



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

December 2022

Vol. : 14
Issue : 12

■ **Neeraja Trust provided Scholarships
FOR A.Y. 2022-23**



Distribution of Certificates by Mr. Vasant Marathe

Neeraja Trust provided Scholarship for A. Y. 2022-23 to ten meritorious and financial weaker students of our institute. Certificates to selected students were handed over at the hands of Mr. Vasant Marathe (Trustee, Neeraja Trust).

Sr. No.	Name of Students	Class
1.	Akshay Khandare	SE IT
2.	Rahul Barahate	TE Chemical
3.	Chaudhari Atharva	TE Computer
4.	Gurule Shruti	TE AIDS
5.	Nikte Pranav	TE Robotics
6.	Vidhate Pratham	BE Civil
7.	Tambe Pratiksha	BE Computer
8.	Pagare Gaurav	BE E & TC
9.	Bhamre Harshal	BE Electronics
10.	Mokate Aniket	BE Electrical

■ **An expert Talk by Ms. Geetika Kambli**



An Expert talk by Geetika Kambli

An expert lecture and interaction session of Ms. Geetika Kambli, Chairperson of CII Indian Women Network, Maharashtra and Director of Future Factory India was organized on 9th December 2023. It was organized by CII- Indian Women Network (IWN) Chapter of our Institute for girl students. Interaction with female faculty members was also organized.

On this occasion Mr. ManojDeshmukh, Plant Head, Caprihans, Nashik and Chairman CII Nashik Zonal Council was also present.

■ **Meeting with Prof. D. P. Nathe**



Meeting with Prof. D. P. Nathe

Prof. D. P. Nathe (Jt. Director, DTE Nashik and Principal of Government Polytechnic, Nashik) guided the members about the successful implementation of the Autonomy in the institute besides challenges that may occur during the implementation process. Principal Dr. K. N. Nandurkar felicitated to Prof. D. P. Nathe on this occasion. All Deans, HODs, TPO, Exam COE and other members of the Exam cell attended the meeting.

The Model developed by Prof. D. P. Nathe is useful planning the curriculum Design as well as implementation. He suggested that student centric approach should be used in implementation autonomy.

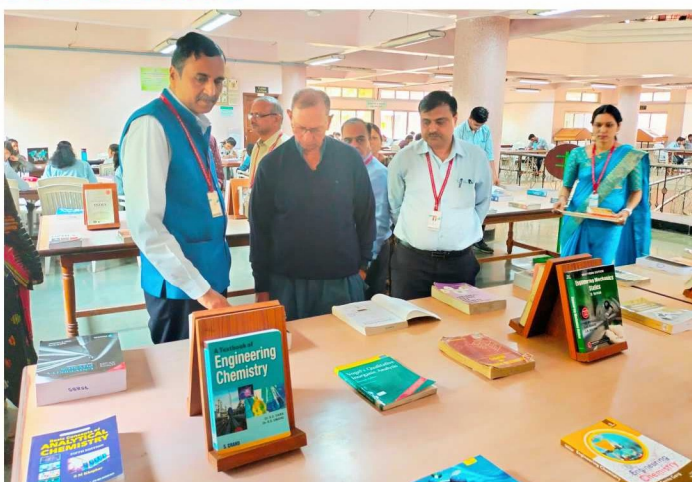
■ Mock drill for Fire Security System



Mock drill for Fire security system

On 8th December 2022, mock drill for fire system was organized in the institute. The demonstration of "How to use fire security system" to peons and security guards was organized.

■ Book Exhibition



Book Exhibition

Central Library of our institute organized a book exhibition on 13th and 14th December 2022 for first year students to create reading habits among students. It was inaugurated by the hands of Dr. V. G. Pangarkar (Ex Professor, ICT Mumbai) and Principal Dr. K. N. Nandurkar.

Prof. V. G. Pangarkar appreciated the efforts of the institute and suggested that latest editions of all books should be made available in the library.

■ A six day Skilling program on "Advanced Manufacturing Systems"

Department of Mechanical Engineering in association with the KKWIEER-IDEA lab has completed a Six days 'Skilling Program on Advanced Manufacturing Systems' from 19th to 24th December 2022. Total 39 students of

Pharmacy College participated in the program. Program was intended to provide participants with hands on practice on advanced manufacturing systems. Also, it provides opportunity to participants to work in team, build integrity and work in multi disciplinary fields. This Skilling Program throw light on successful implementation of Advanced Manufacturing systems by use of technology and problem solving skills such as Design Thinking. A poster competition was conducted in this program to represent how IDEA Lab facility will help them to complete their mini projects.



Inauguration of 'Skilling Program on Advanced Manufacturing Systems'



Group Photo graph of 'Skilling Program on Advanced Manufacturing Systems'

■ A Mini Project Competition



A mini project competition

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A mini project competition for the course “Object Oriented Programming & Computer Graphics” was conducted for SE Computer, AIDS and CSD students on 13th December 2022 sponsored by the KKWIEER CSI students' branch and Debuggers' Club of Department of Computer Engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik. Mr. Yash Gade, Software Developer, NVIDIA and Prof. Rasika Ghavate, Assistant Professor, MCA Department, K. K. Wagh Institute of Engineering Education & Research, Nashik worked as judges for the competition. Total 25 groups participated in the competition and the first 3 rankers were declared. The projects implemented by students were mainly focusing on Game development, animation clips etc.

■ **From Campus to Corporate**



The event “From Campus to Corporate”

The event “From Campus to Corporate” was organized by KKWIEER CSI students' chapter on 14/12/2022 with a motto to make students placement ready by testing their technical and communication skills through various intriguing rounds such as Aptitude Round, Group Discussion, Technical Round and Personal Interview. The event was a huge success with over 140 participants. As the name suggests aptitude round was conducted to test the analytical and logical reasoning skills of students. It was conducted as Computer Based Test (CBT) in online manner by using “Myexamo” platform provided by TPO cell of our college. Next was the Group Discussion round which tested the communication skills of students. Not only that, but students were rigorously judged based on their confidence and personality development. Every group had 7 members and they were given

7 minutes. Technical round which was held online on Hacker rank, where every student had to solve three challenges, the round was successful as a very real-time platform was used to test the students. Finally the top 15 shortlisted students got the opportunity to witness Personal Interviews by Industry Experts which further included technical and HR round and top 4 candidates were chosen as winners. The rounds were followed by Valedictory Ceremony of “From Campus to Corporate”.

■ **Participation in Homethon Property Expo-2022**



Homethon Property Expo- 2022

Our Institute participated in Homethon property expo- 2022 which was organized during 22nd to 25th December 2022. In this expo, our institute displayed the working projects and also showcased K. K. Wagh Education Society.

■ **Expert Lecture/Seminar/Courses/Workshop Conducted:**

- Electronics & Telecommunication department organized Expert talk on “Online Udemy course on video Recording and Editing” by Bryan Guerra on 02/12/2022, Expert talk on “Managing Self before Managing Others” by Mrs. Meenakshi Kulkarni, Founder and Director, Adept Vision on 03/12/2022, Expert talk on “How to prepare PPT in Latex” by Mrs. S. A. Shevgekar on 03/12/2022 and Expert talk on “Leadership Lessons from Bhagvad Gita” by Mr. Krishna Dhan Das on 10/12/2022. Same department also organized an Expert talk on “Path for Success and Academic Performance” by Dr. Ms. Pratibha M. Chandak on 30/12/2022.
- Civil Engineering Department organized an Expert Lecture on “Awareness of Pollution Control” by Prof Prakash Kadave, Principal, K K Wagh Polytechnic, Nashik on 02/12/2022.
- Electrical Engineering Department organized an Expert talk on “National Energy

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Conservation Day” by Mr. Anil Thete, Additional Executive Engineer, MSETCL on 14/12/2022 and an Expert talk on “Getting Closer to the Professional through IEEE” by Mr. Dattatray Sawant, Membership Development Committee on 26/12/2022.

- Mechanical Engineering Department organized an expert talk by Mr. Nachiket Sabris, Senior Industrial Engineer 07/12/2022, Expert Lecture by Mr. Heramb Sahastrabudhe, Mentor, Make in India, Startup on 29/12/2022 and Online webinar on topic of “Recent Trends in Drone Technology” by Mrs. Vaishali Lele, Senior Training & Certification Manager on 04/12/2022.
- Chemical Engineering Department organized an expert lecture on “Utilization of Propylene: Hydroformylation- Oxo Synthesis” by Dr. V. V. Mahajani, Rtd. Professor, ICT, Mumbai.

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

- Computer Engineering departmental Prof. K. P. Birla, Prof. Ms. A. V. Tavare & Prof. Ms. I. Priyadarshini attended One week online FDP on “Machine Learning” by SIT, Lonavala, Pune from 7th to 11th Dec. 2022. Prof. Dr. (Mrs.) Y. D. Bhise attended Multidisciplinary STTP on “Updates in Teaching Learning Techniques and Research Learning” by Priyadarshini College of Engineering, Nagpur from 19th to 23rd December 2022. Dr. (Mrs.) Snehal M. Kamlapur, Mrs. Jyoti R. Mankar and Mrs. Priti P. Vaidya have attended MOOC course on “Complete Data Analysis with Pandas : Hands-on Pandas Python” on UDEMY Platform.
- Electronics & Tele Communication departmental staff Mrs. R. V. Chothe and Mrs. S. V. Shelke attended National Level Faculty Development Program on “Research Methodology” organized by Department of Commerce, PPG College of Arts and Science, Coimbatore during 12th - 19th December 2022.
- Chemical Engineering Staff Prof Piyush Joshi attended Two Week Patent Course by Turnip Innovations from 02/12/22 to 15/12/22 and he also completed course on Udey Platform on “Gas Absorption & Stripping in Chemical Engineering” from 05/12/2022 to 13/12/2022.
- Information Technology Department staff Pragati V. Pandit completed the Indo-USA Online Short-term Course on “Brain-Inspired Computing, Brain Network Analysis and Post-

Quantum Security” Organized by School of Electrical Sciences, Indian Institute of Technology Bhubaneswar Sponsored by Scheme for Promotion of Academic and Research Collaboration (SPARC), Ministry of Education.

■ **Congratulations**



Prof. Badal Kumar, Faculty of Electrical Engineering of our institute awarded a Ph.D in Electrical Engineering from NIT, Manipur under the guidance of Dr. Shuma Adhikari & Prof. (Dr.) Nidul Sinha

■ **Congratulations**



Prof. Vilas Baburao Shinde, Faculty of Civil Engineering of our institute was awarded a Ph.D in Civil Engineering from Sardar Vallabhbhai National Institute of Technology, Surat under the guidance of Dr. Rakesh Kumar.

■ **Abstracts of papers presented during Dec 2022**

Empirical Relationship between the Impact Energy and Compressive Strength for Slurry Infiltrated Fibrous Concrete (SIFCON)

Prof. Dr. Pradip D Jadhao

(Published in Proceedings of the 12th Structural Engineering Convention (SEC 2022), NCDMM, MNIT Jaipur and Published by Alwaha Scientific Publishing Services, ASPs. doi:10.38208/acp.v1.640)

Abstract: In this research, an empirical relationship between the impact of energy and compressive strength is developed using regression analysis. For this, simple, practical, and economical drop weight test was performed on Slurry Infiltrated Fibrous Concrete which was based on the testing procedure recommended by ACI committee 544. Hook ended steel fibre of 35 mm length and an aspect ratio of 60 was used as the reinforcing material in four different volume fractions such as 0%, 2%, 3% and 4% with water cement ratio of 0.4. The test results indicated that increasing volume fraction of fibre increased the impact resistance of concrete specimen. It is also found that the empirical relationship obtained from the regression analysis is accurate and preferable to evaluate the impact energy by using compressive strength of Slurry Infiltrated Fibrous Concrete thus eliminating the drop weight test.

Prof. Dr. K. N. Nandurkar
PRINCIPAL

