



K K Wagh Education Society's K K Wagh Institute of Engineering Education and Research, Nashik.

February 2025

Vol. : 17
Issue : 02

■ 'नौशाद ते अजय अतुल - एक संगीत प्रवास' by Dr. Mrudula Dadhe



Eighteenth memorial lecture in the memory of Late Shri. Balasaheb Wagh (Bhau) was organised on Monday, 17th February 2025 at Shankaracharya Dr. Kurtkoti Sabhagruh Gangapur Road, Nashik. Dr. Mrudula Dadhe delivered the demo lecture on Music 'नौशाद ते अजय अतुल - एक संगीत प्रवास' to our students, faculty and citizens of Nashik. The lecture demonstrated the glorious review of Hindi film music from the period of music composer Naushad to Ajay-Atul alongwith performance of songs. Dr. Mrudula Dadhe presented the songs of different music composers such as, Naushad, Madan Mohan, Sahir Ludhianvi, S.D. Burman, R.D. Burman, O.P. Nayyar, Anu Malik, A.R. Raheman, Ajay-Atul. Dr. Dadhe narrated the stories behind the meanings of the songs and demonstrated the mandate as desired by the lyricists and musicians. The demonstration has not only updated the knowledge, but it has also, created the sense of film song appreciation amongst the audience. Well known classical singer Pandit Shankarrao Vairagkar presided over the function. Chairman of KKWES Shri. Sameer Wagh, Trustee Smt. Shakuntala Wagh. Shri. Ajinkya Wagh, Dr. K. N. Nandurkar and many music lovers from the city attended the program.

■ Visit of Hon. Dr. Sachin Kumar Mangala

On February 8, 2025, Hon. Dr. Sachin Kumar Mangala, Associate Dean of O. P. Jindal University, Haryana, visited K. K. Wagh Institute of Engineering Education &

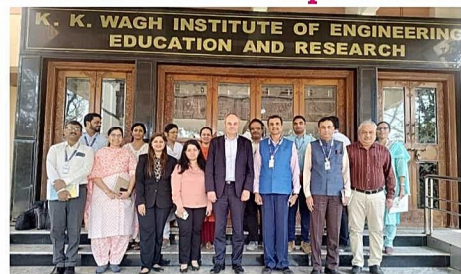
Research. Principal, Deans, Department Heads and teachers of various colleges of K. K. Wagh Education Society were present during this program. The interactive session on 'Research Excellence and its impact' was held in the presence of the Chairman of the Society, Hon. Sameer Wagh. Dr. Keshav Nandurkar, Principal of K. K. Wagh College of Engineering, welcomed the chief guest and Dr. Ruchita Gaidhani introduced the chief guest. During his speech, he highlighted the following important points:

- He explained the criteria required to publish research in high-quality journals.
- Guidance was given on how we can work to solve various problems in society by collaborating with other international academic institutions and industrial organizations for better research outcome.
- How to get funding for research through several Indian government agencies to solve problems for local and global industries.
- By incorporating the sustainable goals into our research, we can contribute to improving the quality of life and standard of living of the people of the country.



Felicitation of Hon. Dr. Sachin Kumar Mangala

■ Interaction with Dr. Phillipe Mauren



Participants of interactive session with Dr. Phillipe Maurin and team



The International Facilitation Centre of KKWIEER organized an interaction session with Dr. Phillippe Mauren, Science and Higher Education Attache, at the French Consulate, Mumbai and Campus France Team on Tuesday, 5 February 2025 in IQAC Hall. Dr. Maurin briefed about the role of Campus France and France Consulate in building the academic, industrial and cultural relations between the French and Indian organizations. He briefed about the possible opportunities for KKWIEER students in the France Universities and the requirements for the same in short. Dr. Philippe also outlined possible opportunities for staff-student exchanges, research collaborations, counselling sessions with French experts, and visiting professor requirements in the near future. Principal Dr. K. N. Nandurkar, Dr. P. D. Bhamre, Dr. P. K. Shahabadkar, Dr. P. D. Jadhao, Dr. P. B. Kushare, Dr. R. K. Munje and other various heads of departments and faculties were present for the said interaction.

■ **Critical Thinking Workshop**



Workshop on Critical Thinking, Innovation in Design Thinking, and Innovation Design. The Department of Robotics & Automation in association with the Institution Innovation Council (IIC), successfully organized a one-day workshop on Critical Thinking, Innovation in Design Thinking, and Innovation Design. During the inauguration, Dr. Nandurkar emphasized the importance of design thinking in real-world problem-solving, while Dr. Pawar guided through the four quadrants of skill sets essential for applying skills effectively in life. Dr. Kurhade conducted an insightful session & hands-on experience in problem identification, action planning, and the practical tools used in design thinking. We explored how to assess whether a problem is desirable, feasible, and viable, and the significance of collecting and analysing the right

feedback from people. The event's success was made possible by the Robotics and Automation Department, and Coordinator of this workshop is Dr. Gulshan Kumar.

■ **IET KK WAGH EXPO 2025: A Crucible of Innovation and Engineering Excellence**



Inauguration of IET KK Wagh Expo 2025

The IET KK WAGH EXPO 2025, orchestrated by the vibrant Electrical Department of K.K. Wagh Institute of Engineering Education and Research, Nashik, emerged as a resounding testament to the power of innovation and the boundless potential of young engineers. Over two exhilarating days, February 28th and March 1st, 2025, the expo transformed the campus into a dynamic hub of creativity, collaboration, and technical prowess, drawing participants and spectators from across the nation. The expo's success was rooted in meticulous planning and execution, spearheaded by a dedicated team of faculty and student coordinators. Under the esteemed patronage of Dr. K.N. Nandurkar, the Director of K.K. Wagh Institute of Engineering Education and Research, the event was guided by the visionary leadership of Dr. R. K. Munje, Incharge Head of the Electrical Engineering Department, who served as the convener. Prof. S.K. Shinde's expertise as the faculty coordinator and Prof. Dr. B.E. Kushare's role as a mentor were instrumental in shaping the expo's direction.

The IET K. K. Wagh Expo's inauguration on February 28th marked the beginning of a remarkable journey. Shri. Mukul Srivastava, President - Switchgear Business at CG Power and Industrial Solutions Limited, graced the occasion as the Chief Guest, delivering an inspiring address that emphasized the importance of bridging the gap between academia and industry. The ceremony was further elevated by the presence of esteemed guests, including Shri. Prashant Dorge, Branch Head, Lauritz Knudsen; Shri. Ravi Wadikar, Owner, Electromotives, Nashik; Shri. Rajendra Kodmelwar, Business Unit Head, AMT Skill Enhancement Institute LLP, Nashik; and other distinguished figures

continued on page 3

from the industry and academia. The presence of Mr. Prashant Kushare, President of IET Nashik Network, and Prof. Dr. R.K. Munje underscored the event's significance in fostering a strong network within the engineering community.



Prize Distribution

The expo reached its culmination with a valedictory function on March 1st at 4:00 PM. Shri. Ramesh Saligrama, Vice President at Robert Bosch India Nashik, graced the occasion as the Chief Guest, delivering an inspiring address that resonated with the audience. The prize distribution ceremony celebrated the achievements of the participants, recognizing their hard work and dedication. The total prizes worth Rs. 325000/- were distributed among the winner in different category. The success of the IET KK WAGH EXPO 2025 was made possible by the generous support of sponsors, including CG Power and Industrial Solutions Limited, Lauritz Knudsen, Legrand, MSS India, KOSO, Accusonic Controls, ICAD, and Garwa Water Companion.

■ Robotics Awareness Workshop

Robotics is one of the emerging technologies and Robotic science has a tremendous scope as a career option. Hence, to create awareness among students about Robotics and its applications, Department of Robotics and Automation conducted an awareness programs in the month of Feb.2025 on Robotics for Diploma students of K. K. Wagh Polytechnic, Nashik. This program was attended by around 75 students of various branches. This program covered a theory session on Robotics followed by practical demonstrations on industrial robots and robotic kits available in labs of robotics and Automation department.

■ Team Nemesis Triumphs at Edgeline Championship 2025

Team Nemesis from K.K. Wagh Institute of Engineering Education and Research emerged as the Overall Champion at the prestigious Edgeline Championship 2025, held at D.Y. Patil College of Engineering, Pune, from February 6 to February 9, 2025. Competing against 10 teams from across India, Team Nemesis showcased exceptional

performance, scoring an impressive 800 points out of 1000 to claim the championship title. The team was also awarded a cash prize of ₹58,000 for their stellar performance. The team's success was made possible under the expert guidance of Faculty Advisor Prof. P.B. Surwade and mentor Mr. Kiran Maid. The team was led by Captain Sarvesh Jadhav, Vice-Captain Prashant Wagh, and Team Managers Shubham Jadhav and Ishan Chavanke. The go-kart was skilfully driven by Manas and Yash, whose performance on the track was a key highlight of the event.



■ "Brahmastra Racing Team Achieves Remarkable Feat in SAE BAJA 2025!"



Winners of Brahmastra Racing Team

The Brahmastra Racing Team from K.K. Wagh Institute of Engineering Education and Research has demonstrated its technical excellence and achieved a remarkable feat in the prestigious SAE e BAJA 2025 competition. This competition was held at B.V.R.I.T College in Hyderabad, where teams from renowned engineering colleges across the country participated. Competing against the best, the Brahmastra team showcased excellence at every stage of the event. The team developed their vehicle using cutting-edge engineering technology which are available in the Institute and rigorously tested its performance, ultimately securing success in the competition. Notably, in the CAE (Computer-Aided Engineering) category, the Brahmastra Racing Team secured an impressive 3rd rank at the national level, further highlighting their technical expertise. This achievement was made possible under the guidance of professors A.D. Bhagure and R.V. Bhandare. The relentless efforts of the college administration, sponsors, and team members

continued on page 4

also played a crucial role in this success. The team is receiving widespread appreciation and best wishes for their future endeavours. Heartiest congratulations to the Brahmastra Racing Team on this proud achievement!

■ International Mother Language Day



Kusumagraj Central Library celebrated "International Mother Language Day" (Matrubhasha Din) on 21st February 2025. On this occasion, the library organized exhibition of books in various languages. The exhibition was inaugurated by Prof. Dr. K. N. Nandurkar, Principal of K. K. Wagh Institute of Engineering Education & Research, Nashik. Dr. Nandurkar briefed about the significance of celebrating Mother Language Day and emphasized that such book exhibitions help to improve reading habits among staff and students. Both students and staffs attended the exhibition.

■ Marathi Bhasha Gaurav Din



Kusumagraj Central Library celebrated "Marathi Bhasha Gaurav Din" on 27th February 2025. On this occasion, the library organized an expert lecture by Hon. Dr. Prakash Barve, Librarian at Yashwantrao Chavan Maharashtra Open University (YCMOU), Nashik, on the topic "Aathavnitale Kusumagraj". The function was inaugurated by Prof. Dr. S. Y. Kute, Academic Dean of K. K. Wagh Institute of Engineering Education & Research, Nashik. During the lecture, Hon. Prakash Barve shared his experiences working with Kusumagraj as a writer. He provided insights into Kusumagraj's poetry, drama, writing style, and grammar. He also discussed Kusumagraj's daily correspondence and public relations. Hon. Prakash Barve further mentioned the

discussions he had with Kusumagraj on various issues in Marathi literature. Mr. Shripad Chandratre, Librarian of RNC Arts, JDB Commerce, and NSC Science College, Nashik, Dr. Prakash Bodke, Library Advisory Member at KKWIEER, Nashik, along with the teaching and non-teaching staff, and a total of 57 students were present for the program.

■ Rising Star of KK Wagh-Amey Khond Shines Again!

It is with immense pride that we share the remarkable achievement of Mr. Amey Khond, a final-year Computer Engineering student, who has once again made KK Wagh Institute of Engineering Education & Research proud by securing the Bronze Medal in the Krida Mahotsav Inter-University Badminton Tournament 24-25 at Gondwana University, Chandrapur.



This is not just a victory but a testament to his unwavering dedication, having also won the Silver Medal last year. His journey is an inspiration for all, proving that consistent effort and passion lead to greatness. This year, he also had the honor of representing Savitribai Phule Pune University at the West Zone Inter-University Badminton Tournament in Bhopal, demonstrating his skills at a higher level.

■ Annual Sports Fest 2024-25 (MAFFICK)



The Annual Sports Fest 2024-25 (MAFFICK) commenced with great enthusiasm in February 2025, bringing together students from various

continued on page 5

disciplines to showcase their passion for sports. Organized by the Department of Physical Education & Sports, the fest has provided a dynamic platform for students to engage in both team and individual sports, fostering a spirit of camaraderie, discipline, and competitive excellence.

This year, we witnessed an overwhelming response in participation across multiple events. Team sports such as Cricket, Kabaddi, Basketball, Volleyball, Futsal, Football, and Handball energized the campus, while individual sports like Chess, Table Tennis, and Carrom allowed students to demonstrate their strategic skills and precision.

A significant highlight of this edition was the introduction of Futsal and Handball on an experimental basis. These new additions not only sparked excitement but also helped us identify talented athletes who could represent our college in upcoming inter-college and national-level competitions. Due to the immense enthusiasm shown by the students, we are delighted to announce that the Handball event will be conducted in March, further extending the spirit of sportsmanship on campus.

■ **Ascend 2K25: A Festival of Technological Advancement**



The MCA Department of K. K. Wagh Engineering College organized a two-day national-level technical festival, Ascend 2K25, on 28th February and 1st March, 2025. The theme of this event was based on the Internet of Things (IoT). The event was inaugurated by Mr. Nitin Palde, Chief Guest and Oracle Cloud Professional at Infosys. He guided students on the importance of developing a career as IT professionals. Dr. K. N. Nandurkar, Director of K. K. Wagh Engineering College, was also present at the inauguration and provided insights into the emerging opportunities in the IT industry. The ASCEND coordinator Dr. V. R. Dhawale, delivered the opening remarks.

Ascend2K25 featured various competitions, including poster presentations, reverse coding, mind quiz, escape room, tech treasure hunt, and BGMI. The event was coordinated by Prof. Dr. V. R. Dhawale and Prof. Swarna Patil, while Janhavi Lindait and Shahu Rasal played key roles as student representatives. A total of around 500 students from various institutions actively participated in the festival. Mr. Sameer Wagh, Chairman of K. K. Wagh Institute of Engineering Education & Research, Nashik, and Dr. K. N. Nandurkar, Director, extended their best wishes for the success of the event.

■ **Expert Lecture/Seminar/Courses/Workshop Organized**

- The Computer Engineering Department organized following expert lectures and career guidance sessions in February 2025:

- ▶ An expert talk on Unleashing the power of XR and internship opportunities with FirebirdVR by Mr. Yogesh Surwase (COO, Firenest Reality Pvt. Ltd, Pune) conducted on 18th February, 2025

- ▶ An expert talk on "AI & ML Revolution: Trends, Career, and Internship" was organized on 25th February 2025. The session was delivered by Mr. Tarun Kumar, a expert in Artificial Intelligence (AI) and Machine Learning (ML).

- The Civil Engineering Department organized following expert lecture in February 2025:

- ▶ Expert session on "Concrete Technology" by Er. Mayur Pathak Director Technocrete India Private Limited on 25th Feb 2025.

- The Chemical Engineering Department organized following expert lectures and career guidance sessions in February 2025:

- ▶ Prof. (Dr.). A. K. Goswami (Director, UICT, Jalgaon) conducted an expert talk session on "Waste vegetable oils utilisation and management as a big source of green alternative fuel under Institute Innovation cell" on 2nd February 2025.

- ▶ Mr. Susheel Pote (Director, Invensys CAD Solutions Pvt. Ltd.) conducted an expert talk session on "Overview of software/simulations and applications in Chemical Engineering" on 9th February 2025.

- ▶ Dr. Pratibha Chandak (Counsellor, KKWIEER) conducted an interactive Counselling Session on 7th February 2025.

- ▶ Mr. Susheel Pote (Director, Invensys CAD Solutions Pvt. Ltd.) conducted an expert talk session on "ANSYS/CAD Applications in Chemical Engineering" on 8th February 2025.

- The Information Technology Department organized following expert lectures and career

continued on page 6



guidance sessions in February 2025:

- ▶ Expert talk on “Process of Innovation Development, Technology Readiness Level (TRL), Commercialization of Lab Technologies Tech-Transfer” on 6th Feb 2025. Expert talk was conducted by Prof. Pankaj Beldar, Assistant Professor, Mechanical Dept. KKWIEER.
- ▶ Expert talk on “Career Opportunities in Cyber Domain Cyber Security & Ethical Hacking” on 11th Feb 2025. Expert talk was conducted by Mr. Tanmay S Dikshit, Author, Cyber Consultant, and Security Researcher.
- The Department of MCA organized following expert lecture in February 2025:
 - ▶ An expert talk on "The Future of Immersive Technologies: Exploring AR, VR, MR, and Assisted Reality Across Industries" on 18th February 2025. The session was delivered by Mr. Yogesh Surwase.

■ **Expert Lecture/Seminar/Courses/Workshop Attended: -**

- Information Technology Department faculties Dr. Swapnali N Tambe and Prof. Rupali M. Bora completed the AICTE Training and Learning FDP on "Data Analytics for Decision Making: Tools, Techniques, and Applications" at Swami Keshvanand Institute of Technology, Management from 03/02/2025 to 08/02/2025. Prof. Poonam L. Patil completed the ATAL FDP on "Health care and MedTech for Swastha Bharat using AI" Vishwakarma Institute of Technology from 03/02/2025 to 08/02/2025.
- Artificial Intelligence and Data Science staff, Pranali K. Shinde has successfully completed a National Level Faculty Development Program (FDP) on AI Tools conducted by Sinhgad College of Engineering, Pune from 17 to 21 February 2025.

■ **Industrial Visits**

SNo.	Company Name	Department	Class	Date
1	Gargoti mineral museum, Malegaon, Nashik	Civil Engg.	S.Y B. Tech. Div.-B	03/02/2025
2	Arcstone Infrastructure Limited,	Civil Engg.	S.Y B. Tech. Div.-B	03/02/2025
3	Gargoti Mineral Museum, Malegaon, Nashik	Civil Engg.	S.Y B. Tech. Div.-A	04/02/2025
4	Arcstone Infrastructure Limited, Nashik	Civil Engg.	S.Y B. Tech. Div.-A	04/02/2025
5	Jadhav casting	Robotics & Automation	BE	20/2/2025
6	Solar Power System at Top KKWIEER	Science & Math	F.Y.B. Tech. A, B, C, D, E, H, Q, & P divisions.	10 to 12/02/2025
7	Giant Metrowave Radio Telescope (GMRT) Observatory, Narayangaon, Pune.	Science & Math	First –Year F Division	28/02/2025

■ **Training and Placements**

SNo.	Company Name	Department Name	Placed Students
1	Class-1 Officer (Lieutenant) in the Indian Armed Forces.	Civil Engg.	02
2	Class-2 Officer position as an Assistant Town Planner, Government of Maharashtra.	Civil Engg.	01
3.	Worley India, Mumbai	Chemical Engg.	01
4.	Reliance Industries Ltd., Mumbai	Chemical Engg.	03
5.	Infosys	AI&DS	01

■ **Paper Publications/Presentations:**

Harnessing ensemble deep learning models for precise detection of gynaecological cancers

Ms. Chetna Vaid Kwatra, Ms. Harpreet Kaur, Saiprasad Potharaju, Swapnali N. Tambe, Ms. Devyani Bhamare Jadhav, Sagar B. Tambe. (Published in Clinical Epidemiology and Global Health journal (www.elsevier.com/locate/cegh.) on 11th February 2025)

Abstract: Problem considered: The accurate and timely identification of gynaecological cancers is critical for improving patient outcomes and increasing survival rates. However, diagnostic imaging for these conditions is complex and prone to human error, necessitating advanced computational methods to enhance diagnostic reliability. Methods: This study proposes an ensemble framework combining two state-of-the-art deep learning models, ResNet50 and Inception V3, for robust gynaecological malignancy detection. The synergistic integration of these models aims to leverage their strengths, significantly improving diagnostic performance. The models were trained and validated on a comprehensive dataset of medical images, including histopathology slides and radiological scans. The ensemble model's performance was rigorously evaluated using key metrics, including sensitivity, specificity, and overall diagnostic accuracy. Results: The ensemble model achieved remarkable diagnostic accuracy, with results showing 99.8 % accuracy, 99.6 % sensitivity, and 99.9 % specificity. In comparison, the individual performance of ResNet50 and Inception V3 models was substantially lower. This demonstrates the effectiveness of the ensemble approach in detecting a wide range of gynaecological cancers, including ovarian and cervical malignancies.

Robotic and Automation Engineering department faculty published following papers in Journals/Conference:

Prof. Dr. K. N. Nandurkar
PRINCIPAL

