



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

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**■ FE Induction program organized during
26-31st July 2018**



Dr. S. N. Kadlag addressing the FE students

The Department of Applied Science and Mathematics of KKWIEER organized a six day Induction Program during 26 - 31st July 2018. The program commenced with the inaugural ceremony by invoking the Blessings of the Almighty in the form of lighting of the auspicious lamp by Principal Prof. Dr. K. N. Nandurkar and Prof. Dr. S. N. Kadlag, HOD, Applied Science and Mathematics. Induction program was conducted in five different seminar hall in parallel. Dignitaries from various fields were invited for mentoring. Prof. Devdatta Gokhale – Director, GATI Foundation, Jalgaon, Prof. Shrikant Karode – Counselor, Nashik, Prof. Shantanu Gune – Director, Srujan Counseling Foundation, Nashik, Prof. Madhuri Gaidhani – Associate Professor in Painting and Sculpturing, K. K. Wagh College of Fine Arts, Nashik, Prof. Anand Atre – Professor in Music, K. K. Wagh College of Performing Arts, Nashik, Prof. Sumukhi Athni – Nitya Visharad, Asst. Professor, K. K. Wagh College of Performing Arts, Nashik, Prof. Vishal Jategaonkar – Director, T.I.M.E., Nashik. Principal Dr. K. N. Nandurkar addressed to all FE students in different session during these six days of induction

program. Head of the various departments, the senior academicians of our institute Prof. Dr. Kute, Prof. Dr. P. B. Kushare, Prof. Dr. AWMH Ansari, Dr. P. S. Bodake and Dr. P. K. Shahabdkar also guided to students on various topics in this induction program.

■ Felicitation of final year Toppers



Felicitation of BE Toppers

Final year students Mr. Prasad R. Mahale (88.13%) from Production department, Mr. Shubham Chowk (86.00%) and Ms. Pallavi A. Kadam (85.40%) from Mechanical department have secured first, second and third position in the institute during A.Y. 2017-18. These students were felicitated by President of K. K. Wagh Education Society Hon. Shri. Balasaheb D. Wagh, Trustee Shri. Changdevrao B. Holkar and Principal Prof. Dr. K. N. Nandurkar for their brilliant achievements.

■ Syllabus Implementation Workshop



Syllabus Implementation Workshop

Department of Mechanical Engineering organized a syllabus implementation

Workshop on Hydraulic and Pneumatic and CAD/CAM and Automation for B.E. Mechanical (2015 Course) for Nashik and Ahmednagar district has been arranged on 16th July 2018. The workshop was organized in collaboration with Savitribai Phule Pune University, Pune. Total 54 participants from various institute from Nashik and Ahmednagar district attended the Workshop.

■ **Three Days workshop on Hands on training on “PLC”**



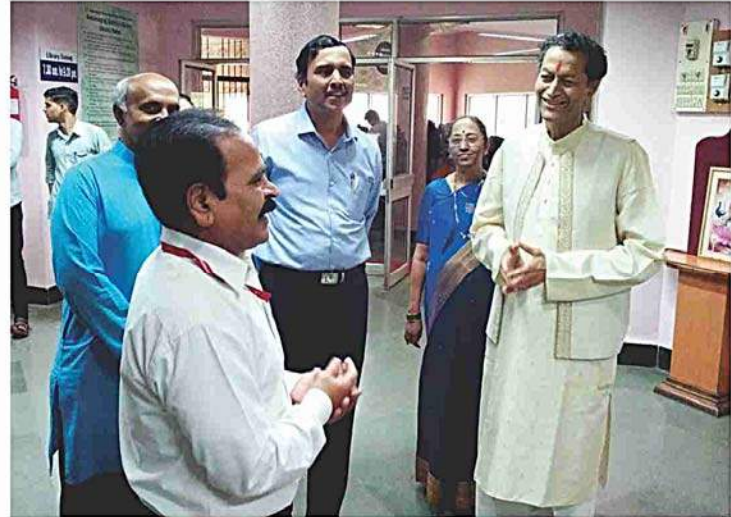
Guidance by Mr. Amol Panpatil, Director- Autonetics Automation Training Centre, Nashik workshop

Department of Electrical Engineering of our institute in Association with IET Nashik Local Network organized three days workshop on 'Hands on Training on PLC' during 25 – 27th July 2018. The resource persons for the workshop were Amol Panpatil – Director, Autonetics Training Centre Pvt., Ltd., Nashik, Ms. Krutika Wagh, Mentor & BDE, Expertise in AB PLC and Instrumentation and Mr. Narendra Sardar- HR Manager, Autonetics Training Centre Pvt., Ltd., Nashik. The various topics covered during the workshop are PLC basics, Hardware components specifications, all logic gates verification, Problems on OSR, Problems on Timers & Counters, Problems on Subroutine, Temperature control system and Hardware description. Total 71 participants were present for the workshop.

■ **Visit by Dr. Shankar Abhyankar to Central Library**

Renowned scholar Vidya Vachaspati Dr. Shankar Abhyankar (Aditya Pratishthan, Pune) visited our institute on 27th July 2018. He was accompanied by his wife Mrs. Aparna Abhyankar and Shri. Nandan Rahane. He had discussion with Principal Dr. K. N. Nandurkar about the activities of the institute and also visited our Kusumagraj Central Library and Dr. A. P. J. Abdul Kalam Career Development Centre. He

expressed his satisfaction about the educational ambience and efforts done by the management for spreading the cause of education.



■ **Tree Plantation Drive by NSS**

On 1st and 29th July 2018 our NSS unit had organized tree plantation activity in association with Maharashtra Forest Department, Nashik division at Rohile Tal. Trambakeshwar Dist. Nashik. This year a target of 2500 plants is taken and informed to forest department. On 1st July 2018 total 82 NSS volunteers planted 1150 plants of five types. On 2nd July 2018 tree plantation was organized in association with Samsonite India Pvt. Ltd. Igatpuri. In this activity total 175 volunteers and 6 staff members planted 2250 plants of seven type including Bamboo, Kanchan, Chinch, Mohagani, Vad and Nim.



Tree Plantation drive

■ **Expert Lecture/Seminar/Courses/Worshop Organized:**

- Department of Computer Engineering organized Session on “Internet of Things and Machine Learning” by Prof. Dr. R. S. Tiwari on 3rd July 2018, TE orientation program on 5th July 2018, an expert talks on the topic “Digital

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Marketing Career opportunities” by Mr. Nikhil Dulla and Mrs. Chaitali Dulla on 12th July 2018. Same department also organized an expert talk on the topic “Introductory Session on Cyber Security” by Mr. Tanmay Dixit on 14th July 2018, an Expert talk on “Enterprise Architecture” by Mr. R. Ramanan on 16th July 2018, an expert talk on the topic “Use of Modern Technologies for Smart Cities” by Mr. Girish Pagare on 20th July 2018 and Interactive Webinar on “Data Analytics using R” by Ms. Seema Acharya on 26th July 2018.

- Department of Electronics & Telecommunication organised an expert talk on “How to become an Entrepreneur” by Mr. Akshay Jalgaonkar, Alumnus and Director of Yash Electro Atrs, Nashik on 03/07/2018, an Expert talk on “Different funding agencies for start-up” by Rohit Bagad, Founder & CEO (Inuxu Digital Media Technologies Pvt., Ltd., Pune) on 06/07,2018, Expert Lecture on Competitive Exam(UPSC-IES) by Mr. Dhiraj Gurale on 07/07/2018 and Expert Lecture on “Importance of Entrepreneurship” by Mr. Varun Dabke (Director- Suntech Consulting) Nashik on 09/07/2018. Same department also organized an Expert talk on “Different modules and activities performed in an organization” by Mr. Archan Oke, Director-Craft Tech, Nashik on 11/07/2018 and Workshop on “Introduction to measuring instruments and calibration process” by Mr. Asim Kumar Saha from Aplab, Mumbai on 11/07/2018. Same department arranged TPO Connect by Dr. P. K. Shahabadkar on 12/07/2018, Expert lecture on “Recent trends in Microwave Engg.” by K. P. Singh (Technical Director, Anant Ultralab Industries) on 14/07/2018, One Video related with "Say NO to sexual harassment " was shown to girl students and Mock interviews conducted for BE students for campus readiness by Mr. Sanket Karlekar and Mr. Sohan Desale from Crompton Greaves, Ltd., Nashik on 21/07/2018.
- Department of Civil Engineering organised Expert lecture of “Design of Steel Structures” by Mr. Chetan Lomte on 16/07/2018 and Expert lecture of “Introduction to Civil engineering Softwares” by Mr. Pervin Solomon on 24/07/2018.
- Department of Electrical Engineering organised Expert lecture on “Instrument Transformers” for SE, TE and BE Electrical students on 06/07/2018 by Mr. Pradeep Deshpande – Director- Gilbert and Maxwell Pvt., Ltd. and Expert lecture on “Entrepreneurship” for TE and BE students

on 13/07/2018 by “Mr. Aditya Gogate, Director, Gogate Electricals. Same department also organized expert lecture on “Importance of Communication in professional life” for SE and TE Electrical students on 20/07/2018 by Mr. Apoorva Gokhale, Manager, WordsMaya, Pune.

- Department of Chemical Engineering organized an expert lecture on “Process instrumentation diagrams” by Mr. C. R. Mohikar, Petro-Project Consultant, Nashik on 10/07/2018, Expert Talk on “Higher Education Abroad” Mr. Hiren Panjawani from Akshay Study Abroad Nashik on 13/07/2018 and Expert Talk on “Scope of Chemical Engineering” by Mr. Sachin Deshmukh, Validation Engineer, Synlait Food Nutrition Co., New Zealand on 21/07/2018.
 - The Department of Information Technology had organized awareness creation program for “Spotlight” by Mr. Gourang Ambulkar, Educational Counselor on 6th July 2018, seminar on “Engineering Engineers” by Mr. Vishal Jategaonkar & Mr. Pankaj Wagh, Centre Director, T.I.M.E., Nashik on 13th July 2018 and seminar on “GATE Awareness Program” by Mr. Vishal Patil, Manager, GATE Forum, Nashik on 20th July 2018. 37 Same department also organized seminar on “Basics of Project Management and Agile Scrum” by Mr. Pushkar Kale, Agile Coach & Agile Scrum Trainer, Agilis Process Consultants, Nashik on 28th July 2018.
 - MCA department organized a seminar on “Positivity through Bhagvat Gita” by Ms. Ketaki Vaspute from Nashik for SYMCA and TYMCA girl students on 7th July 2018.
- **Seminars/Workshop/Training attended by Staff:**
- Computer Engineering staff Prof. R. H. Jadhav has attended FDP on LP I at MIT CoE , Pune from 10th to 12th July 2018.
 - Mechanical Engineering staff Mr. A. S. Patil attended STTP on “Application of MATLAB in Mechanical Engineering Analysis” at IITRAM, Ahmadabad, Gujarat during 2 – 6th July 2018.
 - Electrical Engineering staff Prof. M. R. Rade and Prof. S. S. Sagare attended two week STTP on “Power electronics for distribution system and electric drives” at SVNIT, Surat from June 25 - July 04, 2018.
 - Prof. Dr. K. N. Nandurkar and Prof. Dr. P. K. Shahabadkar attended the meeting of CII North Maharashtra Zonal Council at ABB Ltd., Satpur, Nashik on 30th July 2018.

Industrial Visits Organized For Students:

Date	Class	Name of Company
07/07/2018	T.E. Electrical	Traction Machine Workshop (TMW), Nashik Road, Nashik
11/07/2018	T.E. Chemical	Bikusa Paper Mill, Nashik
13/07/2018	S.E. Chemical	Sunshine Paints, Nashik
20/07/2018	B.E. (E & TC)	GMRT, Narayangaon
28/07/2018	B.E. Electrical	Mylan Laboratories Ltd., Sinnar, Nashik
31/07/2018	T.E. Civil (II Shift)	K. K.Wagh Polytechnic College, Nashik

Training & Placement :

Name of Company	Name of the Dept.	No.of students selected
Winjit	Computer Engg.	02
	Information Technology	02
Syntel	Computer Engg.	03
Infosys	Computer Engg.	02
Datamatics	Computer Engg.	01
Aress	Computer Engg.	02
Jai Kissan	Computer Engg.	01
Bosch	Computer Engg.	01
Montran Corporation (India) Pvt. Ltd.	Computer Engg.	02
Mahindra & Mahindra Ltd., Nashik	Electrical Engg.	02

Congratulations



Prof. Sanjay D. Barahate, Associate Professor of Mechanical Engineering department completed Ph.D. from IIT Bombay. His topic of Ph.D was "Experimental Investigation of Film cooling Performance for the Inclined

Trench and Large Diffuse Angle Injection" under the guidance of Prof R. P. Vedula.

Other Achievements:

- Electrical Engineering staff Prof. J. P. Shah delivered lecture at Matoshree College of Engineering, Nashik on the topic "Electric Vehicle Technologies" on 23/07/2018.

Abstracts of papers presented during July 2018:

Assessment of Multistoried RC framed structure using passively damped viscous dampers

Prof. Purva Kalamkar

(Presented paper at conference organized by at G. H. Raisoni College of Engineering Nagpur during 28th to 29th July 2018)

Abstract: The main aim of this study is to analyze 10 storied structure by using dampers and without dampers for the performance of building including different cases like changing the position of dampers, changing the number of

dampers and analyze the seismic performance of the structure. Also the performance should be calculated on the basis of changing damping ratio. In the present paper, study of nonlinear dynamic analysis of G+10 storied RCC building is considered. The building under consideration is modelled with the help of SAP-2000 software. Time history analysis is performed on the basis of different ground motion records. Nonlinear analysis is considered for the performance of seismic analysis of the structure. Story displacement, maximum bending and shear force calculated on the basis of nonlinear analysis of the structure. It is observed that the change in position of dampers will also give better results for improving the performance of structure.

Experimental Analysis of Tribological Behaviours of Submersible Pump Thrust Bearing using Taguchi Method

Prof. N. V. Patil & Prof. R.D. Rakhade

(Published at Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162)

Abstract: Pumps are widely used in domestic, agricultural, commercial and industrial application for lifting, transporting and handling of water. Majority of electricity is consumed by the pump and as bearing have clear effect on performance of the pump, so it quite necessary to increase the performance and efficiency of pump by reducing friction and wear of the thrust bearing of submersible type of pump. The entire work deals with the analysis of friction and wear of thrust bearing. A disk of SS 410 and pin of Teflon and polyamide 6 material was prepared and experimental investigation is done with the help of pin on disk tribometer at room temperature based on Taguchi's L9 orthogonal array (OA) considering load, speed and sliding distance as the design parameter and coefficient of friction and wear rate as the responses under wet condition. The obtained results are analyzed using DOE and Minitab software which shows the average wear of Teflon is 30.09 micron and Polyamide 6 is 22.00 micron and COF is 0.16 and 0.10 respectively. Index Terms -friction, wear, Minitab, pins on disk, Taguchi, thrust bearing, tribometer etc.

Prof. Dr. K. N. Nandurkar
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