



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

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**PUNYATITHI PROGRAMME**

The Punyatithi programme of Late Karmaveer Kakasaheb Wagh, Late Shri. Kakuseth Udheshi and Late Shri. Madhavrao Boraste was organized on 22<sup>nd</sup> July 2012. Homage was also paid to Late Shri. Pankaj Udeshi (Son of Shri. Bababhai Udheshi) on his death anniversary. A short power point presentation based life and contribution of Kakasaheb Wagh was displayed on this occasion. Mr. Vithoba Patil presided over the function. Mr. Yadavrao Tungar and Adv. Daulatrao Ghumare were the Chief Guests. MLA (Niphad) Shri. Anil Kadam, NMC Corporator Mr. Mankar, Ex. Mayor Shri. Dashrath Patil, Shri. Vijaysingh Merchant, Smt. Rajauiben Udheshi, Principals and Staff members from various institutes attended this programme. Hon. Chairman Shri. Balasaheb Wagh felicitated all the dignitaries on the dais and off the dais. Mr. Vithoba Patil, who has entered 100<sup>th</sup> year of his life, had the privilege to work with Late Kakasaheb Wagh. He narrated some incidences highlighting the contribution made by Kakasaheb Wagh for social development.



Punyatithi programme of Late Karmaveer Kakasaheb Wagh, Late Kakuseth Udheshi and Late Madhavrao Boraste

**Legal Awareness Programme**

NSS unit of Institute along with Nashik District Bar Association and 'Vichakshan' magazine organized a seminar on 'Legal Awareness' for students of the Institute. It was inaugurated by Justice Anil Khadse. Adv. Dilip Vanarase (President Nashik District Bar Association), Adv. Pralhad Pawar, Adv. Shridhar Mane, Adv. Nagnath Gorwadkar, Adv. Aparna Patil, and Shri. Sanjeev

Thakur (ACP, Traffic) guided the students and staff regarding Right to Education Act, Anticorruption Act, Anti-ragging Act., Traffic Rules and Regulations. Hon. Chairman Shri. Balasaheb Wagh, Principal Dr. K. N. Nandurkar, Staff Members and students attended the programme.



Justice Anil Khadse speaking on occasion of Legal Awareness Programme

**Inauguration of K.K. Wagh branch of Vigyan Bharti**



Dr. Pramod Pathak (Vedic Scholar & Researcher) gave a presentation on 'Solar Energy'

K. K. Wagh branch of Vigyan Bharti was inaugurated by Mr. Jayantrao Shahasrabudhe (National Co-ordinator, Vigyan Bharati) on 21<sup>st</sup> July 2012 in the Institute. The objective of Vigyan Bharati is to create awareness about the contribution of great Indian scientists and researchers towards

development of Science and Technology, preferably through local languages. Dr. Pramod Pathak (Vedic Scholar & Researcher) gave a presentation on 'Solar Energy'. He shared his experiences about the water purification experiments carried out in Goa with Solar Energy on this occasion.

### Meeting of Principals and FE Staff from Various Colleges in Nashik District

Meeting of Principals and FE staff from various colleges in Nashik District was conducted in the Institute on 16<sup>th</sup> July 2012 to discuss about the new examination pattern to be implemented from A.Y. 2012-2013 for first year courses. Prof. Dr. G. K. Kharate, Dean Engineering Faculty gave detailed presentation about the new scheme and answered all queries raised by the participants. Around 10 principals of Engineering Colleges and 193 first year staff members attended the meeting.



Principal Dr. K. N. Nandurkar addressing in meeting on 16<sup>th</sup> July 2012 in the Institute

### Visit by MKCL Officers

Mr. Uday Panchpor and Mr. Khaliq Maniyar from MKCL, Pune visited the Institute on 18<sup>th</sup> July 2012 to demonstrate the NBA frame work software developed by MKCL. This software will help the colleges to monitor the progress done for NBA accreditation application and displays it in the form of dash board which provides guideline for focus on areas of improvement required.

### Blood Donation Camp

On 9<sup>th</sup> July 2012 Blood Donation Camp was organized by NSS Unit of our Institute in association with Civil Hospital Nashik. In this camp 101 donors donated blood and the camp was successful.



Blood donation camp on 9<sup>th</sup> July 2012

### Teachers Training Lecture - Induction Training For Newly Recruited Staff

Institute started the teachers Induction Training session for newly recruited staff for the effective teaching. The various senior faculties covered the different topics as below

S.No.	Name of Speaker	Subject	Date
1	Prof.Dr. Keshav N.Nandurkar	Knowing your Institute	04/07/2012
2	Prof.Dr. Sunil Kute	Need to change	05/07/2012
3	Prof.Dr. Shirish S. Sane	Effective classroom teaching	06/07/2012
4	Mr. Shrikant R. Karode	Enhancing Teaching skills	07/07/2012
5	Prof.Shantaram N. Kadlag	How to Teach?	14/07/2012
6	Prof.Suryakant B.Chandgude	Tips on Effective Teaching	21/07/2012
7	Prof. Mrs. Preeti Bhamre	Effective Use of Teaching Aids	28/07/2012

### Two Days Workshop On "Cloud Computing"

Two days "Cloud Computing" workshop was organized by Student Branch of CSI on 14<sup>th</sup> & 15<sup>th</sup> July 2012. The Resource person was Mr. Sumit Kumar Singhavi from Cloud-trigger Pune. Topics covered in the workshop Introduction to Cloud Computing, Salesforce.com Demo, Developing Application on Salesforce.com, Developing Application on Google App Engine, Cloud Security, QoS, Middle-wares, Mobile Computing etc. Students from TE, BE Computer Engineering & TY MCA attended the workshop. Staff Prof. L. A. Patil, Prof. N. O. Chaure, Prof. N. D. Baravkar, Prof. M. R. Sonar, Prof. D. M. Kanade, Mr. Y. B. Nawale attended the workshop.



Resource person Mr. Sumit Kumar Singhavi in workshop on 'Cloud Computing'

### JOB FAIR on 8<sup>th</sup> July 2012



Inaugural function of Job Fair on 8<sup>th</sup> July 2012

The Job Fair was organized by NECC at N.D.M.V.P. College of Engineering on 8<sup>th</sup> July 2012. Total 33 IT/ Non IT Companies from Mumbai, Pune, Nashik participated in

recruitment process. Principal Dr. K. N. Nandurkar, Prof. Dr. P. S. Kalos (T & P Officer) and all departmental T & P Coordinator were present in Job fair. Around 300 final year students from the Institute registered for the Job Fair. The results are still awaited.

■ **Workshop on 'Android Technology'**

Department of Computer Engineering along with MCA has organized workshop on 'Android technology on 26<sup>th</sup> - 27<sup>th</sup> July 2012. The resource person was Dr. Uday Wad from SEED Infotech, Nashik. He has covered the topics in 7 sessions within 2 days. Total 56 Students from SY and TY MCA participated in this workshop. All the faculty members from MCA have actively participated in this workshop.

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

- Department of Electronics & Telecommunication Engineering organized seminar on 'CAT, CMAT 13 - MBA-Management entrance' for T. E. E & TC on 11<sup>th</sup> July and for T. E. Electronics on 14<sup>th</sup> July 2012 by Mr. Krunal Dhakate, T. I. M. E., Nashik. Same department organized seminar on 'Aptitude test' for final year E &TC students by Mr. Nitin Lathe, Director IBMS, Thane on 13<sup>th</sup> July 2012.
- Department of Electrical Engineering organized seminar on 'Project Planning' by Manoj Mandlik, Crompton Greaves, Ambad Nashik on 2<sup>nd</sup> July 2012 and expert lecture on 'Distribution system, operation and safety' by Mr. Hira Jadhav, MSETCL, Nashik on 6<sup>th</sup> July 2012. Same department organized seminar on 'Six Sigma' by Mr. Neman CG Ambad, Nashik on 13<sup>th</sup> July 2012 and seminar on 'Industry Expectations for Training and placement' by Mr. Ravindra Chaube on 28<sup>th</sup> July 2012.
- Department of Information Technology organized seminar on "Project Management" by Dr. Uday Wad, Director SEED Infotech, Nashik. on 4<sup>th</sup> July 2012 for Final year student and seminar on "Career Opportunities in Management" by Mr. Sagar Nikam, MD, ELC Pvt., Ltd., Nashik on 13<sup>th</sup> July 2012. Same department organized a one day workshop on "Final Year Project Management" by Mr. Anil Wale, PSPL, Pune on 14<sup>th</sup> July 2012 and expert talk by Mr. Ravi Jha, Zensar Technology, Pune (Alumni) on 26<sup>th</sup> July 2012. He focused on different aspects like Final year project management, placement process, preparation for interview, current industry requirements and future opportunities.
- Department of Electrical Engineering conducted SWOT Analysis Testing of all S. E., T. E. & B. E. Electrical (Regular Shift) & S. E. Electrical Second Shift students. Total 300 students participated in this exercise. Department also conducted Psychometric test of B. E. Electrical Students. Same department also conducted 'Business English and Communication training' for S. E. Electrical student during 29<sup>th</sup>-31<sup>st</sup> July 2012. Prof. Mrs. T. N. Date coordinated the same.
- Online projection of admission procedure by DTE was organized in two halls of the Institute on 07<sup>th</sup> July 2012. It was conducted to provide guidance for the students to fill the option forms during the admission process for first year Engineering.

■ **Seminars / Workshop / Training Attended By Staff:**

- Principal Prof. Dr. K. N. Nandurkar and Prof. Dr. P. S. Kalos attended the CII sub committee meeting on 'Employable Education' at CII Office, Worli, Mumbai on 09<sup>th</sup> July 2012. The meeting was chaired by Dr. Ganesh Natrajan, CEO, Zensar Technologies Ltd.
- Prof. Dr. S. S. Sane, Head, Department of Computer Engineering and Prof. W. W. Pingle attended lecture on 'Artificial Intelligence' organized by Science Forum, Nashik on 20<sup>th</sup> July 2012.
- Prof. Dr. Sunil Kute attended National Conference on 'Urban Infrastructure' organized by Association of Consulting Engineers, India during 3-4, July 2012.
- Prof. N. B. Gurule of Department of Production Engineering participated in Workshop on 'Disaster Management' organized by Maharashtra Health University Nashik on 5<sup>th</sup> July 2012.
- Prof. Mrs. S. M. Akolkar of Department of Electrical Engineering attended orientation program on 'Revised Curriculum of Basic Electrical Engineering' on 26<sup>th</sup> July 2012 organized by VIIT Pune.
- Prof. S. N. Kadlag, Head of Applied Science department and Prof. S. S. Naik attended workshop on 'Engineering Mathematics & Examination Reforms' organized by PICT, Pune on 31<sup>st</sup> July 2012.

■ **Industrial Visits Organized by Department For Students:**

Date	Class	Name of Company
20/07/2012	T. E. Civil Engg.	Crusher Plant of M/s. Pawar Patkar Construction Company

■ **Training & Placement :**

Name of the Department	Name of Company	No.of students selected
Department of Information technology	eQ Technologies	02

■ **Other Achievements**

- Prof. Dr. Sunil Kute of Department of Civil Engineering delivered an expert talk on 'Facing the NBA Inspection: The finishing touch' at J. S. P. M. College of Engineering Talwade Pune on 16<sup>th</sup> July 2012.
- Prof. Dr. B. E. Kushare, Head, Department of Electrical Engineering offered Electrical consultancy services to Times of India Airoli, Times of India Kandivali, EPCOS, BOSCH Ltd., Nashik and Kosso India. He also visited Areva Electricals, Schneider Electricals and Vijaya Electricals. He also offered Electrical Consultancy for Patent Revocation.
- Prof. J. P. Shah of Electrical Engineering delivered guest lecture on 'Outage Management System' at Guru Gobind Singh Polytechnic, Nashik on 25<sup>th</sup> July 2012.

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■ **Abstracts Of Papers Presented By Staff during July 2012:**

**Application of value stream mapping in an Indian Automotive Industry: A Case Study**

Prof. A. V. Damale & Dr. K. N. Nandurkar

(Published in Industrial Engineering Journal, Volume V, Issue No. 7, (July 2012).

**Abstract:-** Social Implementation of lean manufacturing (Manufacturing without Waste) needs various tools and techniques, and Value Stream Mapping (VSM) is of them. A major activity in the journey towards lean is the effective management of the flow of product and services through the series of the activities involved in providing value to the customer, known as the value stream. This requires a detailed understanding of all the processes involved so that non-value-added activities can be identified and eliminated. Value stream mapping (VSM) is a technique that can aid in developing this required knowledge. This paper covers the scientific way followed at shock absorber assembly shop for carrying VSM at a shock absorber producing company at Nashik, where Lean manufacturing has been implemented successfully. It has resulted in reduction in WIOP, Smooth Production flow to meet customer demands and stress free operations. The said organization is one of the Leading producer Shock absorbers and Front forks for OE customers as well as AM Requirements in Domestic & Export Market.

**Key Words:** Value stream mapping, present state map, future state map, workcell.

■ **Detecting image forgeries using Discrepancy in motion Blur**

Prof. Rupali Bora, Prof. N.M. Shahane & Prof. Umesh Gaiwad

[Published in International Journal of Computer Science and information Technologies, Volume 3, Issue No. 4 July/Aug. 2012]

**Abstract:-** Supply It is easy to manipulate images for malicious purposes due to widespread availability of photo manipulation software. Image splicing is one such form of tampering. Various methods have been proposed for detecting such splicing. An attempt has been made to detect splicing in images by searching discrepancies in motion blur. The motion blur estimation is through image gradients in order to detect inconsistencies between the spliced region and the rest of the image. A Blur Estimate Measure (BEM) is used to assist in inconsistent region segmentation in images that contain small amounts of motion blur and a no-reference Perceptual Blur Metric (PBM) is used to detect directional blurs in images. The selection of PBM is based on a threshold, which should needs to be set. Based on these measures the regions of the images are identified with consistent and inconsistent blurs. To study the effect of Recursive Otsu's method, which deal with threshold-based segmentation and may give better results, is aim.

**Keywords:** Image gradient, image forgery detection, motion blur estimation, Blur Estimate Measure, Perceptual Blur Metric, Recursive Otsu's method.

■ **The effect of shading on solar panel by using MATLAB**

Prof. Smita Pachpande

(Published in International Journal of Computer Science and information Technologies, Volume 1, Issue No. 2 May/June 2012)

**Abstract:-** Renewable energy sources play an important role in electricity generation. Various renewable energy sources like wind, solar, geothermal, ocean thermal, and biomass HG can be used for generation of electricity and for meeting our daily energy needs. Solar Photovoltaic (PV) array converts the solar energy into electrical energy. The performance of Photovoltaic array is affected by solar isolation, shading, temperature which results in a displacement of the Maximum Power Point (MPP). The output characteristics show the multiple maxima point. To get the maximum efficiency from Shaded Photovoltaic (PV) array, it is import to track the Global Power Point (GPP) from the various local maxima. This paper makes a study on various Maximum Power Point Tracker (MPPT) for Photovoltaic (PV) array. Also this paper explains the effect of changes in solar isolation and temperature and shading effect on solar panel and gives the steps to track GPP.

**Keywords:** Photovoltaic, Maximum Power Point Tracker, Global Power Point (GPP).

■ **Induction Program for MBA-I year students at K.K. Wagh Institute of Engineering, Education & Research, Nashik**

Department of Business Management Nashik organized the induction program for MBA-I year students on 30<sup>th</sup> July 2012. At this occasion Principal Dr. K N Nandurkar in his addresses to student focused on the vibrant role of a manager in today's competitive world and also instructed the students to make full utilization of the resources available in the Institute.

The key note address delivered by Mr. Jitendra Chaudhari, GM, Nash Robotics & Automation Pvt.ltd (Projects), emphasized on the Expectations of Corporate World from MBA Graduates. He motivated the students for inculcating reading as a habit not as a hobby. He also stressed on elements like Positive Attitude, skill development, self discipline, zeal to learn which is necessary for being a good Manager.

Further, Dr.Mrs. Medha Saikhedkar (Asst. Professor NBT Law college, Nashik & Director of Carrier Development Academy) in her speech she gave an excellent coverage on importance of soft-skills for Managers. She mentioned that Good Soft-skills will help MBA Students to stand out in milieu of routine job seekers with mediocre skills and talent.

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

