



JANUARY 2025,VOL 5

MONTHLY NEWSLETTER



ADARSH INSTITUTE
OF TECHNOLOGY & RESEARCH CENTRE, VITA(ENGG.)

THE INFORMANT



WHAT IS INSIDE.....

- *CELEBRATION OF REPUBLIC DAY
- *CELEBRATION OF SAVITRIBAI PHULE JAYANTI
- *POSTER PRESENTATION
- *CELEBRATION OF RAJMATA JIJAU AND SWAMI VIVEKANAND BIRTH ANNIVERSARY
- *FACULTY ACHIEVEMENT
- *ALUMNI ACHIEVEMENT

EDITORIAL CHIEF-

Dr. P.S.Patil, Principal
Prof. T. S. Patil,
Chief 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.

CELEBRATION OF REPUBLIC DAY

26/01/2025 , BY PROF. T. S. PATIL CULTURAL CO-ORDINATOR



The Republic Day celebration was held on 26th January 2025 with great patriotism and enthusiasm at Adarsh Institute of Technology and Research Center, Vita. The event commenced at 7:30 AM with the hoisting of the national flag by Mr. Ravindra Bedkhale followed by the singing of the national anthem and flag song.

The Chief Guest delivered an inspiring speech highlighting the significance of the day and the sacrifices of our freedom fighters in establishing a sovereign republic. Students and participants showcased their talents through various cultural performances, including patriotic songs, dances, and speeches.

Chief Guest Mr. Ravindra Bedkhale, Ms. Pooja Patil (Campus director), Dr. P. S. Patil (principal of AITRC), Dr. N. S. Mahajan (Principal of ACOP), Mr. V. M. Shinde (Principal of ITI), Registrar A. D. Chavan were present for the celebration.

The celebration concluded with a vote of thanks, acknowledging the efforts of all participants, teachers, and organizers. Sweets were distributed among the attendees as a token of joy and unity.

Overall, the Republic Day celebration was a grand success, instilling a deep sense of patriotism and national pride among everyone present.

CELEBRATION OF SAVITRIBAI PHULE JAYANTI

03/01/2025 , BY MRS.N.P.THORAT WOMEN
EMPOWERMENT CELL COORDINATOR



In our college campus, we celebrated the Savitribai Phule Jayanti. Savitribai Phule Jayanti is the birthday of Savitribai Phule, a prominent social reformer and educationist in India.

Our Principal Dr.P.S.Patil sir also, guide students for health and exercise. Diploma Coordinator Prof.A.L.Salunkhe sir will motivate for the students. Girl's students, also students and faculties also express their views in the programs.

Outcomes:

- 1.To introduce the role of savistribai phule in education system.
2. To create awareness about Humanism, Liberty, equality, Brotherhood, rationalism and importance of education

POSTER PRESENTATION

08/01/2025 BY PROF. H. S. BHORE, HOD OF GSE DEPT.



Department of General Science and Engineering conducted Poster Presentation Activity on 08/01/2025, for FY students. A poster presentation is a way to communicate your understanding of a topic in a short and concise format. It helps to improve your skill, Communication, your ability to express your technical views. Poster presentations develop your ability to communicate perceptively and concisely an important workplace skill. The purpose of your poster presentation will be shaped by how they are used in your discipline and by the assessment task itself. A total of 50 students in group were participated in this activity. Prof. H. S. Bhore, (HoD of GSE Dept.) and Prof. P. R. Thorat (Assi. Prof., Department of Civil Engineering) were the judges for this activity. I am thankful to Hon. Principal Dr. P. S. Patil for motivating students to participate in the events. Also thank you to all students who participated in the activity.

Winners of Poster Presentation-

Group no 8 - Chavan Samruddhi Dipak & Mane Shraddha Sanjay

CELEBRATION OF RAJMATA JIJAU AND SWAMI VIVEKANAND BIRTH ANNIVERSARY

12/01/2025 BY GSE DEPT.



General Sciences & Engineering Dept. celebrated birth anniversary of Rajmata Jijau and Swami Vivekanand. 12 January is the birth anniversary of Rajmata Jijau and Swami Vivekanand. Prof. H. S. Bhore, HOD of GSE(Degree), Mr. A. B. Salunkhe, HoD of GSE(Diploma) and all Faculty members offered flowers to Rajmata and Swami Vivekanand. Prof. P. E. Pawar Sir delivered speech on great personalities. Prof. H. S. Bhore Sir expained greatness of Jijau and Swami Vivekanand. Al first year degree and diploma faculties were present for celebration. Prof. K.M. Jadhav expressed vote of thanks.

GUEST LECTURE ON “INFOSYS SPRINGBOARD”

18/01/2025 BY DR. P. M. SHAHA ,HOD OF CIVIL DEPT.



Prof. D. K. Jadhav Sir delivered guest lecture on “Infosys Springboard” to students of Class FY Diploma of General Science and Engineering department dated 18th Jan,2025

INDUSTRIAL VISIT: COMTRANSE TECHNOLOGY AND WOLFFOX SERVICES PVT.LTD

07/01/2025 BY DR. P. M. SHAHA ,HOD OF CIVIL DEPT.



Prof. Mr.D. K. Jadhav and Central TPO Prof.Mr. N. M. Patil visited two companies in Kolhapur Comtranse Technology and Wolffox Services Pvt.Ltd on 07/01/2025.

PATENT FILED AND PUBLISHED SUMMARY

Sr. No	Patent Title	Applicants and Inventors	Dept.	Indian/ UK
1.	Performance Evaluation of Graphene/SEBS on the properties of Asphalt Binder.	Dr. Peerzada Mosir Shah Dr. Pandurang Shankar Patil Mr. Pradip Shankar Shinde Mr. Pramod Raghunath Thorat Mr. Umesh Adhikrao Dhotre Mrs. Poonam Shrikant Patil Mrs. Jyoti Ravikumar Kadam Mr. Venkatesh Kishor Dombe Mr. Shubham Dhanaji Kirdat Mr. Faizan Nausad Mulla Mr. Harsh Madav Rokade Ms. Muskaan Sameer Shaikh	Degree CIVIL	UK
2.	AI Powered Curve Detection and Collision Prevention Device for Safer Curvy Roads.	Mr. Om Ashok Chougule Miss. Sayali Laxman Jadhav Miss. Priyanka Rajaram Telshinge Miss. Rutuja Achitrao Jadhav Miss. Mrunali Maheshsing Hajare Miss. Shweta Sahadev Bhasar Miss. Madhuri Anil Chaudhari	Degree CSE	UK
3.	IoT Based Automated Geolocation and Route Optimization System for Campus Transit	Dr. Arjun Ramchandra Nichal Mr. Abhijeet Diliprao Ghorapde Mr. Prashant Balkrishna Yadav Mr. Mahesh Dattatrya Bhambure Ms. Snehal Rajaram Gore Ms. Pooja Suresh Deshmukh Mr. Akshay Satish Ghorpade Mr. Akshay Satish Kumbhar Mr. Kedar Pradip Gosavi Mr. Vinay Vilas Suryawanshi Mr. Pruthviraj Bhagavan Shelar	Degree ETC	Indian

FACULTY ACHIEVEMENT**PATENT FILED AND PUBLISHED SUMMARY**

Sr. No	Patent Title	Applicants and Inventors	Department	Indian/ UK
4.	Experimental Evaluation of Performance of Magnetorheological Elastomer (MRE) Bushing used for vehicle Suspension	Mr. Rohit Bhagawan Patil Mr. Nandkumar Mahadev Patil Mr. Harshal Shantanu Bhore Mr. Amitkumar Bhimrao Salunkhe Mr. Uttam Yashwant Siddha Mrs. Anuradha Virendra Thoke	Degree MECH	Indian
5.	Smart Fault Diagnosis in Electrical Circuits	Ms. Vrushali Rajaram Patil Mr. Pradip Krushndeo Patil Ms. Pranali Pralhad Nikam Ms. Pratiksha Hanmant Phatak Mrs. Urmila Vivekanand Patil Mrs. Manjusha Indrajeet Patil Mr. Govardhan Mahadev Gavhane Ms. Pratibha Sanjay Kale Mr. Arjun Sadashiv Pawar Ms. Dhanashri Anil Mohite Mr. Nikhil Dilip Koli	Degree AIML & ECE	Indian


Intellectual
Property
Office

Certificate of Registration for a UK L

Design number: 6399503
Grant date: 30 October 2024
Registration date: 22 October 2024

This is to certify that,

In pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Adarsh Institute of Technology & Research Centre, Vita, , Dr. Peerzada Mosir Shah, Dr. Pandurang Shankar Patil, Mr. Pradip Shankar Shinde, Mr. Pramod Raghunath Throat, Mr. Umesh Adhikrao Dhotre, Mrs. Poonam Shrikant Patil, Mrs. Jyoti Ravikumar Kadam, Mr. Venkatesh Kishor Dombe, Mr. Shubham Dhanaji Kirdat

In respect of the application of such design to:

Laboratory equipment for the binding of asphalt

International Design Classification:
Version: 14-2023
Class: 24 MEDICAL AND LABORATORY EQUIPMENT
Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS AND LABORATORIES



Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

Intellectual Property Office is an operating name of the Patent Office www.gov.uk/ipo


Intellectual
Property
Office

Certificate of Registration for a UK L

Design number: 6400768
Grant date: 04 November 2024
Registration date: 29 October 2024

This is to certify that,

In pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Mr. Om Ashck Chougule, Miss. Priyanka Rajaram Telshinge, Miss. Sayali Laxman Jadhav, Miss. Mrunali Maheshsing Hajare, Miss. Rutuja Achitrao Jadhav, Miss. Madhuri Aril Chaudhari, Miss. Shweta Sahadev Bhasar

In respect of the application of such design to:

AI-Powered Curve Detection and Collision Prevention Device for Safer Curvy Roads

International Design Classification:
Version: 14-2023
Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS
Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING, SECURITY OR TESTING



Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

INTELLECTUAL PROPERTY INDIA
भारत सरकार
पेटेंट कार्यालय, भारत सरकार
The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन नं. / Design No. : 435311-001
तारीख / Date : 23/10/2024
पारस्परिकता तारीख / Reciprocity Date :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन को **MAGNETORHEOLOGICAL ELASTOMER (MRE) BUSHING DEVICE USED FOR VEHICLE SUSPENSION** में संबंधित है, का पंजीकरण, बेनो 12-16 में 1.Mr. Rohit Bhagawan Patil, 2. Mr. Nandkumar Mahadev Patil, 3.Mr. Harshal Shantenu Bhore, 4.Mr. Amitkumar Bhimrao Salunkh 5.Mr. Uttam Yashwant Siddha 6.Mrs. Anuradha Virendra Thoke के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-16 in respect of the application of such design to **MAGNETORHEOLOGICAL ELASTOMER (MRE) BUSHING DEVICE USED FOR VEHICLE SUSPENSION** in the name of 1.Mr. Rohit Bhagawan Patil, 2. Mr. Nandkumar Mahadev Patil, 3.Mr. Harshal Shantenu Bhore, 4.Mr. Amitkumar Bhimrao Salunkh 5.Mr. Uttam Yashwant Siddha 6.Mrs. Anuradha Virendra Thoke.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अन्वये प्रवचन के अनुसार मे।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 13/01/2025
Date of Issue :

सहायक पेटेंट, डिजाइन और ट्रेड मार्क अधिकारी
Assistant Controller of Patents, Designs and Trade Marks

नियम 13(1) के तहत, डिजाइन के पंजीकरण के तहत, डिजाइन का अधिकार डिजाइन के आवेदन के तारीख से दस वर्षों के लिए होता है।
Under rule 13(1), in respect of the design, the right in the design shall subsist for a period of ten years from the date of registration.

INTELLECTUAL PROPERTY INDIA
भारत सरकार
पेटेंट कार्यालय, भारत सरकार
The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन नं. / Design No. : 435308-001
तारीख / Date : 23/10/2024
पारस्परिकता तारीख / Reciprocity Date :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन को **SMART FAULT DIAGNOSIS IN ELECTRICAL CIRCUIT DEVICE** में संबंधित है, का पंजीकरण, बेनो 13-03 में 1.Ms. Vrushi, R. Patil, 2. Mr. Pradip, K. Patil, 3.Ms. Pranali, P. Nikam, 4.Ms. Pratiksha Phatak, 5.Ms. Urmila Patil, 6.Ms. Manjusha Patil, 7.Mr. Govardhan Gavhane, 8.Ms. Pratibha Kale, 9.Mr. Arjun Pawar, 10.Ms. Dhanashri Mohite, 11.Mr. Nikhil Koli, के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 13-03 in respect of the application of such design to **SMART FAULT DIAGNOSIS IN ELECTRICAL CIRCUIT DEVICE** in the name of 1.Ms. Vrushi, R. Patil, 2. Mr. Pradip, K. Patil, 3.Ms. Pranali, P. Nikam, 4.Ms. Pratiksha Phatak, 5.Ms. Urmila Patil, 6.Ms. Manjusha Patil, 7.Mr. Govardhan Gavhane, 8.Ms. Pratibha Kale, 9.Mr. Arjun Pawar, 10.Ms. Dhanashri Mohite, 11.Mr. Nikhil Koli.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अन्वये प्रवचन के अनुसार मे।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 09/01/2025
Date of Issue :

सहायक पेटेंट, डिजाइन और ट्रेड मार्क अधिकारी
Assistant Controller of Patents, Designs and Trade Marks

नियम 13(1) के तहत, डिजाइन के पंजीकरण के तहत, डिजाइन का अधिकार डिजाइन के आवेदन के तारीख से दस वर्षों के लिए होता है।
Under rule 13(1), in respect of the design, the right in the design shall subsist for a period of ten years from the date of registration.

FACULTY ACHIEVEMENT**FDP/WORKSHOP/SEMINAR/CONFERENCE**

Sr. No	Category	Title	Participant/ Faculty	Dept
1.	Training Program	National Intellectual Property Awareness Mission	Prof. H. S Bhore	GSE
2.	Training Program	National Intellectual Property Awareness Mission	Prof. T. S. Patil	GSE
3.	Training Program	National Intellectual Property Awareness Mission	Prof. P. S. Sutar	GSE
4.	Training Program	National Intellectual Property Awareness Mission	Prof. K. M. Jadhav	GSE
5.	Workshop	Build Your Own Generation AI Model	Prof. H. S Bhore	GSE
6.	Workshop	Build Your Own Generation AI Model	Prof. T. S. Patil	GSE
7.	Workshop	Build Your Own Generation AI Model	Prof. P. S. Sutar	GSE
8.	Workshop	Build Your Own Generation AI Model	Prof. K. M. Jadhav	GSE

FACULTY ACHIEVEMENT**FDP/WORKSHOP/SEMINAR/CONFERENCE**

Sr. No	Category	Title	Participant/ Faculty	Dept.
9.	FDP	Auto CAD Case Study-Solar Electric Panel design:	Prof. P. H. Phatak	EE
10.	FDP	AutoCAD 2D Essentials Course	Prof. P. H. Phatak	EE
11.	FDP	Practical OpenCV 3 Image Processing with Python	Prof. V. R. Patil	EE
12.	ATAL FDP	AI Revolution: From Machine Learning to Generative AI	Mr. P. T. Shitole	CSE
13.	ATAL FDP	AI Revolution: From Machine Learning to Generative AI	Mr. S. P. Mali	CSE
14.	Workshop	AI for students: Build Your Own Generative AI Model	Mr. S. P. Mali	CSE
15.	Course	Online Android Course Training – Android Course	Mr. S. P. Mali	CSE

FACULTY ACHIEVEMENT

Sr. No.	Category	Title	Participant/ Faculty	Dept.
16.	ATAL FDP	AI - Driven Educational Technologies foe Enhanced Teaching and Learning	Mr. D. K. Jadhav	CSE
17.	ATAL FDP	AI Revolution: From Machine Learning to Generative AI	Ms. S. L. Jadhav	CSE
18.	Infosys Springboard Course	Introduction to Machine Learning	Ms. S. L. Jadhav	CSE
19.	ATAL FDP	AI Revolution: From Machine Learning to Generative AI	Ms. P. R. Telshinge	CSE
20.	Infosys Springboard Course	Getting Started with Working Remotely	Ms. A. A. Mahind	CSE
21.	Infosys Springboard Course	Introduction to Data Science	Ms. A. A. Mahind	CSE
22.	Infosys Springboard Course	Python Projects	Ms. A. A. Mahind	CSE

FACULTY ACHIEVEMENT

Sr. No.	Category	Title	Participant/ Faculty	Dept.
23.	Coursera Instructor Network Course	Data Science for Professionals	Ms. A. A. Mahind	CSE
24.	Infosys Springboard Course	AWS-DGL-SS-AWS Foundations: Machine Learning Basics	Ms. R. N. Tamboli	CSE
25.	Infosys Springboard Course	Node JS Case Study – Motive App on Node JS and MongoDB	Ms. R. N. Tamboli	CSE
26.	Infosys Springboard Course	Basics of Python	Ms. R. N. Tamboli	CSE
27.	Workshop	AI for students: Build Your Own Generative AI Model	Ms. R. N. Tamboli	CSE
28.	Webinar for FDP	Principles of Outcomes Based Education	Ms. R. N. Tamboli	CSE

FACULTY ACHIEVEMENT

Sr. No.	Category	Title	Participant/ Faculty	Dept.
29.	ATAL FDP	Cyber Security and Intrusion Detection Forensics	Ms. R. N. Tamboli	CSE
30.	Coursera Instructor Network Course	Structural Audits and Nondestructive Testing	Mr. P. S. Shinde	CIVIL
31..	FDP	Structural Audits and Nondestructive Testing	Mrs. P. S. Patil	CIVIL
32.	FDP	Structural Audits and Nondestructive Testing	Mrs. J. R. Kadam	CIVIL
33.	Webinar	Outcome Based Education	Mrs. P. S. Patil	CIVIL
34.	Webinar	Outcome Based Education	Mrs. J. R. Kadam	CIVIL

FACULTY ACHIEVEMENT

Sr. No.	Category	Title	Participant/ Faculty	Dept.
35.	FDP	principle of outcome based education	Mr.PB.Yadav	ETC
36.	FDP	principle of outcome based education	Ms S.R.Gore	ETC
37..	FDP	principle of outcome based education	Ms.P.S.Deshmukh	ETC
38.	FDP	Effective Curriculum Implementation using FOSS	Mr.PB.Yadav	ETC
39.	Infosys springboard course	Basics of Audio Compression	Ms S.R.Gore	ETC
40.	Infosys springboard course	Arduino Serial Communication	Ms.P.S.Deshmukh	ETC
41.	FDP	OBE,AI and Research Skills: A Transformative Approach to Higher Education	Mr. A. D. Ghorpade	ETC

FACULTY ACHIEVEMENT



Students of Class B. Tech CSE Mr. Om Ashok Chougule, Ms. Geetanjali R. Jadhav and Ms. Sakshi M. Lad secured First rank in Final round of State Level competition “Maharashtra Student Innovation Challenge”(MSIC) organized by Government of Maharashtra. This competition is an initiative to hunt young entrepreneurs and support them with possible support to achieve their startup dreams. They have built a software named as “NABH-Excellence Data Visualization using Power Bi” which will help to maintain records of patients. This project will be very helpful to any Health Organization. On the occasion of 75 th Republic Day of India they received prize money of Rs.1,00,000 and certificate. The Prizes were distributed by Guardian Minister MLA Sureshbhai Khade. For this Municipal Commissioner Mr. Sunil Pawar, Municipal Corporation Deputy Commissioner Mr. Rahul Rokade, Superintendent of Police Mr. Basavaraj Teli, Collector Sangli District Dr. Dayanidhi Raja Sir (IAS), MLA Sangli Mr. Sudhir (Dada) Gadgil were present.

ALUMNI ACHIEVEMENT



Alumni of CSE Department from batch 2020-21 Ms. Pooja Madhukar Patil got selected for post of Technical Assistant at DRDO DEBEL.



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.