT, Lohegaon, Pune and Dr. Swapnil Chaudhari Asst Prof, Computer Engg, MMIT, Lohegaon, Pune were invited as Judges for these technical Sessions.

On Second Day, Five technical Sessions related to Civil Engg, Electrical Engg, Mechanical Engg, E& TC Engg , Chemical Engg and Agriculture Engg Division were conducted. Technical Sessions of Second Day started with Invited Lecture on "Vector Control of AC Motor for Electric Vehicles" which was delivered by Dr. Aishwarya Apte, Asso Professor at AISSMS COE, Pune. In her lecture , Dr Apte discussed the significance of vector control (field-oriented control) in improving the performance of AC motors in electric vehicles (EVs). She explained how vector control enables precise regulation of motor speed and torque, enhancing efficiency and dynamic response. 17 technical papers were presented during these five technical Sessions. Dr. Ashivarya Apte, Asso Prof, AISSMS COE, Pune, Prof. A D Khare, Asst Prof, Mechanical Engg Deptt, PCCOE&R, Ravet, Pune , Dr. G. C. Chikute, Assoc Prof, Civil Engg Dept., AISSMSCOE, Pune, Er. D. G. Patil, IEIPLC, Pune, Prof. N. P. Mawale, Asst Prof, E & TC Dept., AISSMS COE, Pune, Dr. M. Y. Naniwadekar, HOD, Chemical Dept., AISSMS COE, Pune, and Dr Seema Suhas Patil Asso Prof were invited for Judging the Technical Sessions.

In the Valedictory Session, Dr Pramod Patil, graced the function as Chief Guest. In his Lecture, Dr Patil spoke on "Emerging Trends in Technology, Block chain, and Research Writing." He highlighted how rapid advancements in technology are transforming industries and emphasized the growing significance of block chain technology in ensuring data security, transparency, and decentralization across sectors like finance, healthcare, and supply chain management. The Function concluded with vote of thanks proposed by Er. D. G. Patil.

Report of Major Technical Activities (Statutory Days Celebrated)

Celebration of World Water Day - Water for Peace

The Institution of Engineers (India), Pune Local Centre, in association with Marathi Vidyan Parishad, Rotary Club of Pune Uptown, Central Water & Power Research Station, National Water Academy Pune, Jeevitnadi Living River Foundation, Eco-logic Foundation, and Rotary International District 3131 Youth & Environment Committee, organized a webinar on World Water Day – “Water for Peace” on 25th April 2024. The program was presided over by Dr. Uttam R. Awari, Hon. Secretary, IEI Pune Local Centre, while Er. Rajendrakumar V. Saraf, Convener, briefed about the theme. The event witnessed the participation of 71 attendees, along with a poster competition based on the theme, where five students were awarded prizes.

The keynote speakers included Mr. S. N. Pande, Director (Design), National Water Academy, who emphasized the Academy’s vision of building skilled water resources professionals; Dr. Saji Baby, Director, Department of Sustainable Development, MIT, who highlighted the role of water cooperation in fostering harmony and resilience; Dr. Prasad Sevekari, Secretary of RedR India and Trustee of Pani Panchayat, who explained the social tensions arising from unequal water access; and Mr. Kuldeep Malik, Scientist-C, CWPRS, who discussed integrating hydropower with irrigation facilities. The session concluded with a vote of thanks by Dr. Uttam R. Awari, Hon. Secretary, IEI Pune Local Centre.

Celebration of World Telecommunication and Information Society Day

The Institution of Engineers (India) Pune Local Centre hosted webinar on Saturday, 25 May 2024 jointly with The Institute of Electrical and Electronics Engineers (IEEE), Pune Section, The Institution of Electronics and Telecommunication Engineers (IETE), Pune Centre and The Institution of Engineering & Technology (IET), Pune Network to celebrate World Telecommunication and Information Society Day. Dr. Alok Nath De, CTO – X trans Solutions, Adjunct Prof, IISc Bangalore, CTO & CVP (Retd), Samsung was the theme speaker. The theme for the celebration was “**Digital Innovation for Sustainable Development**”.

The program started with a welcome address given by Prof(Dr) G. S. Mundada, Council Member and Chairman, CATE, IEI. In his address, he mentioned the need of having collaboration of technical societies to widely benefit the engineering fraternity. He emphasized the relevance of the given theme in tune with the Ministry of the Government of India, that is keen on promoting the IPR generation to boost the Start-ups, Make in India and Atmanirbhar Bharat Abhiyan. Prof. Dr Sanjay Zope, Imm Past Chairman, Pune Local Centre spoke about IEI and its activities., Dr. Surekha Deshmukh, Chairman IEEE, Pune Section briefed about IEEE, Dr. Virendra Shete Chairman IETE, Pune Centre talked about IETE and Dr. Vaidya, Jt. Secretary-IET, Pune Local Network, narrated the activities of IET. Dr. Amar Buchade, Treasurer IEEE introduced the theme and Prof. Mandar Khurjekar, former Scientist, CWPRS introduced the theme speaker.

Dr De, in his address explained how digital innovation may help link everyone and create sustainable prosperity for all. He narrated on projects in Digital Health, AI, Food Systems

Agriculture and Cyber Physical Systems. His address also included the case studies in Cleaner Production- Pollution Management, Energy Management, Recycling Waste Treatment and Water Plaza integrating both membrane treatment of sewage and seawater desalination, Assistive Technology, Industry 5.0 and Society 5.0. The speaker appreciated the collaboration of 4 organizations, IEI, IETE, IEEE & IET of Pune Professional Networks for over a decade for the Celebration of World Telecommunication and Information Society Day and said it's a unique model that needs to be replicated across the technical sphere.

Since the program was online and widely publicized through social media, the participants from various locations could join and formed a diversified pool of practicing engineers, researchers, students and members of various professional societies. The QA session was moderated by Dr. Bhalke, Hon. Secretary IETE. The program concluded with the vote of thanks, proposed by Prof. Dr. Uttam Awari, Hon. Secretary, IEI PLC.

Celebration of World Environment Day

The Institution of Engineers (India), Pune Local Centre celebrated World Environment Day in association with Central Water & Power Research Station, National Water academy Pune, Indian Plumbing Association Pune, Marathi Vidnyan Parishad Pune, D Y Patil College of Engineering Akurdi, Eco-Logic Foundation and Rotary International District 3131 Supporting the Environment Avenue and Rotary Club of Pune Uptown on Sunday, 21 Jun 2024. Shri Anand Chordia Director Technology & Innovation, Suhana Spices graced the function as Chief Guest and Prof Dr. T P Singh, Director, Symbiosis Institute of Geo-informatics was keynote Speaker. Shri S N Pandey, Director National Water Academy, Dr. V M Prabhakar, Scientist, Central Water and Power Research Station, Dr. A B More, Head of Department Civil Engineering, D Y Patil College of Engineering Akurdi, Dr. Sujata Kodak, Director Eco-Logic Foundation, Rotarian Anup Karnik, President Rotary Club of Pune Uptown, Rtr Rutuja Kumbhar, President Rotarian Club of GEM were also present during the function.

Dr. Girish S Mundada, Council member and Past Chairman, Pune local Centre, IEI, extended a warm welcome to the guests and participants. Er. Rajendrakumar V Saraf, President Marathi Vidnyan Parishad Pune and Convener of the event spoke on the theme. Rtn Popatrao Chavan introduced Chief Guest & Dr. Mundada, felicitated Chief guest. Dr. A B More introduced Dr. T P Singh. Dr. V M Prabhakar felicitated him. A Short Play on SAVE TREE was presented by volunteers from Centre for Youth development to the audience.

Dr. T P Singh delivered lecture on theme **“Our Land Our Future”**. He reiterated the need to develop the forests, review the water sources and restore the soil. He said that World Environment day is an opportunity to highlight the need for collective climate action to protect and restore our planet. He emphasized on finding sustainable ways to live, work accordingly and way to reduce biodiversity loss, free of pollution and protect our planet for future generation. Shri Anand Chordia spoke on Net zero and Sashwat Bharat Setu. He said Sashwat Bharat setu acts as a bridge towards a net zero future. Net zero will be achieved when all emissions released by human activities are counter balanced by removing carbon from the atmosphere. The vote of the thanks was proposed by Dr. Uttam R Awari, Hon. Secretary of the Pune Local Centre, IEI.

Prof M V Deshpande Memorial Lecture

Pune Local Centre organized Prof. M. V. Deshpande Memorial Lecture on 31st August 2024 in association with IEEE, PES Section, Pune. Shri Jayant Deo graced the function as Chief Guest and Shri Dilip Vairagkar was the Memorial Lecture Speaker. The programme started by a welcome speech by the Shri Mukund Toke, Convener. He explained the legacy of Prof. M.V. Deshpande particularly in the field of Electrical Engineering and Power Plant Engineering. He also briefed about the history behind the programme. Dr. Uttam Awari, Hon Secretary felicitated both the guests. In his key note Speech Shri. Dilip Vairagkar explained the importance of Supercritical Power Plant. He started with explanation as how it is different from Subcritical Power Plant and then went ahead explaining the superiority of Supercritical Power Plants. Shri. Jayant Deo in his speech briefed about what is AI in a lucid manner and how it got developed as a tool. He explained in detail how AI will affect various professional skills that are in market today. He also explained what type of skills will be in demand in market in future and appealed to youngsters to think in those lines to concentrate on these skills. Ms. Anjali Bhatt and Mr. Utkarsh Patil were awarded prizes for securing the first rank and second rank in third year Electrical Engineering of COEP at the hands of Dr. Geetanjali Vaidya of IEEE. Shri Mukund Toke proposed the vote of thanks.

Celebration of Royal Charter Day

The Institution of Engineers (India), Pune Local Centre, organized a webinar on Royal Charter Day on 11th September 2024, which was attended by 24 participants. The program was presided over by Dr. Uttam R. Awari, Hon. Secretary, IEI Pune Local Centre, who welcomed the gathering and highlighted the importance of the occasion. Senior member Shri Mukund Toke was also present on the dais. The Chief Guest, Prof. Dr. Girish Mundada, Chairman of CATE and Council Member, was felicitated by Shri Mukund Toke.

In his keynote address, Dr. Girish Mundada spoke on “IEI: Royal Charter, PE Certification and Engineers Bill.” He explained the significance of celebrating Royal Charter Day across India and traced the history of IEI from its establishment in 1920 to receiving the Royal Charter in 1935, an honor shared with only a few globally renowned institutions like Oxford and Cambridge Universities. He also outlined the legal journey of engineering regulation in India, highlighting the pending status of the Engineers Bill since 1980, in contrast to the regulated frameworks for doctors and lawyers. The program concluded with a vote of thanks proposed by Dr. Uttam R. Awari, followed by refreshments.

Celebration of 57th Engineers Day

57th Engineers Day celebrated by The Institution of Engineers(India), Pune Local Centre on 15 Sep 2024 to mark the birth anniversary of Bharat Ratna Sir Mokshagundam Visveshwaraya. Mr.Satyajit Nimbalkar, CEO, Long Span Structures Pvt Ltd. graced the function as Chief Guest, Mr. Nitin Mahajan, Director Cloud Energy Management Platform, Pune was the Guest of Honour and Dr. Vaibhav Hendre, Deputy Director G H Raison College of Engg. & Management was Key note Speaker. The Theme of this year's Celebration was **“Driving Sustainability with Engineering Solutions Embracing the Latest AI Driven**

Technologies”. At the outset, Er. Vasant Pandarkar Chairman, Pune Local Centre welcomed the Guests and participants and briefed about the activities of IEI. Er. Narendra Bonde and Er. Gayatri Mawale introduced the Guests. Guests were felicitated by Dr. G.S. Mundada, Council Member IEI, Er. Vasant Pandarkar, & Dr. Uttam Awari ,Hon. Secretary , Pune Local Centre.

Dr. Vaibhav Hendre, while delivering talk on the theme emphasised on use of AI for Wireless communication and enumerated research challenges in Millimetre Wave Massive MIMO etc. Mr. Nitin Mahajan, Director in his address discussed about the cloud management. He also elaborated with Engineering solution about the process, Automation, Delivery management, Product and Platform development & implementation in IT industry. He also focused on communication and media services using AI.Mr. Satyajit Nimbalkar in his address explained the role of Engineers in the construction of Bridges of longer span in a nation’s development. He stressed the need of implementation of UHPFRC concrete technology in India for more durable, sustainable infrastructure and use of green construction material seeking the best solutions to achieve greener effect for a sustainable development.

During the function, Dr. R. K. Jain, Vice Chancellor, Ajinkya D Y Patil University, Pune was felicitated for his achievements in technical education. In his key address, he underscored the crucial role played by Engineers in development of Nation.he also spoke on the contribution of Sir Mokshagundam Visvesvaraya, the first engineer of our country to the designing of various bridges and many more projects. He emphasizing that Engineers should harness innovation and cutting-edge advancement to create smarter systems.The function ended with vote of thanks proposed by Dr Uttam Awari, Hon Secretary.

World Habitat Day Celebration

The Institution of Engineers (India), Pune Local Centre, organized a webinar on World Habitat Day on 15th October 2024, based on the theme “Engaging Youth to Create a Better Urban Future.” The session was introduced and moderated by Ar. Er. D. G. Patil, who welcomed the keynote speaker and participants while also briefing them about the activities of the Pune Local Centre. A total of 34 participants attended the program.

The keynote address was delivered by Ar. Priya Gokhale, Founder of WIDE Angle Forum and Chief Editor of Design Vista magazine. She emphasized the critical role of youth in tackling challenges of rapid urbanization, sustainability, and inclusivity, while highlighting the need for innovation, collaboration, and technology in urban planning. Ar. Gokhale urged young professionals to take responsibility in shaping resilient and equitable cities that are prepared for the future. The event concluded with an interactive Q&A session, followed by a vote of thanks proposed by Past Hon. Secretary, Dr. V. V. Munot.

10th B G Walimbe Memorial Lecture

The Institution of Engineers (India), Pune Local Centre organised 10th B. G. Walimbe Memorial Lecture on Friday, 25th October 2024 on the theme “**Technology in Nature Conservation.**”, Shri D. S. Chaskar, Chief Engineer , National Water Academy (NWA), Pune graced the function as Chief Guest and Dr.Satish Pande, Interventional radiologist, KEM Hospital, Conservationist and researcher from Pune was keynote Speaker. Er. Vasant D. Pandarkar, Chairman welcomed the Guests and audience and briefed them about the activities

of the Pune Local Centre. Er. Narendra Bonde, Committee Member, and Convener introduced Chief Guest and Keynote Speaker and Er Pandarkar felicitated both the Guest.

In his keynote lecture titled **"Technology in Nature Conservation"**, Dr.Satish Pande emphasized the transformative role of technology in enhancing conservation efforts. He highlighted various innovative tools, such as drones for monitoring wildlife, satellite imaging for habitat mapping, and data analytics for tracking species populations. Dr.Pande illustrated how these technologies not only improve efficiency but also foster greater public engagement in conservation initiatives. He urged the audience to embrace these advancements, advocating for a collaborative approach that integrates technology with traditional conservation methods. His passionate message underscored the importance of harnessing technological advancements to protect biodiversity and preserve ecosystems for future generations.

In his address, Shri D. S. Chaskar, emphasized the importance of the Sardar Sarovar Project as a vital infrastructure initiative for water management and regional development. He acknowledged the challenges highlighted during the lecture, particularly the need for a balanced approach that considers both community welfare and environmental sustainability. He urged all stakeholders to collaborate more effectively, stressing that open dialogue and innovative solutions are crucial for overcoming obstacles. Shri Chaskar also underscored the role of technology in enhancing project efficiency and ensuring equitable distribution of resources, ultimately aiming for a harmonious integration of development and conservation. The event concluded with a vote of thanks proposed by Dr.Uttam R. Awari, Hon. Secretary expressing gratitude to all dignitaries and participants.

Celebration of 66th Foundation Day

The Institution of Engineers (India), Pune Local Centre celebrated 66th Foundation Day on 29th Nov 2024. Dr. Hanumant T Dhumal, Chief Engineer (Specified project), Water Resources Dept ,Pune, Govt of Maharashtra was the Chief Guest and Shri Deepak Khirey, Lead Data Scientist, Nielsen IQ, Pune was present as Guest of Honor. Er. Vasant Pandarkar Chairman, Pune Local Centre welcomed the Guest and audience and briefly narrated activities of the Centre. Prof K K Ghosh, Past Chairman and Convener spoke about the Foundation Day program and highlighted the achievements of Pune Local Centre. Prof Ghosh introduced the Chief Guest and Guest of Honor to the audience and Er Pandarkar felicitated both the guests. Er Deepak Khirey delivered a lecture on” **Data Science: Potential for Effective Decision Making and Innovations**”. In his talk, he emphasized the transformative power of data science in enabling organizations to make well-informed decisions and foster innovation. He highlighted real-world applications of data analytics, shared industry trends, and discussed the critical role of data-driven strategies in shaping the future. Shri Khirey also inspired the audience to embrace a culture of curiosity and continuous learning to thrive in this rapidly advancing field. He also talked about various career opportunities in the field of Data Science and different skills required for professional growth in this field.

Dr Dhumal in his address, underscored the critical importance of integrating data science into resource management, particularly in water resource planning and optimization. He shared insights into how data-driven approaches are being utilized to improve efficiency, predict outcomes, and address challenges in the water sector. Dr.Dhumal also highlighted the need for interdisciplinary collaboration and innovative thinking to harness the full potential of data science for sustainable development. Past Chairmen and Hon Secretaries of Pune Local centre were felicitated by Dr Dhumal for their dedication towards IEI. During the function, a book on **“Mastering Prompt Engineering”** written by Prof (Dr) R K Deshpande, Fellow Member

of IEI & Dean, Faculty of Science & Technology, JSPM University, Pune was launched by dignitaries present during the function. The function concluded with the Vote of thanks proposed by Dr Uttam Awari, Hon. Secretary, Pune Local Centre.

Celebration of World Engineering Day

The Institution of Engineers (India), Pune Local Centre celebrated World Engineering Day jointly with AISSMS College of Engg, Pune, AISSMS Polytechnic, Pune and Marathi Vidyan Parishad, Pune division on 4th March 2025 on the theme **“Unleashing the power of Engineers to Advance the Sustainable Development Goals”**. Dr Deepak Shikarpur, AI Expert graced the function as Chief Guest and Er Dhaval Jitkar, Managing Committee Member, AISSMS, Pune was Guest of Honour.

The function started with the IEI Anthem, lighting of the lamp, and a floral tribute to Bharat Ratna Sir Mokshagundam Visvesvaraya by all dignitaries. Er. K. K. Ghosh, Past Chairman and Committee Member, Pune Local Centre, welcomed the guests and participants and briefed them about the activities of IEI. Er. Rajendra Saraf, President, Marathi Vidyan Parishad, Pune Division, and Co-Convener of the program, spoke about the theme. Er. D. G. Patil, Committee Member, PLC, introduced the Chief Guest, and Er. K. K. Ghosh felicitated him. Dr. M. Y. Naniwadekar, Committee Member, PLC, introduced Er. Dhaval Jitkar, and Dr. Uttam Awari, Hon. Secretary, PLC, felicitated him.

Er. Dhaval Jitkar, Managing Committee Member, AISSMS, Pune, delivered an insightful address on the significance of engineering innovations in achieving the Sustainable Development Goals (SDGs). He emphasized the crucial role of engineers in driving advancements in renewable energy, resilient infrastructure, water and waste management, smart irrigation, and lean manufacturing. He highlighted how these sectors contribute to sustainability and the need for efficient resource utilization and eco-friendly technologies. Er. Jitkar also stressed the importance of collaboration between scientists, engineers, policymakers, and communities to develop sustainable solutions. His address underscored the responsibility of engineers in shaping a sustainable future through innovation, research, and ethical practices.

Dr. Deepak Shikarpur delivered an insightful address on the role of Artificial Intelligence (AI) and emerging technologies in achieving sustainability goals. He highlighted how AI, Artificial General Intelligence (AGI), and Prompt Engineering are transforming industries by optimizing processes, reducing waste, and improving efficiency. He emphasized the need for engineers to embrace digital transformation and leverage AI-driven solutions for renewable energy, smart infrastructure, and resource management. Dr. Shikarpur also stressed the ethical implications of AI and the importance of using technology responsibly to create eco-friendly and sustainable solutions. The function concluded with a vote of thanks proposed by Dr. Uttam R. Awari, Hon. Secretary. Prof. A. N. Gedam, Committee Member, PLC was the Convener of the function.

WORLD WOMENS DAY

The Institution of Engineers (India), Pune Local Centre, celebrated World Women's Day on 17th March 2025 at Kale Hall. The program was graced by Dr. Mrs. Sushma Kulkarni, Vice Chancellor, NICMAR University, Pune, as the Chief Guest, and Mrs. Smita Nisal, General Manager, Kirloskar Oil Engines, Pune, as the Guest of Honor. The event highlighted women's contributions in engineering and technology, with Er. K. K. Ghosh welcoming and felicitating the dignitaries. Dr. Aishwarya A. Apte set the context by emphasizing the importance of Women's Day in recognizing the achievements and potential of women in technical fields.

The Guest of Honor, Mrs. Smita Nisal, stressed women's leadership in driving innovation, inclusivity, and sustainable development, while also highlighting the importance of mentorship and perseverance in male-dominated fields. The Chief Guest, Dr. Sushma Kulkarni, shared her inspiring journey, underlining the role of education, resilience, and gender diversity in shaping the future of engineering. Their addresses motivated young professionals to embrace leadership and break barriers through innovation and ethical practices. The program concluded with a vote of thanks by Dr. Aishwarya A. Apte, followed by networking over high tea.

Auditor's Report, Income-Expenditure Statement and Balance Sheet.



SHAH KOTHADIYA & ASSOCIATES CHARTERED ACCOUNTANTS

Address: Shreenath Plaza, Office No. 29, C-Wing, 1st floor,
Near Dnyaneshwar Paduka Chowk, Shivajinagar, Pune-411005
Ph: 9850844251, Email: shahkothadiya@gmail.com

ANNEXURE-II

INDEPENDENT AUDITOR'S REPORT

To

The Members

The Institution of Engineers (India) Pune Local center,

Report on the Financial Statements

Opinion

We have audited the accompanying financial statements of **The Institution of Engineers (India) Pune Local Center** ("the Institution"), which comprise the Balance Sheet as at 31st March, 2025 signed by us under reference to this report and the related Income and Expenditure Account and the Cash Flow Statement for the year then ended, and notes to the financial statements, including a summary of the significant accounting policies and other explanatory information (hereinafter referred to as "financial statement").

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements of the Institution give the information in accordance with the generally accepted accounting principles and the applicable Accounting Standards issued by the Institute of Chartered Accountants of India and read with the Other Matters paragraph below, give a true and fair view of the state of affairs of the Institution as at March 31, 2025 its surplus/(deficit) and its cash flows for the year ended on that date.

Basis for Opinion

We conducted our audit of the financial statements in accordance with the Standards on Auditing (SA) issued by the Institute of Chartered Accountants of India. Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Institution in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India (ICAI) together with the independence requirements that are relevant to our audit of the financial statements and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ICAI's Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.



Management's Responsibility for the Financial Statements

The Management is responsible for the preparation of these financial statements that give a true and fair view of the state of affairs and result of operation of the Institution in accordance with the accounting principles generally accepted in India, including the applicable Accounting Standards. This responsibility also includes maintenance of adequate accounting records for safeguarding the assets of the Institution and for preventing and detecting frauds and other irregularities, selection and application of appropriate accounting policies, making Judgments and estimates that are reasonable and prudent, and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statement that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institution's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institution or to cease operations, or has no realistic alternative but to do so.

The management of the Institution is responsible for overseeing the Institution's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements. As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit.

We also:

Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

Obtain an understanding of internal financial controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances.

Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institution's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify



our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Institution to cease to continue as a going concern.

Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

Obtain sufficient appropriate audit evidence regarding the financial information of the Institution to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the audit of the financial statements of the Institution of which we are the independent auditors. For the financial statements of the branches incorporated in these financial statements which have been audited by other auditors, such other auditors remain responsible for the direction, supervision and performance of the audit carried out by them. We remain solely responsible for our audit opinion.

Materiality is the magnitude of misstatements in the financial statements that, individually or in aggregate, makes it probable that the economic decisions of a reasonably knowledgeable user of the financial statements may be influenced. We consider quantitative materiality and qualitative factors in (i) planning the scope of our audit work and in evaluating the result of our work; and (ii) to evaluate the effect of any identified misstatements in the financial statements.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Other Matters

Disclosure on other matters has been reported in the Annexure-III & Annexure-A annexed herewith along with other observation stated below. Our opinion is not modified in respect of these matters.

We further report that:

1. We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit;
2. In our opinion proper books of accounts as required by law have been kept by the Institution so far as appears from our examination of those books;
3. The Balance Sheet, the Statement of Income and Expenditure and the Cash Flow Statement dealt with in this Report are in agreement with the books of account.



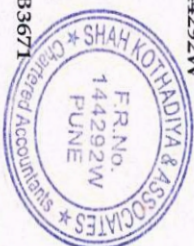
THE INSTITUTION OF ENGINEERS (INDIA) : PUNE LOCAL CENTRE
ANNEXURE-1
Balance Sheet as at 31st March 2025

31st March 2024 Rs.	LIABILITIES	Schedules	31st March 2025 Rs.	31st March 2024 Rs.	A S S E T S	Schedules	31st March 2025 Rs.
43,708,164	Reserve & Surplus	7	45,934,808	9,821,415	Fixed Assets	1	11,955,003
3,121,233	Capital Reserve	8	3,121,233	34,940,868	Investments : Long Term		
					Fixed Deposits with Banks	2	34,148,706
					Current Assets		
					Stock	3	-
844,886	Earmarked Funds	9	861,174	-	Sundry Receivables	4	-
				1,608,650	Cash & Bank Balances and short term Fixed Deposits with Banks	5	1,161,142
1,367,703	Current Liabilities & Provisions	10	1,355,354	1,286,769	Other Advances	6	1,458,692
-			-	1,384,285	Interest Outstanding and accrued on Investments	2	2,549,026
49,041,986	TOTAL		51,272,569	49,041,986	TOTAL		51,272,569

This is the Balance Sheet referred to in our report of even date.

For Shah Kothadiya & Associates
 CHARTERED ACCOUNTANTS
 Firm Registration No. 144292W

Anupam Shah
 Partner
 Membership No. 107043
 UDIN: 25107043BNFVHB3671
 Place : Pune



Place: Pune

Dr. Uttam R. Awari
 Honorary Secretary

Er. Vasant D. Pandarkar
 Chairman



THE INSTITUTION OF ENGINEERS (INDIA) : PUNE LOCAL CENTRE
Income and Expenditure Account for the year ended 31st March 2025

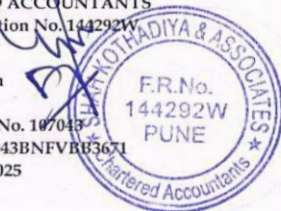
ANNEXURE-1

2023-2024		TOTAL	I N C O M E	R A T I O		2024-2025		TOTAL
Research & Development	Education			R & D	EDU	Research & Development	Education	
Rs.	Rs.					Rs.	Rs.	
			<u>Grant received from Head Quarter:</u>					
646,524	161,631	808,155	For Manpower Grant	21	79	109,933.11	413,557.89	523,491.00
-	-	-	For Sr/Jr Most Salaries	21	79	-	-	-
-	-	-	For Leave encashment	21	79	-	-	-
-	-	-	For Bonus/ Exgratia	21	79	-	-	-
-	-	-	For Staff Welfare Expenses	21	79	-	-	-
200,000	-	200,000.00	For Technical activities	100		-	-	-
25,000	-	25,000.00	For Seminars and Symposia	100		105,000.00	-	105,000.00
107,100	-	107,100.00	For National convention	100		-	-	-
-	-	-	For International Conference	100		-	-	-
-	-	-	For Council Meeting Grant	100		-	-	-
-	-	-	For Engineering Congress Grant	100		-	-	-
-	-	-	For Election Grant	100		-	-	-
-	-	-	For Technical publications	100		-	-	-
-	-	-	For Jubilee celebration	100		-	-	-
-	-	-	For opening New centre	100		-	-	-
-	-	-	For Best Centre award	100		-	-	-
-	-	-	For procurement of hardware for election	100		-	-	-
-	77,298	77,298	For Examinations Expenses		100	-	61,971.00	61,971.00
-	-	-	For Convocation Grant		100	-	-	-
-	-	-	For Technician/ students chapter		100	-	-	-
797,115	199,279	996,394	For Annual Recurring Grant	21	79	247,519.86	931,146.14	1,178,666.00
-	-	-	For Special Repairs Grant	21	79	-	-	-
-	-	-	For Land and Building Grant	21	79	-	-	-
-	-	-	For Non conventional energy Grant	21	79	-	-	-
4,800	1,200	6,000	For Incentives	21	79	7,560.00	28,440.00	36,000.00
-	-	-	For Special Grant	21	79	-	-	-
5,778	1,444	7,222	For reimbursement of TA/DA	21	79	-	-	-
-	-	-	For Miscellaneous Grant	21	79	-	-	-
1,786,317	440,852	2,227,169	Sub-Total (A)			470,012.97	1,435,115.03	1,905,128.00
			<u>Income Generated by Centre:</u>					
-	-	-	Receipts for National Convention of Division	100		-	-	-
21,440.00	-	21,440.00	Receipts from Seminars and Symposia	100		151,083.37	-	151,083.37
-	-	-	Receipts for Technical Activities	100		-	-	-
-	-	-	Sponsorship fees	100		-	-	-
-	-	-	Donations	100		-	-	-
-	1,450.00	1,450.00	Receipts for Continuing education		100	-	-	-
-	-	-	Receipts for Technicians' Chapter		100	-	-	-
-	-	-	Refresher Course Lecture		100	-	-	-
-	-	-	Advertisement	21	79	-	-	-
1,659,713	414,928	2,074,641.00	Interest from Investments & Bank Fixed Deposit	21	79	475,445.04	1,788,578.96	2,264,024
27,830	6,957	34,787.00	Interest from Savings Bank Accounts	21	79	9,409	35,397	44,806
306,901	76,725	383,626.00	Hall/Space rent	21	79	68,794	258,796	327,590
180,440	45,110	225,550.00	Rent received from guest house accomodations	21	79	69,718	262,272	331,990
-	-	-	Sale of Scrap	21	79	-	-	-
43,200	10,800	54,000.00	Miscellaneous Receipts	21	79	7,560	28,440	36,000
-	-	-	Liabilities no longer required written back	21	79	-	-	-
-	-	-	Sale of publication	21	79	-	-	-
-	-	-	Sale of Institution Ties and Badges	100		-	-	-
2,239,523	555,970	2,795,494	Sub-Total (B)			782,010	2,373,484	3,155,494
		5,022,663	: GRAND TOTAL (A+B) :					5,060,622

This is the Income and Expenditure Account referred to in our report of even date.

For Shah Kothadiya & Associates
CHARTERED ACCOUNTANTS
 Firm Registration No. 144292W

Anupam Shah
 Partner
 Membership No. 107043
 UDIN: 25107043BNFVB63671
 Date : 26/05/2025
 Place: Pune



Dr. Uttam R. Awari
 Honorary Secretary

Er. Vasant D. Pandarkar
 Chairman



THE INSTITUTION OF ENGINEERS (INDIA) : PUNE LOCAL CENTRE
Income and Expenditure Account for the year ended 31st March 2025

ANNEXURE-1

2023-2024		TOTAL	EXPENDITURE	RATIO		2024-2025		TOTAL
Research & Development	Education			R & D	EDU	Research & Development	Education	
Rs.	Rs.					Rs.	Rs.	Rs.
-	-	-	Salaries and Allowances, etc. to Permanent staff	100		-	-	-
814,901	-	814,901	Salaries and Allowances, etc. to Temporary staff	100		679,391	-	679,391
-	-	-	Staff welfare expenses	100		12,500	-	12,500
-	106,530	106,530	Direct Expenses for conducting Examination	0	100	-	65,038	65,038
-	-	-	Technical Publication	100	0	-	-	-
587	-	587	Expenses for National Convention of Division	100	0	-	-	-
76,068	-	76,068	Expenses for Seminars and Symposia	100	0	225,947	-	225,947
325,186	-	325,186	Expenses on Technical Activities	100	0	105,775	-	105,775
-	-	-	Refresher Course Lecture	0	100	-	-	-
-	-	-	Expenses for Technicians' Chapter Activities	0	100	-	-	-
-	-	-	Expenses for Continuing education	0	100	-	-	-
-	-	-	Prize Awarded	0	100	-	5,200	5,200
-	-	-	Convocation Expenses	0	100	-	-	-
36,329	-	36,329	Expenses for Lectures	100	0	8,111	-	8,111
23,540	-	23,540	Annual General Meeting Expenses	100	0	30,842	-	30,842
2,905	-	2,905	General Meeting Expenses	100	0	54,970	-	54,970
50,000	-	50,000	Indian Engineering Congress Expenses	100	0	-	-	-
-	-	-	Council Meeting Expenses	100	0	-	-	-
4,446	-	4,446	Committee Meeting Expenses	100	0	-	-	-
27,547	6,887	34,434	Data Processing Expenses	21	79	8,750	32,918	41,668
15,038	3,760	18,798	Printing and Stationery	21	79	3,837	14,434	18,271
3,470	868	4,338	Postage expenses	21	79	2,050	7,713	9,763
50,187	12,547	62,734	Telephone Expenses	21	79	7,049	26,517	33,566
105,296	26,324	131,620	Electricity Charges	21	79	28,010	105,370	133,380
-	-	-	Advertisement Expenses	21	79	3,045	11,455	14,500
9,123	-	9,123	Election Expenses	100	0	-	-	-
1,739	435	2,174	Bank Charges	21	79	666	2,507	3,173
597,540	149,385	746,925	Charges General	21	79	177,908	669,274	847,182
-	-	-	Insurance Charges	21	79	-	-	-
195,121	48,780	243,901	Rent, Rates and Taxes	21	79	55,423	208,498	263,921
39,626	9,906	49,532	Refreshment Expenses	21	79	11,330	42,622	53,952
17,600	4,400	22,000	Statutory Audit Fees	21	79	4,620	17,380	22,000
22,800	5,700	28,500	Other Fees	21	79	7,350	27,650	35,000
28,000	7,000	35,000	Internal Audit Fees	21	79	6,300	23,700	30,000
-	-	-	Legal Expenses	21	79	-	-	-
13,089	3,272	16,361	Repairs and Maintenance on Buildings	21	79	1,661	6,249	7,910
54,838	13,710	68,548	Repairs and Maintenance on Others	21	79	22,032	82,882	104,914
-	-	-	Books and Periodicals	19	81	-	-	-
13,201	3,300	16,501	Travelling and Conveyance	21	79	36	134	170
10,240	2,560	12,800	TA/DA to Committee Members	21	79	5,635	21,198	26,833
-	-	-	Bad Debts written off	21	79	-	-	-
-	-	-	Fixed assets written off	21	79	-	-	-
2,538,416	405,363	2,943,780	Sub-Total (C)			1,463,239	1,370,739	2,833,977
		2,078,883	Excess of Income/exp. over Exp./income [Surplus/(Deficit)] [(A+B) - C = D]					2,226,644
		5,022,663						5,060,622

This is the Income and Expenditure Account referred to in our report of even date.

For Shah Kothadiya & Associates
CHARTERED ACCOUNTANTS
Firm Registration No. 144292W

Anupam Shah
Partner

Membership No. 107043
UDIN: 25107043BNFVBB671
Date : 26/05/2025
Place: Pune



Dr. Uttam R. Awari
Honorary Secretary

Er. Vasant D. Pandarkar
Chairman



Schedule of Earmarked Funds annexed to and forming part of Balance Sheet as at 31st March 2025

31st March, 2024			31st March, 2025	
Amount	Amount		Amount	Amount
		PRIZE FUNDS:		
55,096		1. Dr.M Visvesvaraya Centenary Prize Fund		
-	55,096	Opening Balance	55,096	
		Add- Transfer from I/E A/C	-	55,096
34,736		2. V.G.Mehendaley Health and Safety Prize Fund		
-	34,736	Opening Balance	34,736	
		Add- Transfer from I/E A/C	-	34,736
46,720		3. Mrs. Leelavati Mehendaley Women Engineers/Entrepreneurs Prize Fund		
-	46,720	Opening Balance	46,720	
		Add- Transfer from I/E A/C	-	46,720
14,102		4. Prof. B.B.Deshpande Prize Fund		
-		Opening Balance	14,102	
-	14,102	Less- Prizes Paid	-	
		Add- Transfer from I/E A/C	-	14,102
39,776		5. CM Shah Concrete Technology Prize Fund		
-	39,776	Opening Balance	39,776	
		Add- Transfer from I/E A/C	-	39,776
32,313		6. Cooper Engineering Scholarship Fund Prize		
-	32,313	Opening Balance	32,313	
		Add- Transfer from I/E A/C	-	32,313
46,425		7. Prof.MV Deshpande Memorial Fund Prize		
-	46,425	Opening Balance	46,425	
		Add- Transfer from I/E A/C	-	46,425
21,728		8. NS Joshi Memorial Prize Fund		
-	21,728	Opening Balance	21,728	
		Add- Transfer from I/E A/C	-	21,728
111,778		LECTURE FUNDS:		
-	111,778	1. Silver Jubilee Memorial Lecture Fund		
		Opening Balance	111,778	
		Add- Transfer from I/E A/C	-	111,778
58,216		2. Prof. MV Deshpande Lecture Fund		
-		Opening Balance	58,216	
-	58,216	Add- Cheque Reversal / (Exp during the year)	-	
		Add- Transfer from I/E A/C	-	58,216
368,335		3. B.G. Walimbe Memorial Lecture Fund		
-		Opening Balance	383,996	
15,661	383,996	Less Expenses During the Year	-	
		Add- Transfer from I/E A/C	16,288	400,284
		SCHOLARSHIP FUNDS:		
	844,886	TOTAL		861,174

