



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

December 2023

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■ **Industry Leaders Summit 3.0 in K.K.Wagh
on 14th December 2023**



Bird View of Round Table Discussion



Round Table Discussion

K K Wagh Education Society organized an Industry Leaders Summit 3.0 on 14th December 2023 at College ground for interaction with CEO/Plant Heads of various industries in Nashik area. Objective of this Industry Leaders Summit 3.0 was to take the inputs from industry leaders and to address the following issues:

1. Making students ready for professional world
2. Future trends in technology and skillsets required
3. Impact of Artificial Intelligence on skill sets and on manpower requirement in industries
4. New technological courses to be introduced
5. Industry collaborations for enhancing: Innovation , Centre of Excellence, Research and Start-ups

6. Life-long learning opportunities for working professionals
7. Enhancing interest of students in core branches
8. Aligning curriculum with Industry-needs

This meet was attended by 138 CEO/Plant Heads/Vice-Presidents/ GM and Senior Managers of large and medium scale industries of in and around Nashik and few prominent industries of Mumbai and Pune. Principals, HODs and senior staff members of Engineering College, Polytechnic, Pharmacy, Agri and Allied Colleges and Sr. Colleges run by K.K. Wagh Education Society interacted with the industry officials. Profile of the invited organizations includes: Manufacturing Industries like ABB, Mahindra and Mahindra, CEAT etc., Public Sectors like DRDO, Indian Oil Corporation Ltd, HAL, Security Press and BSNL; Service Sectors like Banks, Insurance etc; Government Organizations Like: Director of MIDC, Small Scale Industrial Office, Laghu Udyog, Maharashtra Chamber of Commerce, MEERI, PWD, Industrial Safety and Boiler Safety Boards etc., Professional Bodies and Industrial Organizations like: CII, NIMA, NIPAM, IEI, CSI, Architectures & Engineers Association (A&E), Association of Consulting Civil Engineers, Practicing Valuer's Association (PVA) etc

The program started with the networking and showcasing of working Projects done by students in AICTE-Idea lab. Around 11 projects were displayed and this idea of showcasing the projects is very much appreciated by the industry leaders. The main program began with welcome speech and presentation by Principal, Dr K N Nandurkar. He shared the details about K K Wagh Education Society and its institutes, facilities available, academic performance and achievements of students, research and

consultancy works carried out by institutes. This is followed by the presentation by TPO (Training and Placement Officer) Dr. P. K. Shahabadkar who shared about the theme and guidelines of the Industry Leaders Summit 3.0 and its objectives. TPO also presented suggestions, action taken and outcomes of Industry Leaders Summit 2.0 which was held on November 2019. After the round table discussion, Mr. Saket Chaturvedi, CEO, HAL, Nashik, Mr. Ganesh Kothawade, President ABB, Mr. Ravi Damodaran, Director, Ekaagra Solutions, Dr. Goraksh Garje, Joint Director, DTE, Nashik presented their views on themes and provided their inputs for K. K. Wagh for: Curriculum Development, Making Students Industry Ready, Consultancy, Student Projects and Innovation, Mechanism for developing an Entrepreneur, Joint Research Opportunities, Effect of Indianisation and its opportunities. Mr. Sudhir Mutalik, Managing Director, Positive Metering Pumps and Member of National Council of CII summarized the proceedings and appreciated the efforts done by K. K. Wagh Education Society, Nashik in bridging the gap between industry and academia.

Hon. Smt. Shakuntalatai Wagh, Shri. Ashok Merchant, trustee of K. K. Wagh Education Society and Shri. Ajinkya Wagh, Director, Public Relations were also present during the meeting. Chairman of K. K. Wagh Education Society Hon. Sameer Wagh felicitated all the dignitaries on the stage.

■ National Level Students Conference on 'Artificial Intelligence & Machine Learning and IOT Applications in Electrical Engineering'



Prize Winners of National Level conference

Department of Electrical Engineering in association with IET Nashik Local Network and EFFECT Student Body of the Department has conducted a National Level Students Conference

on 'AI& ML and IoT Applications in Electrical Engineering' from 29th to 30th December 2023. A total of 25 research papers are received for the conference. The Chief Guest and the keynote session speaker for the conference was Shri. Vimal Chaubey (Data Engineer at Tata Croma and Chairman of IET Mumbai Local Network). He delivered a talk on "Wired for Innovation: AI, ML, and IoT Transformations in Electrical Engineering" for all the students and participants. Dr. Shubra Jyoti Sarkar and Dr. Abhishek were the session chairs for the conference. During the valedictory function, Dr Shubra Jyoti Sarkar presented his views on the overall conference and guided all the students to write good-quality research papers. The first prize was given to Yashraj Desale (K.K. Wagh Institute of Engineering Education and Research), the second prize was given to Nitin Shejwal (Sanjivani College of Engineering) and the third prize was given to Kishori Badgujar, Viraj Jadhav and Gayatri Desale (K. K. Wagh Institute of Engineering Education and Research). The conference was well-organized by Prof. Nayana Jangle and Prof. Snehal Sagare.

■ Expert Session by Dr. B. N. Chaudhari



Expert Session by Dr. B. N. Chaudhari

The Department of Electrical Engineering in association with IQAC of the Institute has organized the session of Dr. B. N. Chaudhari, Principal, Sardar Patel Institute of Technology, Mumbai on 21st December 2023 for all the faculty members of the institute on 'Curriculum Design in the View of NEP 2020'. The session was very interesting and interactive. All the faculty members enjoyed the session. The strong message was to work hard to make the successful implementation of NEP at the institute.

■ Annual General Meeting of IET

The Annual General Meeting and Elections for the IET India Nashik Local Network were continued on page 3

conducted on 23rd December 2023 at Hotel Grant Rio, Nashik. In this AGM, Prof. Dr. Prashant Kushare (I/c HOD, Mechanical Engineering) was elected as Chairman of IET Nashik Local Network. From the Electrical Department, Prof. Sudhir Shinde and Prof. Nayana Jangle are elected respectively as Vice-Chairman and Secretary of the IET Nashik Local Network for 2024. Principal Dr. K. N. Nandurkar congratulated to all the elected members.



Participants of AGM of IET Nashik

■ Visit of Shri. Mahesh Nandurkar, MD, Jefferies India Pvt., Ltd



Shri. Mahesh Nandurkar, interacting with students

Shri. Mahesh Nandurkar, MD Jefferies India Pvt., Ltd., visited AICTE Idea Lab on 23rd December 2023. Principal Dr. Keshav Nandurkar gave brief information about AICTE IDEA Lab to him. Mr. Mahesh Nandurkar is alumnus of IIT, BHU and IIM Calcutta. He has vast experience as strategist in financial sector. He appreciated the projects done by students and assured guidance for students coming out of college.

■ Governing Body Meeting



Governing Body Meeting

Governing Body Meeting in affiliated system under Chairmanship of Shri Ashokbhai Merchant, Trustee, K. K. Wagh Education Society was completed on 16th December 2023. For the meeting other committee members and Principal Dr. K. N. Nandurkar were present.

■ CDC Meeting

CDC Meeting in presence of Shri. Ashokbhai Merchant and Mr. Arvind Mahapatra was organized on 30th December 2023. Other members of committee and Principal Dr. K. N. Nandurkar were present for same. Member appreciated the efforts done by institute in recent period and congratulated staff and students for their achievements.

■ Students Internship in Dubai



Students with Dr P. K. Shahabadkar (T&P Officer)

Eight students of K. K. Wagh Institute of Engineering Education and Research, Nashik have successfully completed their internship in Dubai. Two Civil Engineering Students have done internships in Allied Contracting, LLC, Dubai. Four students of Computer Science Design, One from IT and One from Mechanical Engineering have done their internship in Five Holdings, Dubai. Students and Parents appreciated this golden opportunity given to them through college.

■ Other Activities

- Principal Dr. K. N. Nandurkar and Prof. Shivaji Kale visited HAL Nashik on 5th December 2023 to participate in Industry Meet 2023: A step towards Atmanirbhar Bharat. Interaction was done with CEO and Senior leaders of HAL Nashik.
- Principal Dr. K. N. Nandurkar and other staff attended inauguration of Science exhibition organized by K. K. Wagh Polytechnic in AICTE Idea Lab on 19th December 2023. Principal Dr. K. N. Nandurkar also attended prize distribution of Science Exhibition in AICTE Idea Lab on 20th December 2023.

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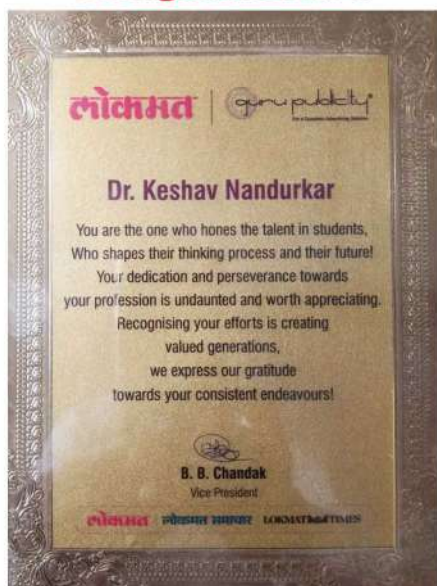
- On 6th December 2023, our institute signed MoU with DADB Educational Consultants for training of students and opportunities for internship in Germany as a part of providing opportunities for Internationalization as per NEP 2020.
- The institute has actively participated in the IIC Regional Meet on 16th December 2023 at D. Y. Patil University. From the institute, it was attended by Prof. Mangesh Panchbai, Prof. Abhijit Pawar and Prof. Pankaj Ranade.
- An online session by Prime Minister of India Hon. Shri. Narendra Modi on Vikasit Bharat @2047 was organized for students in Central Library on 11th December 2023 as a part of awareness about opportunities in future.

- Team AGARTAS from department of AIDS & Computer engineering secured 1st Prize in Smart India Hackathon- 23 Hardware Category held at Chennai with cash prize Rs. 1 Lakh.



Team AGARTAS

■ Congratulations !!



Principal Dr. K. N. Nandurkar received Certificate from Lokmat for continuous guidance and honing the students as leader of institute.

■ Congratulations !!

- Team Solution Trackers from F. Y. B. Tech secured position in top 5 teams all over India in Smart India Hackathon-23 Software Category held at Mysore.
- Team CoReselected for final round in the Smart India Hackathon (SIH 2023) held at St. Joseph College of Engineering, Chennai. The patent based on the prototype has been applied successfully through our college.

■ Abstracts of papers presented during December 2023
Review on detection and prediction of crop disease and pest using machine learning

Prof. Poonam L Patil, Prof. Smita N Chaudhri & Prof. Nagama S. Kazzi

(Published paper in Heritage Research Journal, Volume 71, Issue 12, 2023, ISSN No.: 0474-9030)

Abstract: Considering the latest rate of population expansion, it is anticipated that by the decade 2050, global crop productivity will need to double. Although crop diseases pose serious risks to food security, it is still stimulating to promptly diagnose them due to a lack of infrastructure in many parts of the world. It is critical to develop operative techniques for the automatic detection, identification, and prediction of diseases in agricultural crops because these methods can be used to gain the knowledge of crop diseases. This survey presents a literature on various ML techniques used in agriculture area, by encouraging the development of methods that will enable farmers to reduce their use of pesticides and chemicals while conserving and increasing their crop quality and productivity. This survey intends to aid in the advancement of precision farming and smart farming.

Keywords: Plant diseases and pests, classification, detection, machine learning

Prof. Dr. K. N. Nandurkar
PRINCIPAL

