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MITRA PULSE

Jan-Feb 2025

where ideas spark, knowledge flows and achievements resonate. From cutting-edge projects to inspiring success stories, every pulse beats with passion and progress.



Prof. Ram Meghe Institute of Technology and Research Badnera - Amravati



THE ACADEMIC TIMES

Dr. Nitin Dhande Honored with Shaurya Sanman 2025 for Contributions to Education and Politics

Dr. Nitinji Dhande, President of Vidarbha Youth Welfare Society and Executive Member of BJP Maharashtra Pradesh, has been conferred with the prestigious Shaurya Sanman 2025 award in recognition of his outstanding contributions to education and politics. The award was presented by Hon. Chief Minister of Maharashtra, Devendra Fadnavis, during a special ceremony held in Panipat on Jan 2025.

Dr. Nitinji Dhande's impactful leadership has driven numerous initiatives focused on quality education, vocational training and career guidance for youth across Maharashtra. The Shaurya Sanman celebrates individuals making meaningful contributions to societal progress and his efforts stand as a beacon of inspiration for many.

This honor acknowledges his unwavering commitment to empowering youth and building a stronger, educated society, making a lasting difference in the lives of countless individuals. Principal, teaching and non-teaching members of Prof. Ram Meghe Institute of Technology & Research (PRMIT&R), badnera, are congratulated on his success.



PRMIT&R Civil Engineering Dept. Hosts Technical Events to Boost Student Growth

The Department of Civil Engineering at Prof. Ram Meghe Institute of Technology & Research (PRMIT&R), in collaboration with the Civil Engineering Students Association (CESA), organized a series of technical events aimed at the academic and professional development of second, third and final-year students on 22nd Jan 2025. Final-year students attended a key workshop on Earthquake Resistant Analysis and Design of Structures, gaining practical insights into structural safety. Meanwhile, second and third-year students showcased their knowledge in a Technical Quiz, testing their analytical and technical skills.

The initiative provided students with hands-on experience and exposure to current trends in civil engineering. With active participation and thoughtful organization by the faculty and CESA members, the event proved to be both informative and engaging, enriching the learning experience for all involved. (continued)



IIC and SGBAU Research Foundation Host Startup Session on Problem-Solution & Product-Market Fit

The Institutions Innovation Council (IIC), in collaboration with the SGBAU Research and Incubation Foundation, organized an engaging and insightful session titled **“Achieving Problem-Solution Fit - Product-Market Fit”** on 27th Jan 2025, aimed at nurturing innovation and entrepreneurship among aspiring startup founders.

The event focused on key startup milestones, Problem-Solution Fit and Product-Market Fit guiding participants through the critical early stages of the entrepreneurial journey. The session featured two esteemed resource persons: CA Mohit Ganeshani, a seasoned entrepreneur and startup mentor and Mr. Shivam Nimkar, Founder of Buddysarthi, a platform supporting early stage startups. They shared valuable strategies, case studies and real-world experiences to help participants align their ideas with market needs.

A highlight of the event was a Start-Up Pitching Competition, offering budding entrepreneurs a platform to present their innovative ideas before a panel of experts, including investors and industry professionals. The competition provided feedback, exposure and potential opportunities for investment.

The event concluded on a high note, equipping participants with practical knowledge, increased confidence and a clearer understanding of how to succeed in the startup ecosystem.



PRMIT&R Signs MoU with Agivant Technologies to Launch AI Amplified Software Engineering Program

PRMIT&R has signed a strategic Memorandum of Understanding (MoU) with Agivant Technologies, Pune on 13th Feb 2025, to introduce the cutting-edge AI Amplified Software Engineering Program aimed at transforming the student learning experience through hands-on industry exposure and real-world AI applications.

The MoU ceremony was marked by the presence of Mr. Rakesh Deshmukh, a proud alumnus of PRMIT&R and Mr. Ankit Thakur from Agivant Technologies. Known for its innovative approach to digital transformation, Agivant empowers businesses to evolve with agility and efficiency through strategic restructuring and AI integration.

This new program will immerse students in real-time AI projects, providing both theoretical knowledge and practical experience aligned with current industry practices. It is poised to be a game-changer for students aspiring to thrive in the rapidly growing field of artificial intelligence and software engineering.

With this partnership, PRMIT&R reinforces its commitment to future-ready education, giving students a vital edge in today's competitive tech landscape.



EPFO Orientation Held at PRMIT&R Under NIDHI APKE NIKAT 2.0

The EPFO conducted an orientation program at PRMIT&R under the NIDHI APKE NIKAT 2.0 initiative. Held in the Mechanical Engineering Department's seminar hall on 27th Feb 2025, the session addressed queries related to EPF, Pension and EDLI schemes for teaching and non-teaching staff. EPFO officials provided valuable guidance and cleared doubts, helping participants better understand procedures and benefits under the EPF Act. The event saw active participation and proved informative for all attendees.

Mechanical Dept. Hosts Free Robotics Workshop with MDB Electosoft Pvt. Ltd.

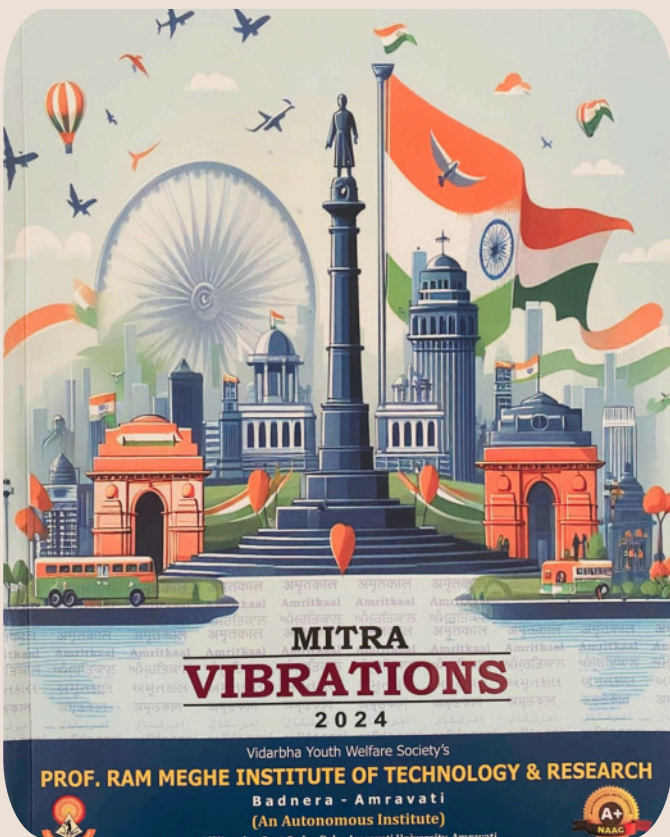
The Department of Mechanical Engineering at PRMIT&R organized an engaging Robotics Workshop in collaboration with MDB Electosoft Pvt. Ltd. on 20th Jan 2025, offering students a hands-on introduction to cutting-edge robotics—free of cost.

The workshop provided an immersive experience in designing and programming a variety of robots, including Dancing Robots, RC-Controlled Robots, Gesture-Control Robots and Voice-Control Robots. (Continued....)

Enthusiastic participation and positive feedback highlighted the event's success, with students excited to work directly with real-world robotic systems. This initiative marks another step in PRMIT&R's commitment to fostering innovation, technical excellence and experiential learning in emerging fields. Students explored modern control mechanisms and technologies, gaining practical skills alongside theoretical insights.



Magazine second winner in SGBAU



We are thrilled to announce that MITRA Vibrations, our esteemed institute magazine, has been awarded the Second Prize in the Professional Category in the Annual Magazine Competition 2023-24 by Sant Gadge Baba Amravati University on 27th Feb 2025.

This achievement is a testament to the dedication, creativity and teamwork of our Editorial Team, faculty members and students, who have poured their hearts and minds into making MITRA Vibrations an outstanding publication. Their collective efforts have beautifully captured the vibrancy of our institute through engaging and insightful content.

We extend our heartfelt gratitude and congratulations to everyone who contributed to this success.

PRMIT&R Hosts “Waachan Sankalp Maharashtra” to Promote Reading Culture

In line with government directives, PRMIT&R, Badnera successfully organized the “Waachan Sankalp Maharashtra” initiative from 1st to 15th January 2025, under the guidance of the Higher and Technical Education Department and supported by Vidarbha Youth Welfare Society, Amravati. The program aimed to spark students' interest in reading and promote a habit of book engagement. (Continued...)

Activities included a book exhibition (30-31 Dec), a reading skills workshop (1 Jan), a reader-writer dialogue with author Manohar Parimal (4 Jan) and a book narration competition on 16th Jan judged by faculty members.

Winners of the competition were: 1st – Yash Sathe (CSE IoT, 2nd Year), 2nd – Dimple Khatri (MBA, 2nd Year) and 3rd – Shrikant Bawane (Mechanical, Final Year)

All participants received certificates and the event concluded with a reading pledge. Principal Dr. G. R. Bamnote lauded the initiative and emphasized the importance of reading and communication skills in students overall development.



Indian Air Force IPEV Exhibition Held at PRMIT&R to Inspire Young Minds

The Indian Air Force (IAF) Induction Publicity Exhibition Vehicle (IPEV) showcased a private exhibition at PRMIT&R, Badnera, offering students a unique insight into career opportunities in the IAF on 21st Feb 2025. Equipped with flight simulators, VR setups, touch screen kiosks, miniature aircraft models and LED displays, the exhibition provided an immersive experience of IAF operations. Motivational sessions were conducted by Wing Commanders R. S. Patil and Chandan, Squadron Leader Prabhas and Flight Lieutenant Mitul Nair, who guided students on Air Force career paths. Over 1000 students from Titan Public School, Podar International School, and various PRMIT&R and PRMCEAM departments participated enthusiastically. The event was coordinated successfully by Dr. Nikkoo Khalsa, Prof. Anand Chaudhary, Prof. Chetan Rawarkar and Prof. Manish Shrivastava. Principal Dr. Gajendra Bamanote applauded the efforts of students, faculty and staff, calling



ESPERANZA & AASHAYIEN 2K25

The much-awaited **Esperanza & Aashayien 2K25** at PRMIT&R, Badnera, concluded on a high note, leaving behind a trail of enthusiasm, energy and unforgettable memories. The week-long extravaganza, held from 1st to 8th February 2025, featured a diverse range of events that brought together students in a vibrant celebration of talent, culture and technology.

The festivities kicked off with the Mitra Carnival, followed by a spectacular Garba Night, where students danced to traditional beats. The excitement continued with the Bollywood and Halloween day, featuring a mesmerizing musical concert. A sense of cultural pride was highlighted on Traditional Day, with performances including Dhol Pathak, Open Mic and Got Talent Show. The final-year students cherished Signature Day, accompanied by a lively Flash Mob, while the much-anticipated Esperanza Tech Fest showcased groundbreaking innovations and technological prowess. (continued)

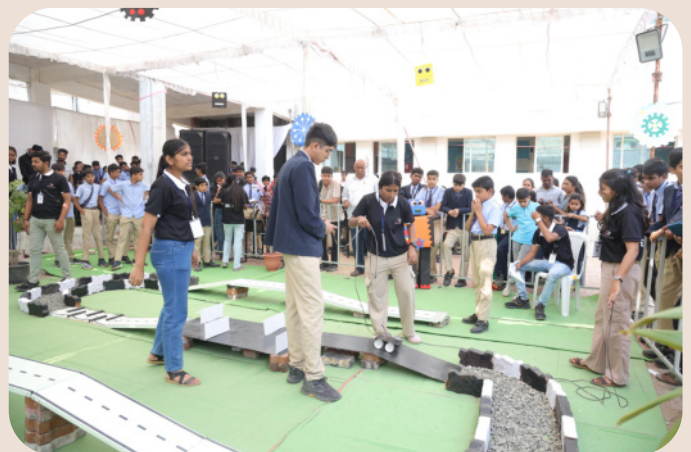


The National-Level Tech Fest "ESPERANZA 2025", successfully concluded on 6th February 2025, receiving an overwhelming response from participants across Maharashtra. With the theme "Redefining Possibilities - Humanity and AI as One," the event brought together young innovators, tech enthusiasts and creative minds to compete in a wide range of competitions. Participants showcased their talent in events such as Techno Dox (Paper Presentation), Constructo (Model Making), Coding Decoding, LAN Gaming, Robo-Race, Treasure Hunt, Business Proposal, junior Scientist and many more.

The fest witnessed exceptional participation and innovative ideas, making it a grand success. The competitions were intense and the winners were awarded exciting prizes from the total ₹5 Lakh prize pool. The enthusiasm and energy displayed by the participants reflected the growing interest in technology and innovation among students.

Aashayein 2025, the annual gathering, was successfully inaugurated on 7th February 2025. The event was graced by the esteemed presence of Dr. Nitin Dhande, Dr. Hemant Deshmukh and Dr. Abhay Jere, Vice President of AICTE, Delhi, as the chief guest. The coordinator and co-coordinator of the event were also present. Dr. Abhay Jere addressed the students and delivered an insightful session on the evolving landscape of the gig economy and its implications for career development. The grand finale of Aashayien wrapped up the celebrations with unforgettable performances in dance music, musical drama and Youth Icon.

The event successfully created an environment of joy, learning and togetherness, reinforcing PRMITR's commitment to holistic student development. The organizers expressed their gratitude for the overwhelming response and thanked all the participants, faculty members and volunteers for making ESPERANZA 2025 a memorable and impactful event. With such a successful edition, PRMITR looks forward to hosting even bigger and more engaging tech fests in the future.



STUDENT SPOTLIGHT



Team PRMIT&R has once again made the college proud by winning the Winner's Trophy at the highly anticipated Intercollegiate State-Level Debate Competition. Organized by the Institute of Pharmaceutical Education and Research (IPER), Wardha, this prestigious event brought together the brightest minds from across the state and PRMIT&R emerged as the undisputed champions. The victorious team consisted of two incredibly talented debaters:

- ◆ Mr. Dhruv Shinde (EXTC department)
- ◆ Ms. Shravani Kalambe (CSE department)

Guided by the experienced and insightful mentor Dr. Ashay Rokade. Their collective effort culminated in them securing the coveted Winner's Trophy. Mr. Dhruv Shinde's unparalleled performance that truly stood out. His articulate arguments, powerful delivery and sharp critical thinking earned him the prestigious Best Debater of the Competition award. The entire PRMIT&R family congratulates Dhruv, Shravani and their mentor Dr. Ashay Rokade, for this remarkable achievement.

This triumph serves as a reminder of the immense talent within the college. As they continue to rise, we look forward to seeing them achieve even greater success in the future.



The Volleyball team of PRMIT&R, has emerged victorious in the highly competitive (EPL) by defeating SGGGS College of Engineering, Nanded. The thrilling match, which was held at Sipna's College of Engineering and Technology, Amravati. Throughout the tournament, PRMIT&R's volleyball team displayed exceptional performance defeating several strong teams to reach the final. The final score reflected their dominance and well-coordinated play with PRMIT&R emerging as champions after a well-deserved win. The management and staff of PRMIT&R have also extended their heartfelt congratulations to the winning team, acknowledging their efforts and the dedication shown throughout the competition.



PRMIT&R proudly congratulates its Kabaddi team for their outstanding performance and victory at the Kabaddi Tournament held at SIPNA's College of Engineering and Technology, Amravati. The team showcased remarkable skill, determination and teamwork, clinching the championship title in an intense and thrilling competition. The tournament which saw participation from several prestigious colleges, was a highly competitive event where the PRMIT&R Kabaddi team emerged as the ultimate winners. The institution continues to support its students in various domains, encouraging them to develop well-rounded personalities and achieve success both academically and athletically.

On behalf of the entire PRMIT&R community, we extend our heartfelt congratulations to the Kabaddi team for their exceptional achievement.



The volleyball team of our college has once again showcased their exceptional talent and team spirit by clinching victory in the prestigious Engineer's League, organized by SSGMCOE, Shegaon. This remarkable achievement marks the second tournament win for the team this year, adding another milestone to their remarkable journey.



Same team of Volleyball won a Gold medal in Intercollegiate tournament at Nanded. This is their third Gold medal of the season.

This victory marks an impressive start to what promises to be an exciting year for the volleyball team. Their perseverance, determination and sportsmanship have set a high bar for future competitions. As we celebrate this success, we extend our heartfelt congratulations to the players, Mr. Pawan Wankhade, from the EXTC department and everyone who supported the team.

Nikita Gopal Devche, a promising computer science student of the PRMIT&R, Badnera won 6 gold medals in Sant Gadge baba Amravati University on the strength of her hard work and intelligence. Nikita gave the credit of her success to her mother Kalpana Devche right from the beginning. In fact, mother Kalpana had more confidence in Nikita coming first and winning a gold medal in the university than Nikita herself.



It is noteworthy that Nikita Devche was felicitated at the 41st convocation of Amravati University in the presence of Justice Bhushan Gawai of the Supreme Court on the hands of His Excellency Governor Radhakrishnan. Nikita Devche secured 9.85 percentile in the final semester and was the leader in her course in the entire university. She got placement in the country's leading software company Accenture, in the college campus itself. Definitely, all the teachers of PRMIT&R, Badnera have a big contribution in her success.

PLACEMENT

Outstanding Placements at PRMITR, Badnera

We are immensely proud to announce the remarkable placement achievements of our talented students across various departments at PRMIT&R, Badnera, Amravati. Their dedication, perseverance and excellence have earned them prestigious job offers with impressive packages.

✔ Fareesuz Zama Shahazama has been selected by Cognizant GenC Next with an outstanding package of ₹6.75 LPA.

✔ Dimpal Dulhani, Janhavi Chulet and Radha Pund have been selected by HSBC with a remarkable package of ₹9 LPA.

✔ Ms. Ankita Dulhani has secured an extraordinary placement at ConnectWise with a ₹10 LPA package and that too in her third year itself.

✔ 20 students from the MBA Department have been selected by DMart.

✔ Vaishnavi Pathare, Tanmay Thorat, Vedant Kekade and Nishant Ruikar have been selected by Learning Routes with an impressive package of ₹5.70 LPA.

✔ 30 students from the Mechanical Department and 54 students from the EXTC Department have secured placements at ETIC Corporate Pvt. Ltd.

✔ MBA Department Placements at ESAF Small Finance Bank:

The following students have been selected as Executive Trainees with a ₹4.25 LPA + Incentives package:

- ◆ Dimple Khatri
- ◆ Neha Mala
- ◆ Priyaj Yerlikar
- ◆ Simran Desraje
- ◆ Mrunmai Tirathkar
- ◆ Nishant Ruikar
- ◆ Himanshi Sonparote

We extend our heartiest congratulations to all the selected students for their incredible achievements. Your hard work and determination have paid off and we wish you all a successful and fulfilling career ahead. This is just the beginning of an exciting journey filled with opportunities and accomplishments. May you continue to grow, learn and make meaningful contributions to the industry. Your success is an inspiration to your peers and juniors, proving that dedication and perseverance always lead to excellence.

Keep shining and making PRMITR proud!

FACULTY TRIUMPHS

We are proud to announce that Dr. Nikkoo Khalsa, Dr. Nupoor Yawale and Prof. Anand Chaudhari have been granted a patent for their innovative work titled "Image Classification Device". Their pioneering work sets a benchmark in the field of image processing and artificial intelligence, demonstrating the potential for groundbreaking contributions to science and industry. Congratulations to the team for this outstanding accomplishment, highlighting their commitment to innovation and technological progress.

We look forward to witnessing more such trailblazing innovations from our talented faculty and students, shaping the future of technology and making a lasting impact on society. This achievement further enhances PRMITR's legacy of excellence.



Dr. Nikkoo Khalsa
EXTC



Dr. Nupoor Yawale
CSE



Prof. Anand Chaudhari
CSE

It is with immense pride that we congratulate Dr. Priyanka Chorey, Dr. Shweta Pundkar, Dr. Ashish Bhopale, Dr. Vrinda Deshmukh and Dr. Umesh Nikam on successfully earning their Ph.D. degrees. Their journey of dedication, perseverance and intellectual pursuit has led to this incredible milestone, setting a high benchmark for academic and research excellence.

Their hard work, intellectual curiosity and passion for knowledge serve as a strong inspiration to the academic community, motivating students and fellow researchers to strive for excellence. Their contributions will undoubtedly make a lasting impact in their respective fields, fostering innovation and progress.

We take immense pride in their achievements and wish them continued success in all their future endeavors. May their journey ahead be filled with groundbreaking discoveries, impactful research and continued academic brilliance.



Dr. Priyanka Chorey
IT



Dr. Shweta Pundkar
CSE



Dr. Ashish Bhopale
EXTC



Dr. Vrinda Deshmukh
S&H



Dr. Umesh Nikam
IT

Prof. Vivek D. Tonge Wins 2nd Rank and Color Coat at State-Level Aavishkar 2024 for Innovative EV Battery Cooling System

We are proud to announce that Prof. Vivek D. Tonge from the Department of Mechanical Engineering, PRMIT&R, Badnera, has secured 2nd Rank in Engineering Technology (PPG Category) at the prestigious State-Level Aavishkar 2024 Competition held at Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra. Prof. Vivek D. Tonge has also secured the prestigious Color Coat at Aavishkar 2024, held at SGBAU on 24 December 2024. This remarkable achievement is a testament to his dedication, innovation and technical expertise.

A special appreciation goes to Dr. S. J. Deshmukh, the mentor behind this outstanding project, whose guidance and support played a key role in this success. The title of his project is "Battery Cooling System for Electric Vehicles." Previously, he won 1st Prize in the PPG ET category.

Congratulations to Prof. Vivek D. Tonge and his mentor Dr. S. J. Deshmukh for bringing pride to PRMIT&R. Wishing them continued success in their future endeavors.



Prof. Vivek Tonge
Mech



Dr. Samir Deshmukh
MECH

Dr. Samir J. Deshmukh Publishes Book on 'Renewable Energy' with REST Publishers, India

It is a moment of great pride to announce that Dr. Samir J. Deshmukh have successfully published their book titled "Renewable Energy" under REST Publishers Ltd., India. This insightful work, serves as a valuable resource for researchers, academicians and students interested in sustainable energy solutions. Readers are encouraged to explore this comprehensive guide, whether for personal enrichment or to support research scholars in their academic pursuits. Heartiest congratulations to the author on his outstanding achievement.

For the upcoming edition of "*Mitra Pulse*", we invite you to share your articles, achievements and creative contributions. Please submit your content to mitrapulse@mitra.ac.in on or before the 30th of every month. We look forward to your participation!



Prepared & Designed by Prof. Shrikant Akarte, Prof. Rupali Meshram, Prof. Rasika Wadwekar