



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

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■ **Visit of Mr. J. S. Saharia (IAS)**

Mr. J. S. Saharia (IAS), Additional Secretary, School Education Department, Government of Maharashtra visited the Institute on 24<sup>th</sup> August 2012. On this occasion he was felicitated by Hon. President, K. K. Wagh Education Society, Shri. Balasaheb Wagh. Mr. J. S. Saharia stated that there are three major challenges for the Government. First to increase the Gross Enrolment Ratio (GER), second to improve the quality of education and third the vocationalization of education. He said that implementation of RTE Act is the responsibility of the State and cooperation from school managements and teachers is essential to achieve the target. Vice President Shri. Kashinathdada Tarle, all Principals and faculties of various Institutes were present for the same.



Mr. J. S. Saharia (IAS) gets felicitated at the hands of Chairman Shri. Balasaheb Wagh in the Institute

■ **Welcome For FE Students**

A Welcome function for all the newly admitted F.E. students was arranged on 6<sup>th</sup> August 2012. Considering the increased intake, function was arranged in six sessions and three venues according to the branches. Principal Dr. K. N. Nandurkar and all Heads of departments guided the students and parents in respective sessions. Considering the fact that, the revised FE structure and syllabus is implemented from the academic year 2012-13, the guidance given by the faculty proved to be significant for the students and parents. The event was coordinated by Prof. S. N. Kadlag (HOD-Maths/Science) and staff members of Science department.



Principal Dr. K. N. Nandurkar addressing in Welcome function for FE Students

■ **INDEPENDENCE DAY CELEBRATION**

Independence Day was celebrated with full honour on 15<sup>th</sup> August 2012. The flag was hoisted at the hands of Mr. Ashok Merchant, Trustee of K. K. Wagh Education Society. Staff members from all the Institutes of this campus and students from girls and boys hostel were present. During the programme, patriotic songs were presented by the students of the Institute.



Flag Hoisting by Mr. Ashok Merchant, Trustee of K. K. Wagh Education Society

■ **Selection of NSS Students For Republic Day Parade**

Selection of NSS students for Republic Day parade at New Delhi on 26/01/2013 was carried out in the Institute on August 21, 2012. Representatives of NSS Office, University of Pune were present on the occasion. The students were selected on the basis of physical test and medical reports. The selected students will have to undergo further screening at Zonal level and State level for final selection to participate in the parade. Total 125 students from various colleges of Nashik district had participated in this Selection Camp.



Selection of NSS students for Republic Day parade

### ■ IBM RAD WORKSHOP

A Four days "IBM RAD" workshop was organized for TE Computer, BE Computer, BE Information Technology, Second and Third year MCA students from 18<sup>th</sup> to 21<sup>st</sup> August 2012 by CSI Student Branch of our Institute. Mr. Chinmay Saraswat from IBM was the resource person for the workshop. Workbench Basics, Java Development, Web development basics, working with databases, Packaging and deployment, Debugging Web application and Testing Web application were some of the topics covered in the workshop. Students were given a chance to clarify their queries



Mr. Chinmay Saraswat delivering lecture during IBM RAD Workshop

### ■ IBM Rational Seed -quality Program Workshop

A Four day training programme on Essentials of Software Testing and Quality Assurance was organized by Debuggers (Computer Engineering) from 25<sup>th</sup> to 28<sup>th</sup> August 2012 at our Institute. Mr. Amit Daharwal, Mapalton Tech, Pune was the resource person for the said training programme. Students of BE Computer Engineering, Third Year MCA and BE Information Technology attended the workshop.

### ■ Staff Induction Programme

The Induction training for newly recruited teaching and non teaching staff continued in the month of Aug. 2012 with following sessions conducted by senior teachers.

S.No.	Date	Topic	Speaker
1	04/08/2012	Enjoying Teaching	Prof. M. B. Murugkar
2	11/08/2012	Professional and Personal Skills	Prof. Venkat S. Mane
3	18/08/2012	Student Evaluations of Teaching (SET) – A Learning Tool	Prof. (Dr.) Pradip D. Jadhao
4	25/08/2012	Effective use of Teaching Aids	Prof. (Dr.) Mrs. Preeti Bhamre

### ■ One Day Workshop on 'Revised FPL Syllabus'



Prof. Dr. R. S. Tiwari speaking in one day workshop on 'Revised FPL Syllabus'

A one day workshop on Revised FPL Syllabus "FPL-I How To?" was organized by Department of Computer Engineering of our Institute for faculty members of Nashik District Engineering Colleges on 30<sup>th</sup> August 2012. Total 31 participants from 12 different Colleges participated in the event. Prof. Dr. R. S. Tiwari, Director, Yashwantrao Chavhan Maharashtra Open University, Nashik, inaugurated the workshop. During workshop following topics were covered:-

S.No.	Topic Covered	Faculty
1	FPL-I Lab setup, Introduction and hands on BOSS	Prof. Mrs. Jyoti Bhamre and Nilesh Sonawane
2	Introduction and hands on C and Java programming in Eclipse Editor	Prof. Lalit A. Patil
3	Introduction and hands on VI editor & Eclipse Python Programming	Prof. Vrundes Moroney
4	Introduction and hands on Matlab	Prof. Mrs. Jyoti Bhamare
5	Introduction and hands on Latex	Prof. Ms. Sayali Badhan and Prof. Ms. Deepshree Vibhandik
6	Teaching Learning Aids on FPL	Mr. Suchit Tiwari

### ■ A Seminar on "Where Are The IT Jobs?"

As part of an initiative to enhance Industry Institute Interaction, a career guidance seminar on "Where are the IT jobs?" was organized by Computer Engineering Department of our Institute on 30<sup>th</sup> August 2012. Chief Guests Dr. Ganesh Nataranjan, Vice-Chairman and Global CEO, Zensar Technologies Ltd and Dr. Mrs. Uma Ganesh- CEO Global Talent Track, addressed the third year and final year students of Computer Engineering, I.T Engineering and MCA. Principal Dr. K. N. Nandurkar delivered the welcome note. Prof Dr. S. S. Sane Head, Department of Computer Engineering, Ex Principal Dr. V. D. Barve, Dr. Mrs. P. D. Bhamre( Head, IT) and staff members of Computer, IT and MCA departments were present for the function.



Principal Dr. K.N. Nandurkar felicitating Chief Guests Dr. Ganesh Nataranjan and Dr. Mrs. Uma Ganesh

### ■ Visit By Dr. E. Perumal

Dr. E. Perumal, distinguished Visiting Professor of AICTE visited the Institute during 30<sup>th</sup> -31<sup>st</sup> August 2012. During his visit he delivered an expert lecture on 'Practical Aspects of Corrosion-Basics' and 'Forms of Corrosion' for Second year Production and Chemical Engineering students. Dr. E. Perumal visited M/s. Okay Fern Precision Sinner to monitor the progress of the project of final year students. He also suggested some Final year projects and guided the students.

## CONGRATULATIONS



Prof. Preeti D. Bhamre, Head of Information Technology Department has completed Ph.D. on the topic "Spectral Characteristics and Electrical Modeling of Photonic Crystal Waveguide with Defect", from Indian Institute of Technology, Bombay under the guidance of Prof. Dr.R.K. Shevgaonkar, Director, I.I.T., Delhi.

## Expert Lecture/Seminar/Courses/Worshop Organized:

- Department of Computer Engineering organized seminar for their students on 'Career guidance and CAT training' by Mr. Atul Gopal, CEO, Bulls Eye.
- Dept. of Electronics and Telecommunication organized a seminar on 'Study Abroad & its Procedure' by Mr. Amit Gore from Akshay Study Abroad, Nashik and seminar on 'Aptitude test and analysis' by Mr. Sagar Nikam MD, Excellence Learning center Pvt., Ltd., Nashik on 14<sup>th</sup> August 2012. The department also organized seminar on 'Application of Electronics and Industrial Approach' by Mr. Sanjay Chaudhary, Electronics Study Center Jalgaon on 24<sup>th</sup> August 2012 and seminar on 'Role of IEEE seminars and workshops for E& TC Engineers' by Prof. J. P. Shah, Electrical Engineering of our Institute. Department also organized workshop on 'Electronics for Engineers' by Mr. Sanjay Chaudhary, Electronics Study Center Jalgaon during 25<sup>th</sup> - 26<sup>th</sup> August 2012.
- Department of Electrical Engineering organized Expert Lecture on 'Product Development' by Mr. Sudhendra Rao, Crompton Greaves, Ambad, Nashik on 3<sup>rd</sup> August 2012 and Expert Lecture on 'Transformer Designing' by Mr. Vikrant Joshi, Crompton Greaves, Kanjurmarg, Mumbai on 10<sup>th</sup> August 2012. The department also organized Expert Lecture on 'Lightening/Surge Arrester' by Mr. D. John Yasuraj, Crompton Greaves, Nashik on 17<sup>th</sup> August 2012 and Expert Lecture on 'Energy Management' by Mr. Kaushal Bhagwat, L & T, Pune on 24<sup>th</sup> August 2012.
- Department of Chemical Engineering organized Expert Talk on 'Vedik Maths' by Mr. S. S. Ubale on 3<sup>rd</sup> August 2012 and seminar on 'MBA as career option' by Mr. Sagar Nikam from Excellence Learning Center, Nashik on 11<sup>th</sup> August 2012. Same department also organized an Expert talk on 'Recent advances in Chemical Engineering' by Mr. Swapnil Bharaskar on 13<sup>th</sup> August 2012.
- Department of Information technology organized Quiz Competition on 3<sup>rd</sup> August 2012 and seminar on 'Math's Tricks' (Ganit: Shanka Aani Samadhan) by Mr. S. S. Ubale on 24<sup>th</sup> August 2012.
- Department of Management studies organized seminar on 'Business Game' by Mr. Arun Mohagaonkar on 11<sup>th</sup> August 2012 and seminar on 'Orientation by skills Development & Placement' Mr. Johari R. on 25<sup>th</sup> August 2012. The department also organized an event on 'Communication skills' by Mr. Harshad Purnapatre on 18<sup>th</sup> August 2012.

- An Air Force lecture for final year students during Inauguration session of Finishing School was arranged on 22<sup>nd</sup> August 2012 in the Institute. Mr. Deepak Kolhatkar guided the students.
- Press Meet was conducted by 'Apropos Gumption Scholarship & Talent Search' initiative on 8<sup>th</sup> August 2012 in the Institute.

## Seminars / Workshop / Training Attended By Staff:

- Principal Prof. Dr. K. N. Nandurkar attended the seminar on 'Maharashtra Meta University & New Education' organized by MKCL, Pune during 3 - 4<sup>th</sup> August 2012.
- Prof. A. S. Relkar of Department of Production Engineering attended one week STTP on 'Taguchi and TRIZ' organized by IIT, Mumbai during 11<sup>th</sup> - 17<sup>th</sup> August 2012. Prof. A. S. Kamble attended two day seminar on 'Excellence in Production Management' organized by Nashik Engineering cluster, Nashik during 30<sup>th</sup> - 31<sup>st</sup> August 2012.
- Prof. N. B. Gurule of Department of Production Engineering attended NSS Meeting at Pune on 7<sup>th</sup> August 2012. He also attended meeting with Mr. Sahebrao Patil, DCP, Nashik regarding 'Security and Safety at Educational Institute' at RYK college Nashik on 8<sup>th</sup> August 2012.
- Prof. V. V. Khond & Mr. N. V. Patil of Department of Mechanical Engineering attended workshop on 'Faculty Development Programme on Master Cam' at MET, Nashik.
- Prof. Mrs. S. S. Joshi of department of Applied Science and Math attended a workshop on 'Implementation of New revised 2012 Syllabus for Physics' & delivered talk on topic 'Sound Engineering of New Syllabus' on 2<sup>nd</sup> August 2012 at PVG College of Engg. Pune.

## Industrial Visits Organized by Department For Students:

Date	Class	Name of Company
11/08/2012	T. E. Electrical	HVDC, Padghe
11/08/2012	T. E. Civil	L & T Casting yard
23/08/2012	T. E. Civil	Nashik Road Railway Station, Nashik Road
28/08/2012	T. E. Electrical	Crompton Greaves

## Training & Placement :

Name of the Department	Name of Company	No. of students selected
Information Technology	Webnoise Software Solution Pvt., Ltd., Pune.	02

## Books Purchased in Central Library : August 2012

Sr.No.	Name of Dept.	Total No. of Books purchased
01	Computer Engg.	02
02	Management Studies	22
03	Electronics Engg. (2 <sup>nd</sup> shift)	61
04	Electrical Engg. (2 <sup>nd</sup> shift)	55
05	Mechanical Engg. (2 <sup>nd</sup> shift)	81

## Other Achievements

- Principal Prof. Dr. K. N. Nandurkar was invited as Chief Guest for the inauguration of one day workshop on 'Mathematics Orientation' organized by K. K. Wagh Polytechnic, Nashik on 17<sup>th</sup> August 2012. He was also invited as Chief Guest for inauguration of Power Point competition organized by K. K. Wagh Polytechnic as a part of Late Kakasaheb Wagh Puniyatithi programme.

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- Prof. N. B. Gulule of department of Production Engineering delivered an expert talk on 'Nanotechnology' for Third year Mechanical Engineering students at K. K. Wagh Polytechnic, Chandori on 30<sup>th</sup> August 2012.
- Prof. M. D. Kokate of Electronics & Telecommunication was reelected as Chairman of IETE, Nashik Center. He also delivered an expert lecture on 'How to Improve Final year results' at Shri Mahaveer Polytechnic, Nashik on 31<sup>st</sup> August 2012.
- Prof. Dr. B. E. Kushare, Head, Department of Electrical Engineering offered Electrical consultancy services to Bosch Ltd, Nashik, EPCOS, Times of India, Bhavani Industries. He also provided Technical Expertise on International Patent revocation to Enercon India and delivered an expert lecture on 'Energy Management' at Times of India, Airoli.
- Prof. J. P. Shah of Electrical Engineering delivered an Expert Lecture on 'Smart Grid' at K. K. Wagh Polytechnic (Chandori) Nashik on 2<sup>nd</sup> August 2012 and Expert Lecture on 'Blackout Prevention by Smart Grid' at MET Institute of Technology, Nashik on 24<sup>th</sup> August 2012 & at Shatabdi Institute of Technology (Polytechnic) on 27<sup>th</sup> August 2012.
- Prof. Rupali M. Bora of Information Technology delivered an expert lecture on 'Project Planning and Management' at K. K. W. Polytechnic, Nashik on 6<sup>th</sup> August 2012.

■ **Abstracts Of Papers Presented By Staff during Aug. '12: Thermo-Mechanical Finite Element Analysis and Experimental Validation of Weld Induced Angular Distortion in MMAW Butt Welded Plates.**

Prof. A. V. Damale & Dr. K. N. Nandurkar (Published in International Journal of Engineering Research & Technology (IJERT) Volume I, Issue No. 6 (August 2012))

**Abstract:-** Welding induced distortion is one of the critical defects in the weld structures. Angular distortion is most pronounced which badly affects the weld structures. Non uniform heating during welding develops this angular distortion. Various methods are available to control/minimize the welding distortions. One of the methods available to control this distortion is to provide angular distortion in the negative direction before the welding if the magnitude of the same is predictable. In the present study three-dimensional transient thermal analyses is done for predicting angular distortion. The transient thermal heat source was used to simulate the weld phenomenon. The element birth and death technique was used for simulating filler material deposition. The thermal model was verified by comparing the temperatures obtained from the thermal analysis with experimental results and verification of structural model was done by comparing the measured and predicted angular distortion. Transient thermal and non-linear structural analyses were carried out in order to predict angular distortions. The FEM analysis and experimental verification is done for MMAW.

■ **Dynamic Behavior of Large Scale Wind Farm**

Prof. D. P. Kadam (Published in International Journal of Electrical Engineering in August 2012)

**Abstract:-** Large number of wind turbines are being

installed and connected to power systems. In some of the countries the penetration of wind power is significant high so as to affect the power quality, system operation and control and power system stability. This paper studies the dynamic behavior of system parameters with wind variation and three phases to ground fault condition in the wind farm having SCIG as wind turbine generator (WTG). The results were obtained from simulation in PSCAD/EMTDC environment.

■ **Global warming influence by Pan evaporation**

Prof. N. D. Chaudhary (Presented at International conference on 'Environment & Humanities' organized by 'ECO Needs Foundation' Aurangabad in collaboration with International society of Science & Technology, Mumbai & Ministry of Sri Lanka at Shri Lanka Foundation Hall, Colombo during 18<sup>th</sup> - 20<sup>th</sup> August 2012)

**Abstract:-** Maximum air temperature is one of the important metrological parameter used to measure global warming. The present study aims at the estimation of maximum temperature for Nashik metrological observatory in Maharashtra (India) using Genetic Programming (GP) and Influence of pan evaporation on global warming. Genetic programming model is developed with six input climate variables of daily pan evaporation, sunshine hours, Minimum air temperature wind speed, minimum relative humidity and maximum relative humidity. Input selection was done based on their correlation inputs with output. It was observed that GP model worked reasonably well for estimation of maximum air temperature. GP Model with all metrological Variables shows the influence of metrological parameter on Maximum air temperature as per the physics of global warming. Pan evaporators plays important role in global warming. The performance of the model was evaluating using scatter plots and correlations coefficient statistics.

■ **Overview of Different Wind Generator Systems and their comparisons**

Prof. D. P. Kadam (Published in International Journal of Engineering science and technology in July-August 2012)

**Abstract:-** Worldwide energy demand is increasing at a fast rate to meet fast growing economics of developing countries as well as developed countries. Presently the major energy requirements are catered by using conventional sources out of which coal based thermal generation is having major contribution. Considering the rate at which conventional sources are being consumed and their impact on environments it is necessary to adopt alternate energy technologies for sustainable development. Out of various renewable energy sources, wind generation is most cost effective in addition to its various advantages. Worldwide the share of wind generation connected to grid is increasing at faster rate and in near future will become one of the major sources of renewable energy. With rapid development of wind power technologies and significant growth of wind power capacity installed worldwide, various wind turbine concepts have been developed. The wind energy conversion system is demanded to be more cost-competitive, so that comparisons of different wind generator systems are necessary. An overview of different wind generator systems and their comparisons are presented. Also Critical Power Quality issues & Problems related with Grid connections are also discussed.

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

