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MONTHLY NEWSLETTER

ADARSH INSTITUTE
OF TECHNOLOGY & RESEARCH CENTRE, VITA

THE INFORMANT



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**GANESHOTSAV
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ENGINEER'S DAY CELEBRATION
EXPERT LECTURES
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TEACHER'S DAY CELEBRATION**

EDITORIAL CHIEF-

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

EDITORIAL COMMITTEE-

Departmental Cultural
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.

“DEVOTION, CELEBRATION AND A LOT OF..... GANESHOTSAV”

7/09/2024 TO 15/09/2024 BY PROF. T. S. PATIL, CULTURAL COORDINATOR



Cultural cell had organized Ganeshotsav celebration. . Ganesh Stapan had done on 07/09/2024. The cultural cell had arranged Shree Arati at morning and afternoon and distributed arati to each department. On time of arati distributed sweets. Shree Visarjan had done on Sunday with enthusiasm. All celebrated GANESHOTSAV with enthusiasm and devotion.

ADARSH FOOD FESTIVAL- आवड गणपतीची

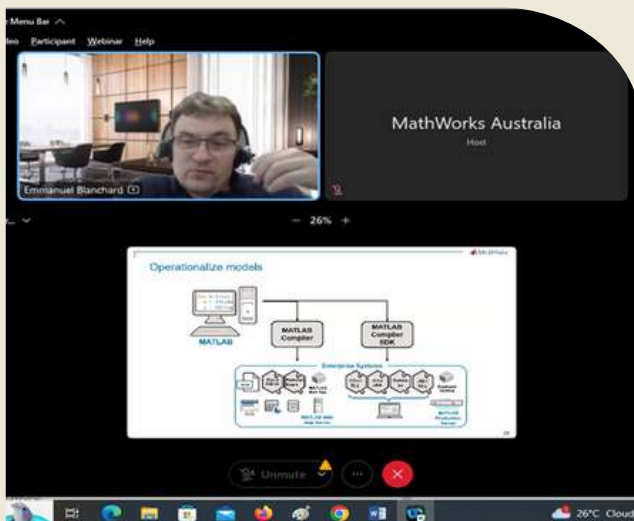
14/09/2024 BY MRS. N. P. THORAT, CO-ORDINATOR WOMEN
EMPOWERMENT CELL



A food festival is a festival, that features food, often produces, as its central theme. These festivals have been a means of uniting communities through celebrations of harvests. Food festivals are considered strengthening agents for local cultural heritage, and simultaneously celebrate this cultural heritage while also commodifying it for a national audience

“WEBINAR ON MEDICAL IMAGING WORKFLOWS WITH MATLAB.”

12/09/2024 BY DR. A. R. NICHAL D HOD OF E&TC DEPT. ENGG.



Final Year B. Tech Student and faculty of ETC department attended Webinar on Medical Imaging Workflows with MATLAB on 12th September 2024. Dr Emmanuel Blanchard (senior application engineer of Math Works) was resource Person for this webinar. Total 28 students of B. Tech class attended this webinar.

“FUTURE FOUNDRES FEST.....AT ETC DEPT”

26/09/2024 BY DR. A. R. NICHAL D HOD OF E&TC DEPT. ENGG.



The primary aim of the event was to foster innovation & entrepreneurship among students by providing a platform to present and develop startup ideas. Then head of electronics and telecommunication department Dr. A.R. Nichal sir inspiring them to embrace their entrepreneurial spirit and embark on a path of innovation and success. Sessions on topics like business model development, market analysis, and tech tools for startups were conducted. Judges provided guidance and suggestion for the participants.

“WEBINAR ON AI FOR BIOMEDICAL SIGNAL PROCESSING APPLICATIONS.”

25/09/2024 BY DR. A. R. NICHAL D HOD OF E&TC DEPT. ENGG.



Third Year B. Tech Students and faculty of ETC department attended Webinar on AI For Biomedical signal processing applications. On 25th September 2024. Sammit (AI Application Engineer at MathWorks) was resource Person for this webinar. Total 32 students of Third year class attended this webinar. Sammit (AI Application Engineer at MathWorks) In this Webinar, Students learned through demonstrations how to:

- Training and verifying AI models for ECG analysis.

- Using wavelets for advanced signal analysis with deep learning.

PARENTS MEET..... ETC DEPT.

27/09/2024 BY DR. A. R. NICHAL D HOD OF E&TC DEPT. ENGG.



The parents meet had arranged on Friday, 27/09/2024 at our ETC department, all the parents were present at 10:30 am sharp. The meeting started at 10:40 am. At the starting of the meeting our Prof. A.D. Ghorapade welcomed all the parents and then HOD, Dr. A. R. Nichal sir introduced the department and then he talked about the departmental growth and all the events which were conducted in the current academic year.

“DAB MEETING HELD IN CIVIL DEPARTMENT”

31/09/2024 BY DR. P. M. SHAH , HOD OF CIVILDEPT. (ENGG.)



The DAB meeting was held at the Civil Engineering Department of AITRC Vita. The session aimed to discuss key areas of improvement, curriculum enhancements, industry-academia collaborations, and strategic initiatives for the upcoming academic year. The DAB meeting successfully addressed the key concerns and set a clear path forward for the department's academic and extracurricular activities.

“STRUCTURAL AUDIT VISIT TO ADARSH MADHYAMIK VIDYAMANDIR, VITA”

23/09/2024 BY DR. P. M. SHAH , HOD OF CIVILDEPT. (ENGG.)



The structural audit was conducted by Prof. P. R. Thorat, along with B. Tech Civil Engineering students, at Adarsh Madhyamik Vidyamandir, Vita. The audit involved a detailed inspection of the structural integrity of the building, focusing on safety, maintenance needs, and compliance with relevant codes. The students were actively involved in observing and participating in the auditing process.

“GUEST LECTURE ON EXPLORING CAREER OPPORTUNITIES WITH CIVIL ENGINEERING SOFTWARE”

24/09/2024 BY DR. P. M. SHAH , HOD OF CIVILDEPT. (ENGG.)



The resource person, Er. Ratnakar Karav from Swastik Autocad Training Centre, Sangli, provided an insightful lecture on various drafting, design, and planning software such as AutoCAD, Revit, 3D Max, STAAD Pro, ETABS, RCDC, Primavera, and MS Project. He emphasized the importance of

earning these tools to enhance employability and grow professionally in the civil engineering field. Er. Karav explained the various job roles and industries where proficiency in these software tools can open up numerous career opportunities.

: “MASTERING ACADEMIC EXCELLENCE IN GERMANY: A STUDY ABROAD GUIDE”

12/09/2024 BY PROF. R. B. PATIL, HOD OF MECH DEPT. (ENGG.)



The guest lecture titled “Mastering Academic Excellence in Germany: A Study Abroad Guide” was successfully conducted in offline mode. Mr. Harikishan G. Kadam, an M.S. graduate from the University of Flensburg, Germany, led the session.

Key Highlights: 1) Expert Insights: 2) Application Guidance:

3) Personal Experiences: 4) Career Opportunities: 5) Interactive Discussion:

EXPERT LECTURE ON INTRODUCTION TO DISCRETE MATHEMATICS

18/09/2024 BY PROF. A. A. VANKUDRE, HOD OF CSE DEPT. (ENGG.)



On 18th September, the Department of Computer Science and Engineering at AITRC, Vita, successfully organized an engaging online expert lecture on topic Introduction to Discrete Mathematics. The resource person for this lecture were Prof. Shivani M. Deosthale, (Assistant Professor, Computer Engineering Department, K.J. Somaiya College of Engineering, Vidyavihar University, Mumbai)

FRESHER'S PARTY, WELCOME TO NEWCOMERS

30/09/2024 BY PROF. A. A. VANKUDRE, HOD OF CSE DEPT. (ENGG.)



Department of CSE organized a Freshers Party Event on Saturday, 30/09/2024. For this event Dr. P. S. Patil (Principal of AITRC), Prof. A. A. Vankudre (HoD, CSE), Dr. A. R. Nichal (IQAC, Head), Prof. H. S. B. Hore (Degree Coordinator), Prof. N. M. Patil (Central TPO), all staff and students were present. Such event holds the

main purpose of welcoming of new students to department. This will provide a space for students showcase their talent.

“MECHANICAL DESIGN ENGINEERING: NAVIGATING INDUSTRY DOMAINS AND CAREER OPPORTUNITIES”

04/09/2024 BY PROF. R. B. PATIL,HOD OF MECH DEPT. (ENGG.)



The webinar on "Mechanical Design Engineering: Navigating Industry Domains and Career Opportunities with CAD Software" was successfully conducted on 4th September 2024. The event was attended by both faculty members and students who were keen on enhancing their understanding of the mechanical design industry and the role of CAD software in shaping career opportunities.

ESTABLISHMENT OF MESA OFFICE BEARERS AND INAUGURATION OF MESA 2024-25

05/09/2024 BY PROF. R. B. PATIL,HOD OF MECH DEPT. (ENGG.)



The Department of Mechanical Engineering successfully conducted the ceremony for the establishment of the MESA office bearers and the inauguration of MESA 2024-25. The event commenced with the formal introduction of the new office bearers for the academic year. Each office bearer took an oath to uphold their responsibilities, and the leadership roles were assigned to promote active student involvement in departmental activities.

TRIBUTE TO THE INVALUABLE CONTRIBUTIONS OF ENGINEERS TO SOCIETY

15/09/2024 BY PROF. R. B. PATIL,HOD OF MECH DEPT. (ENGG.)



The Department of Mechanical Engineering celebrated Engineers' Day with great enthusiasm, paying tribute to the invaluable contributions of engineers to society. The event commenced with a warm welcome address by the students, followed by a brief introduction on the significance of Engineers' Day and its relevance to future engineers. The event featured a special segment where renowned engineers and faculty members shared their insights on the evolving landscape of engineering and the importance of staying innovative.

“LATEST ADVANCEMENTS IN PIPING DESIGN ENGINEERING CONSTRUCTION” INSIGHT OF EXPERT

03/09/2024 BY PROF. R. B.
PATIL,HOD OF MECH
DEPT. (ENGG.)



The Department of Mechanical Engineering successfully hosted an expert guest lecture on "Latest Advancements in Piping Design Engineering Construction." The session aimed to provide both faculty and students with updated knowledge on recent developments in the field of piping design. Following the lecture, an interactive Q&A session allowed attendees to engage directly with Mr. Jorigal, asking questions and discussing the topics presented. Overall, the lecture was well-received, with participants praising the depth and clarity of the content.

“SHUBHARAMBH 2024”

**09/09/2024 TO 13/09/2024 BY PROF. H. S. BHORE
(HOD GS&E DEPARTMENT)**



A First Year Induction Program is designed to help new students for smoothly transition into engineering environment at institute level. When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and with nature also.

HONOR AND APPRECIATION TO TEACHER “GURU BRAHMA , GURU VISHNU , GURU DEVO MAHESHWARA”

05/09/2024 TEACHERS DAY CELEBRATED AT ADARSH BY
DEPARTMNTS

Dr sarvpalli radhakrushan's birth anniversary celebrates as a teacher day. The Teacher's Day celebration was a memorable and meaningful event aimed at honoring and appreciating the dedicated teachers who play a crucial role in shaping the future of students. Various students gave speeches and presented

performances, expressing their gratitude and admiration for their mentors. The celebration was well-organized, fostering strong student-teacher connections and promoting a sense of respect and appreciation among students for their educators. Overall, it was a meaningful event that reinforced the value of education and mentorship.





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.