



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

September 2024

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Issue : 09

■ **Eco-Friendly Ganesha Workshop**



Participants in Workshop



Eco-Friendly Ganesha Workshop

The **Eco-Friendly Ganesha Workshop** was held on Sunday, September 1, 2024, at the K. K. Wagh Institute of Engineering Education and Research Campus, Nashik. The workshop was organized in collaboration with **K. K. Wagh Education Society, Smart Management Interface Local Exchange (SMILE)**, and the **SPINACH Centre of Excellence**. This event was a remarkable initiative towards promoting sustainability and creativity. Around 3500 students from different schools and colleges in and around Nashik city participated in this workshop of making Ganesha idols from shadu clay. NSS team played a pivotal role in the organizing the workshop. The workshop not only encouraged environmental awareness but also fostered community spirit and teamwork among students, staff, and volunteers.

■ **Induction Program (F.Y. B.Tech)**



Nashik, MH, India  
Panchavati, Nashik, 422006, MH, India  
Lat 20.013441, Long 73.922411  
09/13/2024 11:31 AM GMT+05:30  
Note : Captured by GPS Map Camera



First Year Induction Program

The Department of Applied Science organised F.Y. B.Tech. Induction programme from 9<sup>th</sup> September to 21<sup>st</sup> September, 2024. The induction program was conducted in an online mode on 9<sup>th</sup> September, 2024 and in offline mode from 10<sup>th</sup> to 21<sup>st</sup> September, 2024. Online Expert Session of Dr. R. M. Jalnekar (Director, VIT Pune) on the topic "Handling Pressure in Engineering and Academics" was appreciated by the students.

'Concept Cafe' was the approach used to clear basic scientific ideas and activity based sessions for skill development were conducted in offline induction program. Sessions included 'India-A Funnel Full of Youth' by Mr. Harshad Bele; 'Scope for Engineers in Space Science' by Mr. Pushkar Hiray; 'Drone Technology' by Mrs Kanchan Borade; 'Developing Winners' by Dr. Anil Garg; 'Inner Engineering' by Mr. Krishna

Dhan Prabhu; 'Tips for Happy Living' by Swami Adwaitanand; 'Warli Painting Workshop' by Mr. Sanjay Deodhar; 'Nakhanjali' by Mr. Kiran Jagtap; 'Critical Thinking Workshop' by Dr. Dipti Gangavane and Dr. Mrunalini Vanarse; 'Engineers and Healthcare Industry' by Mr. Kaustubh Hiray; 'Journey from Stress to Beautiful State' by Aadyaji; 'Beauty of Odissi' by Ms. Kiran Khade; 'Vachan Sanskruti' by Mrs. Bhimatai Jondhale; 'Prakalpatil Kala and Saundarya' by Mr. Shyam Londhe; 'Blood Donation Awareness drive' by Dr. Purushottam Puri; 'Mazha Mitra Mazhi Maitrin' by Mr. Ajit Takke; 'Water conservation' by Er. Satish Khade; 'Positive and Negative Effects of Mobile' by Mrs. Shital Gaikwad; 'Carving out your Own Life' by Dr. Anand Bhawsar; 'Thought, Personality and Entrepreneurship' by Mr. Kiran Antre; 'Importance of Psychological State of Mind in Education' by Dr. Pratibha Chandak; 'Universal Human Values and Engineering' by Prof. Praveen Mehtre; 'Leadership Quality Skills' by Mrs. Smita Shinde.

Students were guided about F. Y. Academics by Prof. S. S. Joshi, F. Y. Academic Coordinator and Dr. A. W. H. Ansari, F. Y. Admission. Coordinator. Prof. Dr. K. S. Holkar, Controller of Examination, guided the students about the Exam Rules and Regulations. A Session on TPO of the institute connect was conducted by Dr. P. K. Shahabdkar, Training & Placement Officer. Students were made aware about Innovation and Idea Lab by Dr. R. K. Munje and Dr. P. J. Pawar.

Director Dr. K. N. Nandurkar welcomed the newly admitted students and their parents. During the sessions, the future journey of 4-year engineering was elaborated by Dr. S.Y. Kute, Dean Academics, Dr. V. K. Patil, F. Y. Coordinator, Dr. P. D. Bhamre, HoD IT and Dr. A. C. Pawar, HoD. Applied Science & Maths. Around 1000 newly admitted students of FY attended the Induction program.

#### ■ Induction program (F.Y. MCA)

The Department of MCA at K. K. Wagh Institute of Engineering Education & Research (Autonomous) hosted the Induction Programme 2K24, welcoming a new batch of students with a series of insightful sessions and speeches. The event commenced with student volunteers initiating the proceedings, followed by a welcome speech from Dr. V. C. Bagal. The programme featured the lighting of the lamp ceremony and the felicitation of dignitaries, including Mr. Tanzim Shaikh, who later delivered a keynote

address. SYMCA students and class toppers were also recognized during the event. Dr. S. Y. Kute, Dean Academics, and Dr. K. N. Nandurkar, Director of KKWIEER, addressed the audience, inspiring students to excel in their academic journey.



Director addressing the MCA Students

#### ■ Induction program (F.Y. MBA)



Dignitaries present for MBA Induction Program

An 'Induction Programme' was organized on 9<sup>th</sup> September 2024 to welcome the first-year students admitted to the 'Management Program'. The Students and their parents were cordially invited to attend this program with a purpose to introduce the students to an experience that not only makes them comfortable in an all-new environment but also helps them in overall development. Mr. Brijesh Jadhav, Deputy General Manager - HR at "Glenmark Pharmaceuticals Ltd" was the chief guest of the Program. He shared insights on industry expectations for management graduates, emphasizing the importance of developing relevant skills and staying updated with evolving technologies. Dr. K. N. Nandurkar, Director of KKWIEER, introduced the students to the institute, its rules, and the importance of focusing on academics. He encouraged students to enhance their skills and knowledge to excel in their chosen field. The program concluded with a vote of thanks by Dr. Saroj P. Dhake, Head,

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Department of Management Studies, who extended a warm welcome to the first-year students and thanked the guests for their valuable contributions.

### ■ Skill Development Programs



Inauguration of faculty development program on Industrial Automation



Inauguration of faculty development program on Smart Manufacturing



Participants of ideation workshop on Advances in Design Thinking and Innovations

KKWIEER-IDEA lab has completed following skill development programs in September 2024:

- A six days skilling program on “Robotics System Design” from 2<sup>nd</sup> September to 7<sup>th</sup> September 2024. Total 47 students of KKWIEER, Nashik actively participated in the program. The Skilling program was coordinated by Prof. P. R. Beldar and Prof. P. K. Kavale.
- A six days faculty development program on “Industrial Automation” from 9<sup>th</sup> September to 14<sup>th</sup> September 2024. Total 33 faculties from various engineering, polytechnic and science college of Nashik region actively participated in the program. The faculty development program was coordinated by Dr. S. V. Kadbhane and Prof. R. V. Bhaskar.
- A six days skilling program on “Design of Electric Vehicle” from 20<sup>th</sup> September to 25<sup>th</sup>

September 2024. Total 48 students of KKWIEER, Nashik actively participated in the program. The Skilling program was coordinated by Prof. G. N. Jadhav.

- A six days faculty development program on “Smart Manufacturing” from 23<sup>rd</sup> September to 28<sup>th</sup> September 2024. Total 26 faculties from various engineering, polytechnic and science college of Nashik region actively participated in the program. The faculty development program was coordinated by Dr. R. K. Munje and Dr. S. V. Kadbhane.
- A six days faculty development program on “Advances in Design Thinking and Innovations” from 30<sup>th</sup> September to 5<sup>th</sup> October 2024. Total 43 students of KKWIEER, Nashik actively participated in the workshop. The Ideation Workshop was coordinated by Dr. Y. D. Bhise and Prof. K. P. Birla.

Programs were intended to provide participants with new technologies such as robot technology, 3D Printing, 3D Scanner, Laser Cutting, PCB designing, PCB milling and Arduino and also it provided opportunity to participants to work in team, build integrity and work in multi-disciplinary fields. Students were trained on various tools, machines and equipment in the AICTE IDEA lab by AICTE IDEA lab gurus and student ambassadors. Participants have prepared project using advanced machines.

### ■ Faculty Development Programs

**IET** K. K. Wagh Institute of Engineering Education & Research, Nashik  
Department of Chemical Engineering  
in Association with  
IET Nashik Local Network  
K K Wagh

**Five-Days International Faculty Development Programme (Online-Mode)**  
**Resource Persons**

 Dr. Saemil Raju Pilli Assistant Professor, Jazan University, Saudi Arabia	 Dr. Parag R. Gagote Professor, ICT Mumbai	 Dr. Yamal Banerjee Professor, IIT Guwahati	 Dr. Nilesh A. Mali Scientist, NCL, Pune	 Dr. Parimal Parikh Professor, SVMIT Surat
 Dr. Sachin Mandavane Professor, VIT Nagpur	 Dr. Murali M. Seepana Associate Professor, NIT Warangal	 Dr. Mahendra Galwad Assistant Professor, NIT Raipur		

Chemical Engineering Department conducted Five-Day International Faculty Development Program (Online Mode) on “Emerging Technologies and Innovations: Pioneering Environmental Sustainability” from 30<sup>th</sup> September 2024 to 4<sup>th</sup> October 2024. This event

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aimed to equip participants with advanced knowledge and foster interdisciplinary collaboration to integrate sustainable solutions into teaching, research, and industry practices. The program featured insightful sessions on cutting-edge technologies, led by resource persons from prestigious institutions such as IITs, ICTs, NITs, and CSIR labs, along with Foreign Universities. About 153 participants from various fields and countries attended the FDP. The Convener, Dr. Suyog N. Jain, along with Coordinators Dr. Yennam Rajesh and Dr. Neha Gautam, extended their heartfelt gratitude to all resource persons and participants.



Mechanical Engineering Department conducted a five-day Faculty Development Program (FDP) on "ANSYS and Computational Fluid Dynamics (CFD)" from 30<sup>th</sup> September to 4<sup>th</sup> October 2024. Resource persons were Mr. Chetan Patil and Mr. Surjith Baig, Application Engineer ARK Info solutions Pvt. Ltd., Pune This comprehensive training equipped faculty with hands-on experience in simulation-driven design and analysis, enhancing their industry-ready skills. FDP was coordinated by Prof. N. V. Patil & Prof. A. D. Bhagure.



Felicitation of Shri. Jitendra Gupta

A session on 'Entrepreneurship Development' is organized on September 21, 2024 by Shri. Jitendra Gupta, Ex National President, Lahu

Udyog Bharti. The two-hour session witnessed the enthusiastic participation of 110 students, who engaged actively with Mr. Gupta's thought-provoking insights on how to foster creativity, launch startups, and navigate the challenges of the entrepreneurial journey. Dr. Sunil Kute, Dean (Academics) felicitated the guest. Prof. Swanand Dongre Co-ordinated the event.

### Teacher's Day Program



Felicitation of Prof. Anil Rao

Teacher's Day was celebrated on September 13<sup>th</sup>, 2024. The event was graced by Hon. Prof. Anil Rao, a distinguished member of the NEP Implementation Steering Committee and former Principal of MooljiJaitha College, Jalgaon, as the Chief Guest. In his extempore address, Director, Dr. K.N. Nandurkar reflected on the institute's significant achievements over the past 40 years and shared insights on its future plans. The event commenced with a special assembly, where students and faculty came together to express their gratitude towards the teaching fraternity. In his keynote address, Hon. Prof. Anil Rao shared his vast experience, emphasizing the importance of curriculum reforms and a futuristic approach to education. He remarked on the nobility of the teaching profession, saying, "Teaching is a noble job," and underscored the vital role educators play in shaping society. A highlight of the event was the felicitation ceremony, where teachers who have served for over 10, 20, and 30 years were honored, along with their spouses. Among those felicitated were Prof. Nitin Sahane, Shri Govind Kshirsagar, and Shri Kailash Shinde, in recognition of their long-standing contributions. Dr. (Mrs.) S.M. Kamalapur served as the program coordinator, while Prof. Snehal Chaudhary and Prof. Jagruti Nikam elegantly hosted the event. Prof. Dr. Vilas Patil concluded the program with a vote of thanks, expressing gratitude to all who contributed to the event's success. Dr. Sunil Kute, Dean Academicas and Dr. (Mrs.) Preeti Bhamre, Dean, Quality Assurance were present on the dias.

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### ■ BricsCAD Value Added Course



The Department of Chemical Engineering organized a five-day "Hands-on Training on BricsCAD" from September 22 to September 26, 2024, for third-year B.Tech students, and from September 27 to October 1, 2024, for final-year students. The sessions were led by Mrs. Rucha Lathe from Apollo Institute, Nashik. A total of 47 third-year students and 26 final-year students participated in the course. This training provides valuable skills that enhance students' job prospects in the field of Process Design Engineering within the chemical industry.

### ■ Blood Donation Camp



Blood Donation Camp

The NSS unit celebrated the first anniversary of "Birthday Blood Donors" Club of K. K. Wagh" in the institute on 2<sup>nd</sup> September 2024. Prof. Vishwas Takate, I/C Registrar and Dr. Purushottam Puri, Regional BTO, Nashik donated blood on the occasion of their birthdays. More than 550 blood bags were donated under the Birthday Blood Donors' Club of K. K. Wagh in the academic year 2023-24 to the government blood bank. On this occasion, Dr. K. N. Nandurkar, Director appealed students to achieve more than 1000 blood bags donations in the academic year 2024-25.

### ■ Expert Lecture/Seminar/Courses/Workshop Organized:

The **Electronics and Telecommunication Engineering Department** organized following informative events in September 2024:

- Expert talk on "Antenna Innovations: Exploring Recent Research Trends" by Dr Kasturi Patil Application Engineer ANSYS (HF), Pune on 24/09/2024.
- Expert talk on "Mastering Python Fundamentals" on 28/09/2024.

The **Civil Engineering Department** organized a series of expert lectures in September 2024 on various technical and professional topics:

- Expert Lecture on "Technical Sales & Q.C. Head" by Ambuja Cements Limited, Unit – Dirk India Nashik on 03/09/2024.
- Expert Lecture on "Environmental Health & Safety" by Ex. Safety Auditor at Polygenta Technologies Nashik on 04/09/2024.
- Expert Lecture on "Disaster Management" by Er. Atharva Patil, Project Officer at Maharashtra Energy Development Agency on 19/09/2024.

The **Chemical Engineering Department** organized expert lectures and career guidance sessions in September 2024::

- Expert session on "Sulphur Recovery Unit" by Prof. V. V. Mahajani, Ex-Professor, ICT Mumbai on 20/09/24.
- Expert session on "Career Guidance to TY and SY students " by Mr. Rahul Patil, Process Design Engineer, Cata Pharma Ltd, Nashik on 26/09/24.

Iteiron Club of Information Technology Department organized an expert session on "Full-Stack Development" by Ms. Aditee Katti, Full Stack Developer, Infosys, Pune 21<sup>st</sup> Sept. 2024.

The Department of Robotics & Automation organized expert lecture of Mr. Vishnu V. Nair



Director, Institute of CAD Technology, Nashik on Finite Design Essentials in the field of Automation & Robotics on 24/9/2024.

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

- Mechanical Engineering faculty Mr. P. R. Beldar, Mr. P. K. Kavale attended Workshop on “Robotic System Design” from 2/9/2024 to 7/9/2024.
- Electronics and Telecommunication faculty Ms. V. D. Saudagar has attended 2 Days Bootcamp on “PYTHON BOOTCAMP” from 26/09/2024 to 27/09/2024.
- Information Technology faculty, Prof. Ms. Smita Chaudhari and Prof. Ms. Yogita Algat, along with Robotics and Automation Department faculty, Mrs. Chandramore R. have successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Blockchain Technology” at K. K. Wagh Polytechnic, Nashik, from 23<sup>rd</sup> to 28<sup>th</sup> September 2024. Prof. Ms. NagamaKazzi, Prof. Ms. Poonam Patil and Prof. Ms. Tahreem Shaikh have successfully completed AICTE-IDEA Lab six days Faculty Development Program on “Industrial Automation” at K. K. Wagh Institute of Engineering Education & Research, Nashik from 9<sup>th</sup> to 14<sup>th</sup> Sept. 2024. Prof. Ms. Ashwini Suryawanshi and Prof. Ms. Prajakta Pagar have successfully completed AICTE-IDEA Lab six days Faculty Development Program on “Smart Manufacturing- a Multi-Disciplinary Approach” at K. K. Wagh Institute of Engineering Education & Research, Nashik from 23<sup>rd</sup> to 28<sup>th</sup> Sept. 2024.

**Training & Placement :**

Company Name	Department Name	Placed Students
Aress Software, Nashik	Information Technolog	02
Technip Energies, Mumbai	Chemical Engineering	01

**Industrial Visit**

Sr. No.	Company Name	Department	Class	Date
1	AADD Technologies	E & TC	BE Div B	27/09/2024
2	Shri Krishna Engineering MIDCAmbad	Mechanical	TY	25/09/2024
3	Parle Pvt. Limited, Igatpuri	Information Technology	SY	13/09/2024
4	Sewage Treatment Plant, Tapovan, Nashik	Chemical	SY	04/09/2024
5	Hydrology Project Sub Division, Nashik	Chemical	SY	23/09/2024

**Abstracts of papers presented during September 2024**

**Title: Utilizing machine learning to forecast mechanical characteristics of NaOH-Treated jute fiber reinforced composite materials**

Author: Pankaj Beldar; Conference: Elsevier, Science Direct, Materials Letters

**Abstract:** The prediction of mechanical properties in composite materials is crucial for optimizing their performance in various engineering applications. This study focuses on NaOH treated jute fiber reinforced glass epoxy composites, aiming to predict key mechanical characteristics like flexural strength, tensile strength, and the hardness. A comprehensive dataset of 974 samples was analyzed, encompassing a range of input parameters including fiber content, fiber orientation, matrix type, and processing conditions. Advanced statistical and machine learning techniques were employed to develop predictive models, with XGBoost showing itself to be the best model in terms of predicting each of the three mechanical properties. Feature importance analysis revealed that fiber content is the most significant factor influencing the predictions.

**Other Activities:**

- Prof. Ms. Priya Rakibe from department of Computer Engineering awarded “Best Faculty of the Year” by Computer Society of India, Mumbai Chapter.
- Shrey Salunkhe, Meghraj Bhavsar, Sahil Patil, Areen Shinde students of Second Year Computer Engineering and Prof. Priya Rakibe, mentor awarded “Best Student Project” by Computer Society of India, Mumbai Chapter.
- First Year B Tech student Mr. Dabe Durgesh Mahesh won Bronze Medal in 16<sup>th</sup> State level Para Swimming Championships.
- Total FY admissions at the end of CAP Round 3 are 1173 and total admission to Direct Second Year at the end of round 3 are 226.

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

