



LOKNETE MA. HANMANTRAO PATIL CHARITABLE TRUST'S



ADARSH INSTITUTE OF TECHNOLOGY AND RESEARCH CENTER, VITA

August Month Newsletter

ENGINEERING

2025-26



THE INFORMANT

**Diary of Academics- Curricular, Co-curricular
and Extra Curricular Activities**

Editorial Chief

**Dr. P. S. Patil, Principal
Prof. T. S. Patil,
Chief-in-Editor**

Editorial Committee-

**Departmental Newsletter
Co-ordinators**

Engineering wing

Vision

To be the benchmarked Institute of excellence in technical education and research, committed to deliver competent human resource for prosperity and well being of the society.

Mission

- To impart the state of art technical education for generating engineers competent with fundamentals, design, analysis and investigation approach capable of handling modern tools.
 - To inculcate strong ethical and moral values in students to work in team for environment and sustainable development.
 - To strengthen communication, management skills and continuous learning attitude in young engineers dedicated for collaborative research for society through industry interactions.
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Celebration of Independence Day

15/08/2025 , by Mrs. T. S. Patil, Coordinator, Central Cultural Cell.

The 79th Independence Day of India was celebrated with great enthusiasm and patriotic fervor at Adarsh Institute of Technology and Research Center, Vita on August 15, 2025. The entire campus was filled with patriotism and love for our INDIA.

The event commenced at 7.30 am with the arrival of the Chief Guest, Dr. Dadasaheb Patil, MD in Rasashastra, a renowned scholar and practitioner in the field of Ayurvedic medicine. He was warmly welcomed by the Director, Principal, staff, and students.

The celebration began with the flag hoisting ceremony, followed by the singing of the National Anthem and Flag Song which filled the atmosphere with pride and unity.

Dr. Dadasaheb Patil addressed the gathering with an inspiring speech. He spoke about the importance of independence, the sacrifices made by freedom fighters, and the relevance of India's ancient knowledge systems such as Ayurveda and Rasashastra in modern times. He encouraged the students to take pride in their heritage while working towards a progressive future.

Various cultural performances were presented by the students, including patriotic songs, dances, speeches, and skits highlighting India's journey to independence and the values of unity and diversity.

The Principal of the institution also addressed the gathering, expressing gratitude to the chief guest and encouraging students to be responsible citizens of the country.

The program concluded with a vote of thanks delivered by Mrs. T. S. Patil, Central Cultural Coordinator, followed by the distribution of sweets to all attendees. The celebration successfully instilled a sense of patriotism, pride, and respect for the nation among everyone present.

Jai Hind!

Outcomes:

- 1) Develop a deeper appreciation for the sacrifices made during the freedom struggle and understand the importance of independence.
- 2) Come together to celebrate, promoting harmony and respect for India's rich diversity.
- 3) Inspires students to take initiative in civic duties, leadership roles, and contribute positively to society.



AITRC Celebrates 17th Foundation Day 11/08/2025

Tree plantation Event by Civil Engg. Dept.

Faculty members, staff, and students gathered at the designated location for plantation at 12.30pm. Saplings of native and eco-friendly species such as Mango, and Chiku were selected considering soil type, climate, and long-term survival. Pits were dug in advance by volunteers, filled with soil and manure to ensure plant growth. Each sapling was planted by students and faculty members with proper watering and mulching. The activity was coordinated by Mrs. J.R. Kadam (CESA coordinator). The activity concluded with a vote of thanks by Mr. P.R. Thorat (HOD), acknowledging the efforts of all participants.



First Year Induction Program - SHUBHARAMBH 2025

25/08/2025-30/08/2025, by Prof. H. S. Bhore , HoD of GSE Dept.

The Induction Program for first-year engineering students was successfully conducted to facilitate their smooth transition into the academic and professional environment. The program aimed to introduce the students to the institutional framework, engineering ethics, career opportunities, and foster a collaborative spirit within the department.

The program began on 25th August 2025 with a formal Welcome Ceremony, graced by distinguished guests including Ms. Pratiksha Kadam, Mr. Rajkumar Patil, Prof. P. A. Patil, and Prin. Dr. P. S. Patil. The event commenced with a traditional lamp lighting, followed by motivational speeches. Ms. Kadam encouraged students to embrace fearlessness and innovation, while Mr. Patil highlighted the importance of resilience and lifelong learning. The Campus Director, Ms. Pooja Patil, provided an insightful overview of the college's vision and expectations from the new engineers. This was followed by faculty introductions, campus orientation, and a student interaction session.

On the 26th and 28th of August, expert lectures were conducted by industry professionals and academic experts, covering vital topics such as the academic pattern, rules and regulations, autonomous exam system, library resources, emerging technological trends, industry scenarios, personality development, and research innovations. These sessions enriched students' understanding of both academic and professional landscapes.

An industrial visit on 29th August to Viraj Spinner, Viraj Dudh Sandh, and Viraj Sugar Factory provided students with practical exposure to live operations and engineering applications in the industry. This experience helped students grasp real-world engineering standards and workplace culture.

The department organized various activities on 28th August, including lab visits, equipment demonstrations, presentations by senior students on mini-projects, technical games, group-building activities, and cultural events. These activities fostered teamwork and provided hands-on learning opportunities.

First Year Induction Program - SHUBHARAMBH 2025

25/08/2025-30/08/2025, by Prof. H. S. Bhore , HoD of GSE Dept.

The program concluded with a closing ceremony where students shared their feedback and experiences. Faculty and coordinators delivered the final address, encouraging students to apply their learnings throughout their academic journey. Overall, the induction program was highly appreciated by the students, who felt well-prepared and motivated for their upcoming academic challenges. The combination of informative sessions, practical exposure, and warm interactions made the program a comprehensive and enriching introduction to engineering education.



First Year Induction Program

30/08/2025, by Civil Dept.

The induction programme for the First Year Degree students was successfully conducted with the objective of welcoming the new entrants and familiarizing them with the academic environment, departmental culture, and college facilities. The event was coordinated by Mrs. Jyoti Kadam, CESA Coordinator.

The programme began with a warm guidance speech by the Academic Dean, who emphasized the importance of dedication, discipline, and continuous learning in a student's academic journey. This was followed by a motivating address by Prof. P. R. Thorat HOD Civil Engineering, who shared insights into the department's achievements, resources, and the opportunities available for students. He Delivered Expert Lecture on Scope & Career opportunities in Civil Engineering.

The programme also included engaging activities such as Musical Chair and a Funny Game segment.

The event concluded on a cheerful note with the felicitation of winners of the games. The winners were awarded interesting prizes as a token of appreciation for their enthusiastic participation



First Year Induction Program

30/08/2025, by EE Dept.

On 30th August 2025, Department Of Electrical Engineering proudly organized the Induction Program for First-Year (FY) students, marking the start of an exciting new academic journey. The event was designed to inspire, guide, and motivate the young minds stepping into the vibrant world of higher education.

Highlights of the Event-

- ✦ Inaugural Session: The program began with the traditional Lighting of the Lamp ceremony, symbolizing the removal of darkness and the spread of knowledge.
- ✦ Welcome Address: HOD Mr.V.T.Metkari Sir, extended a heartfelt welcome to the fresh batch, encouraging students to dream big, stay curious, and embrace challenges.
- ✦ Faculty Introduction: Heads of Departments and faculty members introduced themselves, giving students a glimpse of the academic and co-curricular opportunities available.
- ✦ Student Orientation: An interactive session was conducted to familiarize students with college rules, facilities, clubs, committees, and upcoming events.
- ✦ Cultural Performances: Senior students showcased their talent through songs, dance, and skits, creating a lively and welcoming atmosphere.

First Year Induction Program

30/08/2025, by MECH Dept.

As part of the induction program for First-Year Mechanical Engineering students, a Department Tour was organized to familiarize students with the facilities and infrastructure of the Mechanical Engineering Department. Students visited various laboratories, workshops, and research facilities such as the Fluid Mechanics Lab, Thermodynamics Lab, CAD/CAM Lab, Machine Shop. Faculty members explained the working principles of different machines, instruments, and experimental setups. This tour helped students gain a practical perspective on the concepts they will learn during the course and motivated them to explore the applications of mechanical engineering in real life.



First Year Induction Program

30/08/2025, by AIML Dept.

The First Year Induction Program was organized to welcome newly admitted students to the department. The event began with a formal felicitation ceremony to mark the beginning of the academic journey. This was followed by an introduction of all faculty members, allowing students to get familiar with their teachers. CET toppers were felicitated to recognize and motivate academic excellence among newcomers. Students were then taken on a guided visit to the department. The visit helped students understand the academic environment and infrastructure. After that fun games were conducted to build rapport among students. In the final segment, students and seniors presented a cultural program including dance, music.



First Year Induction Program

30/08/2025, by Civil Dept.

The induction programme for the First Year Degree students was successfully conducted with the objective of welcoming the new entrants and familiarizing them with the academic environment, departmental culture, and college facilities. The event was coordinated by Mrs. Jyoti Kadam, CESA Coordinator.

The programme began with a warm guidance speech by the Academic Dean, who emphasized the importance of dedication, discipline, and continuous learning in a student's academic journey. This was followed by a motivating address by the HOD Civil Engineering, who shared insights into the department's achievements, resources, and the opportunities available for students.

The programme also included engaging activities such as Musical Chair and a Funny Game segment. The event concluded on a cheerful note with the felicitation of winners of the games. The winners were awarded interesting prizes as a token of appreciation for their enthusiastic participation.



Special Drive - Maharashtra PWD Citizen Survey

By Prof. Prof. P. R. Thorat (HOD – Degree Civil) Prof. N. P. Thorat (HOD – Diploma Civil)

The Public Works Department (PWD), Government of Maharashtra, is conducting a Citizen Survey as part of the Maharashtra Vision Document 2047. The survey aims to gather public feedback on Roads, Connectivity, and Travel Experience across the state. To support this initiative, the Civil Engineering Department of AITRC, Vita, organized a special awareness and participation drive in association with PWD Vita.

Objectives:

1. To encourage active participation from students, faculty, and citizens.
2. To collect suggestions and feedback for better road planning and improved travel experiences.
3. To contribute towards shaping Maharashtra's Road Map 2047 with constructive inputs from the academic and local community.

Execution:

- ☒ Faculty and student volunteers were briefed about the importance of the survey.
- ☒ Awareness was created through departmental notice boards, WhatsApp groups, and word-of-mouth communication.
- ☒ Students, faculty members, and local citizens actively participated in filling out the survey.
- ☒ Constructive suggestions were documented and submitted as part of the initiative.

Outcome:

- ☒ A large number of participants successfully completed the Citizen Survey.
- ☒ Students gained awareness about public infrastructure planning and the role of citizen feedback in policy-making.
- ☒ The drive strengthened the collaboration between AITRC Vita and PWD Vita towards state development initiatives.



Training sessions on Full Stack Web Development

12/08/2025-23/08/2025, by Dr. V. B. Ingale, HoD of CSE Dept.

Department of Computer Science and Engineering had organized 06 Days- (12/08/2025 to 14/08/2025 and 21/08/2025 to 23/08/2025) Training sessions on Full Stack Web Development under Department T&P Coordinator Asst. Prof. D. K. Jadhav Sir.

The Resource person was Director of Domain Computers Kolhapur, Mr.Sagar Tondale and Trainer Mrs. Vinayashree Akkalkot, From Domain Computers, Kolhapur.

Total 27 Students of TY,B.Tech had completed Training

Outcomes of Session

- 1.To get Hands on Experience on Latest Technologies Angular ,NodeJs.
- 2.To understand the MongoDB connections.
- 3.To be able design and develop a Dynamic Websites



FDP on “Digital Foundries: Integration of IoT, Robotics & Automation in Marathi language”

18/08/2025 to 20/08/2025, by Prof. V. T. Metkar, HoD of EE Dept.

The Faculty Development Program (FDP) on " Digital Foundries: Integration of IoT, Robotics & Automation in Marathi language “ AICTE Training And Learning (ATAL) Academy Faculty Development Program conducted at COEP SWVSM’S Tatyasaheb Kore Institute of Engineering and Technology from 18/08/2025 to 20/08/2025..

Outcomes:

1. Understand the concept of Digital Foundries and their industrial role.
2. Explore integration of IoT, Robotics, and Automation technologies in real-world applications.
3. Learn technical terminology in Marathi language for localized communication.
4. Gain hands-on exposure to IoT tools, robotics platforms, and automation systems.
5. Develop awareness of Industry 4.0 applications in regional industries/startups.
6. Enhance technical communication skills in native language (Marathi) to bridge tech-society gaps.
7. Promote interdisciplinary research and collaboration in IoT, robotics, and automation.

Guest lecture on Spoken Tutorial- QGIS.

20/08/2025 by Mrs. J.R. Kadam (Assi. Professor Civil Department)

The Civil Engineering Department organized an Expert lecture on “Spoken Tutorial- QGIS” by Mr. Dhanaji K. Jadhav (Assistant Professor, CSE Department, AITRC) for Civil Engineering students. Welcome of guest was He shares valuable information about the subject. The guest speaker introduced Spoken Tutorial Project and highlighted the benefits of self-paced learning through IIT Bombay’s initiative. A detailed demonstration of QGIS software features such as map creation, spatial analysis, georeferencing, and data visualization was provided. Students were guided on how to access Spoken Tutorials and attempt certification tests. An interactive Q&A session was conducted where students clarified doubts related to practical applications of QGIS in civil engineering projects. This Expert lecture coordinated by Mrs. J.R.Kadam assisted with Collective efforts and coordination of all faculties made this session delightful and successful. The vote of thanks was delivered by Mr. P. R. Thorat.



Site Visit of Expansion of AITRC building

Organized by Prof. P. R. Thorat, HoD of Civil Engg. Dept.



Celebration of National Renewable Energy Day

20/08/2025, by Prof. R. B. Patil, HoD of MECH Dept.

On the occasion of National Renewable Energy Day (Indian Akshay Urja Divas), the Mechanical Engineering Department students attended an insightful Webinar organized in collaboration with RIT, Rajaramnagar. The session highlighted the significance of renewable energy resources, their role in sustainable development, and the latest advancements in green technologies.

In addition to the webinar, the students actively participated in a National Level Online Quiz, jointly conducted by RIT, Rajaramnagar and the Renewable Energy Society of India, New Delhi. The quiz tested participants' knowledge of renewable energy, energy conservation, and related innovations.

The event proved to be a great learning opportunity for the students, enhancing their awareness of energy sustainability and encouraging them to contribute towards building an eco-friendly future.



TPO Activity

23/08/2025, by Prof. P. K. Patil, HoD of AIML Dept.

The AIML Department organized a Training and Placement activity to prepare third- year and final-year students for campus recruitment. The session began with a brief introduction highlighting the importance of soft skills and interview preparedness. The first part of the activity involved a mock HR interview round for all participating students. Common HR questions were asked to assess students' confidence, communication skills, and clarity of thought. Each student received personalized feedback from faculty and invited professionals after their interview. The second part of the session was a Group Discussion (GD) round. Students were divided into small groups and given relevant topics to discuss within a set time. The GD aimed to test teamwork, leadership, reasoning ability, and communication under pressure. Overall, the activity boosted students' readiness for real placement drives and helped them identify areas for improvement.



Inauguration of MESA

30/08/2025, by Prof. R. B. Patil, HoD of MECH Dept.

The Mechanical Engineering Student Association (MESA) was inaugurated with great enthusiasm and participation, marking the beginning of a new academic journey for the department. The event aimed to foster unity among students, encourage technical and professional growth, and provide a platform for showcasing talent and innovation.

The program commenced with the lighting of the lamp and invocation, symbolizing knowledge and wisdom. Distinguished dignitaries, including the Principal, Head of the Department, faculty members graced the occasion with their presence.

The inaugural address highlighted the importance of professional associations in shaping students' careers and emphasized the role of mechanical engineers in driving technological advancements. Mr. R. B. Patil Sir and Dr. S. G. Kumbhar Sir inspired students with a motivational speech on innovation, industry trends, and career opportunities in the mechanical field.

The ceremony also included the introduction of the association committee, outlining their responsibilities and vision for the academic year. Students were encouraged to actively participate in the planned activities, including technical workshops, seminars, industrial visits, cultural events, and social outreach programs.

The inauguration concluded with a vote of thanks, leaving the audience motivated and eager to contribute to the success of MESA. The event served as a platform to ignite curiosity, strengthen teamwork, and lay the foundation for a year full of learning and achievement.



Expert Lecture on Scope & Carrier Opportunities in Civil Engineering

30/08/2025, by Prof. P. R. Thorat, HoD of Civil Dept.

Outcomes of the Activity

☒ Enhanced Awareness: Participants gain a clear understanding of the wide scope and various specializations within Civil Engineering.

Career Clarity: Students become familiar with diverse career opportunities across sectors such as construction, infrastructure, research, consultancy, and government agencies.

Informed Decision- Making: Participants are better equipped to make informed choices about higher education, skill development, and professional certifications relevant to Civil Engineering.

Motivation and Inspiration: The expert lecture inspires students to pursue innovative fields and emerging technologies within the profession.

Improved Preparedness: Attendees learn practical tips on building their resumes, acquiring internships, and preparing for job markets in civil engineering.



Faculty Achivements

Sr. No.	Activity	Faculty	Department
1.	Atal FDP	Prof.Rohit B.Patil	MECH
2.	Atal FDP	Prof.Vaibhav P.Patil	MECH

Student's Achivements

CONGRATULATIONS!



Ms. Rutuja Jadhav

Department of Electronics & Telecommunication
2023-24 Passout Batch, Placed in **ELECTRO
PNEUMATICS AND HYDRAULICS (INDIA) PVT LTD.**
Pune with **6.25 LPA**

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CONGRATULATIONS!



Mr. Parag Mane

Department of Electronics & Telecommunication
2024-25 Passout Batch, Placed in **TATA Autocomp
Systems Ltd. Pune** with **4.5 LPA**

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CONGRATULATIONS!



Mr. Prithviraj Shelar

Department of Electronics & Telecommunication
2024-25 Passout Batch, Placed in **Jabil Circuit
India pvt ltd. Pune** with **3 LPA**

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Student's Achivements



Certificate of Congratulations

This Certificate is proudly presented to Final Year B. Tech Student Kaustubh Kamlesh Kulkarni for his outstanding achievement of being selected for the IBM Internship with stipend, a remarkable milestone in his academic and professional journey. We, the AIML Department and AITRC, extend our heartfelt congratulations and best wishes for continued success in all future endeavors. Your hard work, dedication, and perseverance have brought you this well-deserved opportunity. May this achievement inspire many more accomplishments ahead.



Welcome to Adarsh Institute of Technology and Research Centre, Vita, a pioneering institution in the realm of engineering education since its establishment in 2008. Over the past decade and more, we have stood at the forefront of technological innovation, providing aspiring engineers with a nurturing and dynamic environment to shape their dreams and aspirations.

Founded in 2008, our institute has consistently upheld a commitment to excellence, innovation, and a forward-thinking approach to engineering education. Nestled in the heart of Vita, (Khambale-Bhalavani) our campus offers a vibrant and stimulating atmosphere that fosters creativity and intellectual growth.

As we embark on this journey of exploration and discovery, we invite you to delve into the essence of Adarsh Institute of Technology and Research Centre, Vita, where cutting-edge research, world-class faculty, state-of-the-art laboratories, and a diverse student body converge to create an atmosphere of unparalleled learning and innovation. Whether you aspire to pursue a degree in electrical engineering, mechanical engineering, computer science, AIML or any other field within our vast repertoire, you will find an ecosystem that not only imparts knowledge but also nurtures critical thinking and problem-solving skills.

At Adarsh Institute of Technology and Research Centre, Vita, we believe that engineering transcends the confines of textbooks and classrooms. It is about pushing the boundaries of what is possible, and our institution stands as a testament to this belief. Our graduates have gone on to make significant contributions to various industries, research institutions, and the global community at large, embodying the values of integrity, excellence, and a passion for innovation.

Join us on this remarkable journey, where we continue to shape the future of engineering education, empowering the next generation of engineers to create a brighter, more technologically advanced world. Explore the limitless possibilities that Adarsh Institute of Technology and Research Centre, Vita has to offer, and together, let us engineer a better future.

Welcome to Adarsh Institute of Technology and Research Centre, Vita where the future is built today.

Editorial Note:

Welcome to the very first issue of our monthly newsletter! This is your window into the heart of Adarsh Institute of Technology and Research Centre, Vita. Where we celebrate achievements, share insights, and build community. We're excited to embark on this journey with you. Please share your thoughts, feedback, and ideas to help us shape future editions. Thank you for being a part of this exciting initiative.

Warm regards,

Prof. Tai S. Patil, Editor-in-Chief, The Informant, Monthly Newsletter of AITRC.
