

Lecture by Dr. Abhay Wagh, Director, Technical Education, Maharashtra State



Felicitation of Hon. Dr. Abhay Wagh, Director, Technical Education, MS

Lecture by Dr. Abhay Wagh, Director, Technical Education, Maharashtra State was organized in the institute on 7th March 2019 for all staff. He was felicitated at the hands of Hon. Shri. Balasaheb Wagh, President, K. K. Wagh Education Society. For the program Joint Director (DTE, Regional Office, Nashik) Prof. D. P. Nathe was also present. Trustee, Shri. Changdevdada Holkar, Trustee, Shri. Sameer Wagh, Secretary, Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, all other Principals, Heads of department and staff of various institute of K. K. Wagh Education Society were present for the program.

Lecture by Shri. Deepak Ghaisas



Felicitation of Shri. Deepak Ghaisas, Industrialist, Mumbai

Lecture by Shri. Depeek Ghaisas, Industrialist, Mumbai was organized in Kurtkoti Shankaracharya Nyas by our institute on 8th March 2019. He talked on how new ideas can be generated and how to use them for the product generation. He focused on the innovation into viable product. On this occasion Shri. Shrikant Karode (Member of Governing Body) was president of the function. He also emphasized on the innovative ideas can be utilized for viable product. For the program Hon. Shri. Balasaheb Wagh, President, K. K. Wagh Education Society, Shri. Changdevdada Holkar, Trustee, Principal Dr. K. N. Nandurkar, Heads of department, staff of various institutes of K. K. Wagh Education Society and Nashik citizens were present.

Karmaveer Expo-2019



Inauguration of Karmaveer Expo 2019



Prize Winners of Karmaveer Expo along Guest and Judges

Department of Electrical Engineering of our institute in association with IET (U.K.) Nashik Local Network has organized a National Level Working Model/Project Contest, "IET- Karmaveer Expo 2019" for the students of Engineering & Technology during March 22-23, 2019. The department is organizing this event since year 2003. This is 17th year of IET-Karmaveer Expo. The objective of organizing this contest is to link the theory knowledge gained by the students in class to practical knowledge and to provide platform to students for the sharing the technical knowledge and explore their ideas in the form of models. The IET- Karmaveer Expo 2019 was inaugurated on March 22, 2019 in the presence of Chief Guest Hon. Shri. Harishankar Banerjee, President, EPCOS India Pvt. Ltd., Nashik and Guest of Honor Hon. Shri. Anant Waghchoure, Manager, Megger India Pvt. Ltd. The project entries were divided into two groups: Group A: Electrical Transportation, Renewable energy, Energy storage & IoT Applications in Electrical & Electronics. Group B: Chemical, Agriculture, Food Processing, Manufacturing Process, Relevant IoT Applications & Life Sciences. The prizes were given to the best three models from each group. The total prize amount was Rs. 2,50,000/-. Prizes each group were: First Prize: Rs. 65,000/-, Second Prize: Rs. 40,000/- and Third Prize: Rs. 20,000/-. During these two days of event, paper presentation competition PSRES-2019, the poster competition on the theme, "Electrical Transportation and Digital Manufacturing (Industry 4.0)" and photography competition were also conducted for the students. Total Models presented in Expo 2019 were 110 and participants- 318. For PSRES-19 paper presented were 46 and participants were 86, the posters exhibited were 32 and participants were 98, and 13 students are participated in photography competition. The IET- Karmaveer Expo 2019 prize distribution was done on March 23, 2019 in the presence of chief guest Hon. Shri. Mukul Shrivastav, Vice-President, Switch-gears division, Crompton Greaves Ltd., Nashik and guest of honor Hon. Shri. Manish Gupta, General Manager, Powerica Ltd., For both inaugural and valedictory program Hon. Shri. Balasaheb Wagh, President of K. K. Wagh Education Society, Trustee Hon. Shri. Sameer Wagh, Trustee Hon. Shri. Changdeorao Holkar, Principal Dr. K. N. Nandurkar and Prof. Dr. B.E. Kushare, Professor & Head of Department of Electrical Engineering and esteem panel of Judges Dr. Omprakash Kulkarni, Mr.

Dhiraj Methikar, Mr. Ravi Wadikar, Mr. Zhunj, Mr. Dinesh Shirsat, Mr. Ajit Patil, Mr. Prasad Joshi and Mr. Ganesh Ushir were present.

■ TELEKINESIS 2019



Inauguration of Telekinesis 2019

The National Level Technical event "Telekinesis 2019" was organized on 23rd March 2019 by E & TC Department of our Institute. Mr. Saleel Rajee, CEO of ESDM Technology Pvt Ltd., was present as a Chief Guest for the event. Mr. Swapnil Joshi, Director, Joshi's Classes and Mr. Akash Chumbhle, Head of Sales department DNA solutions, were judges. Various technical events like Project competition, poster presentation, technical quiz competition, C programming, recruitment spark were organized under TELEKINESIS 2K19 so as to enhance technical skills among students. Few non technical events like talent hunt and photography based event 'Click it' was conducted to add fun and excitement in the Telekinesis. Government of India has decided to commemorate the 150th Birth Anniversary of Mahatma Gandhi, Father of the Nation, at national and international level. Based on this Sketch competition on Mahatma Gandhi was also organized during Telekinesis 2K19. The program ended with a Prize distribution ceremony and lot hopes for future. Principal Dr. K. N. Nandurkar, Principal has congratulated all the winners.

■ ECLAT Invasion 2019

Department of Production Engineering organized ECLAT Invasion 2019, State Level Technical Event on 22nd & 23rd March 2019. This is the 9th consecutive year department has organized this event. This event was inaugurated by famous cricket coach Mr. Makarand Oak along with Principal Dr. K. N. Nandurkar, Head of Department Prof. Dr. P. J. Pawar and Prof. Dr. S. R. Gangurde. In this event various technical competitions such as Logo Quiz, Poster

continued on page 3

Presentation, PPT Presentation, Save the Eggstronaut, TV Maniac, Neon-Cricket, Warrior, Rahasya, 60-Sec's to Fame, Elocution, CS/NFS & Photography were organized. For this event 162 students participated from various institutes.



Inaugural function of Invasion 2019

Master Students' Programme 2019

ISTE Students' Chapter of K.K. Wagh Institute of Engineering Education and Research conducted the 18th Master Students Programme on 20th March 2019. Chief Guest for the event was Mr. Rajesh Bhope (Alumnus of the Institute and Vice President, Altron Electronics, Nashik). Top seventeen speakers were selected from entire second year; including two anchors, one speaker to introduce ISTE and fourteen speakers to present various beneficial topics based on the theme to the students of first year. Selection of these speakers was a weeklong rigorous process comprising of personal interview followed by a group discussion round. Around 120 students from second year were present for the auditions. This process was carried out by the core committee consisting of third year students under the guidance of Principal Dr. K. N. Nandurkar and faculty advisors. After choosing the seventeen speakers, they were mentored by the same committee.



Participant of Master Students Programme along with Chief Guest

EQUINOX 2K19



Inauguration of "Equinox 2k19" on 22nd March 2019

The Department of Computer Engineering successfully organized "Equinox 2k19" a National level Technical Symposium. The event was conducted on 22nd and 23rd March 2019. The event was inaugurated on 22nd March in presence of Mr. Shashank Todwal (UMS Tech) and Mr. Sandeep Shinde TCS DISQ as the Chief Guest and Guest of Honor respectively. The Equinox conducted various technical as well as non-technical competitions. 400+ students from different colleges all over Nashik participated in the various events of Equinox 2019. The events were judged by esteemed judges from various fields. The event was organized by the Debuggers' Club in association with student's chapter of CSI. Prof. W. W. Pingle coordinated the event. Active participation and teamwork made the event a grand success.

CHEMFEST 2K19



Inauguration of ChemFest2k19

Department of Chemical Engineering successfully organized two days National Level Technical Symposium, CHEMFEST 2K19 on 22nd and 23rd March 2019. The theme of the event is "To be Experimental". The Symposium contains various Technical competitions like Paper Presentation, Model Making, Poster

Presentation, Salt Act etc. The Symposium was inaugurated by Chief Guest Mr. S. R. Bachhav, Sr. Vice President, General Metallisers Pvt. Ltd., Ambad, Nashik. The judges were Dr. P. V. Pathak, Advisor, Goa Energy Development Agency, Goa, Mr. Shyamshankar Singh, Equinox Software and Services Pvt. Ltd., Pune, Mr. Rushikesh Bhandari, Director, The Purchase House, Nashik and Mr. C. R. Mohikar (Petro-project Consultant). The total registrations for various events in ChemFest2k19 were around 400.

■ ITiazza'19



Inauguration of ITiazza'19

The Department of Information Technology hosted a two days National Level Technical Symposium, ITiazza'19 on 22nd and 23rd March 2019. The Symposium comprised of C Programming Contest, Mock Placement (Aptitude Test, Group Discussion Contest), Assemble IT (CPU assembly contest), Color Pallet (Poster Competition & Gaming Contest). The theme for the event was based on "Block-Chain". The symposium was inaugurated at the hands of Dr. Mahendra Nakil, Superintendent Engineer at CDO MERI, Nashik & Mr. Pankaj Desai, Asst. Professor, SNJB COE, Chandwad. Dr. Mahendra Nakil delivered keynote address on "Professional Ethics" and Mr. Pankaj Desai spoke on "Project Based learning". Code Hunt was won by Gauri Gholap & Aishwarya Bagul (First Prize), Aditya Shahare & Aniruddha Kumbhakarna (Second Prize). Ultimate Coder was won by Akshay Borse & Abhishek Charpe (First Prize), Pradnya Nikumbha (Second Prize). Mock Placement won by Ritesh Bhuta (First Prize), Pratik Gill (Second Prize). Color Pallet won by Shivani Aher & Manish Kale. Assemble IT was won by Mughdha Ektare & Siddhi Musale (First Prize), Dhanashree Bharukha & Mayuri Shardul (Second Prize). Total 215 students from different institutes had participated in the various events of ITiazza-19.

■ Achievement in Vasant Karandak 2019



FE Poster Competition 2019

On 22nd and 23rd March 2019 poster presentation was arranged for FE students for enhancement of their skill, thinking and presentation about recent problems of environment and Society. Maximum students from all FE divisions participated with amazing interest. It was coordinated by Dr. G. B. Dabhade under guidance Principal Dr. K. N. Nandurkar and FE incharge and HOD Science Dr. S. N. Kadlag.

■ FORCE 2019



Felicitating of Chief Guest Dr. Mahendra Mahajan during FORCE 2019

Department of Civil Engineering organized two days National Level Technical Symposium FORCE 2019 on 22nd and 23rd of March 2019, which comprised of 05 Technical events, which included Bridge- O- Mania, Tower Power, CAD Enza, Surveying - e - Everest, Fancy Buoyancy, with Poster Competition, Snap Hunt, Poster Competition, Fun Games and Drama based on Social Issue. These events are exclusively based on Civil Engineering related knowledge & activities. Every year FORCE creates awareness on Social Issues. This year the theme of event was Social media Addiction, to

continued on page 5

create awareness amongst the people regarding harmful effects of Social media. The Chief Guest for Inauguration function was Dr. Mahendra Mahajan, Winner, Race Across America (RAAM), Nashik in presence of Principal Dr. K.N. Nandurkar, Head of Department Dr. Pradip D. Jadhao and all the Staff Members of the Department. The chief guest guided the students regarding the harmful effects of Social Media Addiction. More than 400 students, coming from farthest corners of India participated in this event.

MECHEAVEN 2019



MECHEAVEN 2019

The department of Mechanical Engineering successfully organized a technical event "MECHEAVEN 2019". The event was conducted on 22nd & 23rd March 2019. The Technical Event began with the inaugural function in the presence of Head of Mechanical Engg. Department Prof. M. B. Murugkar, Senior Faculty Dr. P. B. Kushare, Dr. S. D. Barahate & the Honourable Chief Guest Group Captain V. G. Deodhar, Indian Air Force. Event was graced by the Event Sponsors, Staff Members and Students. This event was organised for the Under Graduate and Diploma Students of various Engineering Colleges to enhance their practical and soft skills. Also to enrich their managing skills. Total 18 Technical and Non Technical events like Roborace, Black Tie, Art O Motion, Bike Mania, Poster Competition, Treasure Hunt, Buzz Roadies were conducted within two days in which near about 500 students have participated enthusiastically. On Day two we had two great achievers Mr. Vinay Chumble, Entrepreneur and Miss. Shriya Torne, Teen Universe India 2018 who inaugurated the most popular event of Mecheaven i.e. Treasure Hunt. The event ended with the Prize Distribution to all the winners by the Deputy Director Mr. Sunil Saindane. Active participation and teamwork made the event a grand success.

Lecture by Principal Dr. Shushma Bhosale



Felicitating of Dr. Shushma Bhosale

Lecture by Dr. Shushma Bhosale, Principal, Mamasahab Mohol College Pune was organized in the institute on occasion of Womens Day for Ladies staff and students of the institute. She was felicitated by President of K. K. Wagh Education Society Shri. Balasaheb Wagh. For the program Secretary Prof. K. S. Bandi, Principal Dr. K. N. Nandurkar, Dr. Mrs. Preeti Bhamare (Head of IT Dept.) and ladies staff and students were present. Dr. Sushma Bhosale also interacted with the Physical Directors of various institutes run by K. K. Wagh Education Society, Nashik and shared her experiences related to B.Voc. (Sports) courses.

Homage to Kakusheth Udeshi on his Birth Anniversary

On 7th March 2019 staff members paid homage to Kakusheth Udeshi on his Birth Anniversary. Hon. Kakusheth Udeshi donated 23 acres of land to K. K. Wagh Education Society, Nashik on which the main campus has been developed. For this program Principal Dr. K. N. Nandurkar and all Heads of department were present.

Expert Lecture/Seminar/Courses/Worshop Organized:

- Computer Engineering Department has organized Session on "Exam Preparation" for backlog students by Prof. Dr. S. S. Sane on 1st March 2019, Expert talk on "Embedded System" by Mr. Yogesh, R and D, Siemens India Ltd., on 20th March 2019 and Elective Guidance Session by Prof. Dr. S. M. Kamalapur, Prof. N. M. Shahane, Prof. S. S. Banait, Prof. N. S. Sonawane, Prof. G. R. Gupta on 27th March 2019. Same department also organized "Android development" workshop by Mr. Pratik Khanapurkar from 29th to 31st March, 2019.
- Chemical Engineering Department organized a expert lecture on "Preparation for Placement Drives" by Mr. Shubham Mukharjee, Torrecid

continued on page 6



India Pvt. Ltd., Baroda (Alumnus of 2016-17 Batch) on 27/03/2019 and expert lecture on "Preparation for GATE Examination" by Mr. V. Kiran Kumar, Faculty, Vani Institute on 27/03/2019.

- MBA Department organized expert lecture on "Ethical and Social dimension in IT" by: Mr. Sachin Vaishnav on 2nd Mar 2019 for MBA I & II year and an expert lecture on "HR: An agent in organization change" by Mr. Satyendra Kathale.
- Lecture by Dr Pooja Kadam (Sahyadri Hospital) was organized in the institute on 28th March 2019 for girl students.

Seminars/Workshop/Training attended by Staff:

- Principal Dr. K. N. Nandurkar and Prof. Dr. S. Y. Kute attended One day Workshop on "Promotion of Autonomous Colleges Scheme" at SP Pune University.
- MBA departmental staff Prof. Tejal Vijay Patil attended Short term training program on "Legal & interdisciplinary Research Methodology" at NBT Law College, Nashik from 11th to 16th March 2019.

Industrial Visits Organized For Students:

Date	Class	Name of Company
01/03/2019	B.E. Computer	Liebherr, Appliances India Pvt., Ltd., Aurangabad
09/03/ 2019	MBA II Year	Deshmukh Solar Energy Pvt., Ltd., Nashik
14/03 2019	MBA I Year	Caprihans India Ltd., Satpur, Nashik

Abstracts of papers presented during March 2019

Decision Rules Based Supervised Machine Learning for Power Quality Application

P. P. Shinde, Akbar Ahmad & Dr. R. K. Munje
(Presented in IEEE International Conference on Convergence in Technology, Pune, March 29-31, 2019)

Abstract: The power grid has to suffer from several power quality issues with the increased penetration of renewable energy resources. These power quality related problems impact both distributor and consumer applications. Actually, there are limited prediction models to identify power quality issues in advance. Furthermore, the traditional methods are practically costly, which makes it challenging to use for prediction and classification of power quality events. The supervised machine learning technique, the

subfield of artificial intelligence, explores binary classification and prediction approach, superior learning capabilities and high speed response. This is an efficient alternative solution in the field of power quality. This paper introduces the linear mathematical decision-based rule to predict/classify the sag, swell and interruption related power quality problems more precisely. Data collected from Maharashtra State Electricity Distribution Company Ltd. is used as training samples to train the classifier by means of supervisory approach. Applicability of the supervisory learning method to the classification of power quality problems is demonstrated in this paper and it can be considered as a steppingstone in upcoming AI technologies for the power system.

Support Vector Machine: A Machine Learning Approach for Power Quality Application

P. P. Shinde, Pavan Patil, Akbar Ahmad & Dr. R. K. Munje

(Presented in IEEE International Conference on Convergence in Technology, Pune, March 29-31, 2019)

Abstract: The support vector machine (SVM) is an innovative tool for scientific classification of data and delivers solutions to the problems associated with several industries and other sectors. This paper relates a recently presented learning-based linear and nonlinear classifier, the SVM, displaying its appropriateness to predict most severe power quality problems such as sag, swell and interruption. The performance of the proposed SVM classifier is investigated with the voltage samples, i.e. expected and unexpected voltages obtained from Maharashtra State Electricity Distribution Company Ltd. The learner classifier is trained for predicting / classifying voltage events using linear and nonlinear classification based decision rule. The linear, polynomial, and radial basis function (RBF) kernels are taken into consideration to fit the training data correctly. The demonstrated technique is found suitable for detecting and predicting power quality events in addition to the better accuracy, improved flexibility and short computational response time.

Prof. Dr. K. N. Nandurkar
PRINCIPAL

