



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

September 2012

**Vol.:4
Issue:9**

TECHNICAL NEWS LETTER

■ **Teacher's Day and Engineer's Day**

K. K. Wagh Institute of Engineering Education and Research and ISTE Nashik chapter had celebrated Engineers day and Teachers' day on 17th September 2012. Chief Guest for this program was Prof.M.R.Khadilkar, Ex-Director, VIT, Pune.

In this program, Teaching and Non teaching staff members were felicitated in three different categories. In First category Senior most teaching and non teaching staff members were felicitated in which Prof. Ashok Verne,Civil department, Mr. Suhas Gaidhani, Workshop and Mr. A. G. More, Library was included. In second category staff members who has served the institute for consecutive 20 years and 10 years respectively were felicitated. In the third category all staff members who have presented a national or international paper and having 100% result in their respective subject were felicitated.

Chief guest of the function Prof. M. R. Khadilkar expressed his views about Engineering education and technology with soft skills, personality development. He put in plain words the importance of student counseling and its positive results.

Principal Dr. K.N.Nandurkar delivered welcome speech.For this function Mr. D. S. Shinde, Trustee,K. K. Wagh education society, vice principal Dr. S. S. Sane, and all department heads were present. Dr. Vinayak Sewlikar, Mrs. Prajakta Vispute, Mr. A. S. Kamble and Mr. P. M. Kolhe put efforts in the successful execution of the event.



■ **'VIJIGISHA - Elocution Competition'**

An ISTE Chapter of the Institute organized 'Vijigisha - State Level Intercollegiate Elocution Competition' in the Institute on 28th September 2012. For inauguration function the Chief Guest was Prof. (Dr.) Asmita Vaidya, Principal, NBT Law College, Nashik and for valedictory function the Chief Guest was Mr. Shailendra Tanpure, Editor, Gavkari, Nashik. Principal Dr. K. N. Nandurkar felicitated the Chief guests. Response of the participants was very good. The Prizes were distributed for the first, second and third winner. The topics for the competition were as below

- Social Role of Newspaper
- So it is called the government of people
- 'New Gorilla war' of social sites
- Life is not so easy



Inauguration of 'Vijigisha - State Level Intercollegiate Elocution Competition' on 28th Sept. 2012

■ **'One Act Play' Competition**

'One Act Play' Competition on topic 'Female Foeticides' was organized in our Institute at District level on September 27, 2012 under the mission of University of Pune for 'Save Female Child'. Board of Students' Welfare of the Institute coordinated the event for the first time. The Event was inaugurated and presided over by Hon. Shri. R. V. Purohit having more than 30 years of experience as Director in Drama. He shared the most valuable experience and guided the participants and the audience. Principal Dr. K. N.



Nandurkar gave the welcome note and informed about the whole event. Ms. Bhagyashree Kale and Mr. Raja Patki, Drama Artists, Nashik, were invited as the Judges for the said Competition. Students from the various colleges in and around Nashik participated in the competition and presented their performance in one act play. All participants showed the best performance. The first three participants were awarded by the Prizes of Rs. 1000/- as First Prize, Rs. 750/- as Second Prize and Rs. 500/- as Third Prize.



'One Act Play' Competition on topic 'Female Foeticides' was organized by Board of Students' Welfare of the Institute on 27th September 2012.

■ ATIKRAMYA 2012

Student Chapter of I E (I) & Department of Civil Engineering of our Institute organized two day national level technical event named ATIKRAMYA on 21st & 22nd September 2012. Invitations had been sent to around 200 colleges across India including IIT's, NIT's, all leading Universities and technical institutes. We were hosts to around 600 students coming to our Institute, from across the country. There were basically 9 technical events with prizes worth Rs. 1.00 Lac to be won. The Chief Guest for the inauguration function was Prof. Dr. V. D. Barve (Ex. Principal, K. K. Wagh Institute of Engineering Education & Research, Nashik) on 21st September 2012. For this function Trustee Shri. D. S. Shinde, Principal Dr. K. N. Nandurkar and Prof. P. D. Jadhav, Head of Civil Engineering department were present.



Inauguration function of ATIKRAMYA 2012 took place in Sir Vishvesvaraya Hall of the Institute on 21st September 2012.

■ IBM -RAD CERTIFICATION

IBM has conducted 4 Days training on RAD at Computer Engineering Department from 16th - 18th September 2012. Online Examination was conducted on 28th September 2012 in which thirteen students from MCA [TY] and seven students from MCA [SY] were qualified for IBM RAD Websphere 6.0.



Students from MCA department were qualified for IBM RAD Websphere 6.0.

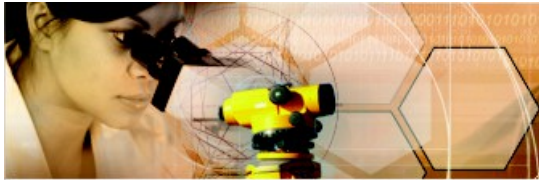
■ Seminar on 'Software Testing and Quality Assurance'

The Department of Information Technology organized a seminar on "Software Testing and Quality Assurance" by Prof. Dr. S. A. Kelkar, I. I. T. Bombay on 7th September 2012. 45 students from final year attended this seminar. The main focus was on CMM (Capability Maturity Model). He discussed quality assurance, CMM and different key process areas of CMM. He mentioned a list of key process areas for different levels of the CMM. He focused on goals and activities performed by different key process areas at each level.



A seminar on "Software Testing and Quality Assurance" by Prof. Dr. S. A. Kelkar

continued on page 3



■ Lecture on 'Investment Awareness'

Department of Management Studies organized a Guest Lecture on 'Investment Awareness' by Mr. Vrushal Saudagar on 8th September 2012. For this programme Principal Dr. K. N. Nandurkar, Prof. Dr. Mrs. Aarti More and staff were present.



Department of Management Studies organized a Guest Lecture on 'Investment Awareness' by Mr. Vrushal Saudagar.

■ CONGRATULATIONS

Prof. Dr. S. S. Sane, Head of Department of Computer Engineering has awarded 'Gunwant Shikshak Puraskar' by Panchavati Sarwajanik Vachnalay on 5th September 2012.



Prof. Dr. S. S. Sane, Head of Department of Computer Engineering has awarded 'Gunwant Shikshak Puraskar'

■ Expert Lecture/Seminar/Courses/Worshop Organized:

- Department of Electronics and Telecommunication organized seminar on 'GRE-TOEFL' by Ms. Shweta Bhagwat, alumini of E & TC on 1st September 2012 and seminar on 'ICFAI, Group Hydrabad' by Mr. Ravindra Khedkar, Area Manager, Maharashtra-Goa on 26th September 2012. Same department also organized workshop on 'Mobile Making' by Mr. Awadh Singh & Mr. Nitin Gaikwad, College of Engineering, Pune from 22nd - 23rd September 2012.
- Department of Electrical Engineering organized seminar on 'Entrepreneurship Development' by Dr. O. G. Kulkarni on 7th September 2012 and Expert Lecture on 'UPS & Batteries' by Mr. D. M. Methekar from General Maintenance Company, Nashik on 14th September 2012. Department also

organized Expert Lecture on 'Conditioning and Monitoring of Electrical Equipment' on 21st September 2012 and Expert Lecture on 'CT/ PT Specification & Testing' by Mr. Pankaj Patil on 28th September 2012.

- Department of Chemical Engineering organized Expert Lecture on 'Process Equipment Design' by Mr. Sandip Patil & Mr. Vinay Vaidya on 8th September 2012.
- Department of Information technology organized a seminar on "Career Options after Engineering" by Mr. Krunal Dhakate (TIME) on 28th September 2012 for final year and third year students.
- Department of Management studies organized Seminar on 'Stress Management' by Mr. E. V. Geerish, from Brmhakumari Eshwariya Vishwavidyalaya on 21st September 2012. Same department also organized lecture on 'Consumer Protection Act' by Mr. Vilas Deole on 22nd September 2012 and event on 'Resume Making' by Mrs. Nandita Ray on 28th September 2012.
- 'Parent-Teacher Meeting' has been conducted by MCA Department on 8th September 2012 for SY and TY MCA Classes.
- Inauguration of Football Tournament on College ground on 17/09/2012 at 11.00 am. Mr. Sahebrao Patil, DCP, Nashik was the chief guest for Inauguration on College ground on 17/09/2012 at 11.00 am.

■ Seminars / Workshop / Training Attended By Staff:

- Prof. H. D. Mhatre of Department of Production Engineering and Prof. Uday V. Saindane of Department of Mechanical Engineering are attended faculty development program on 'Making Engineering Education Employable' at CII and BITS, K. K. Birla Goa Education Campus, Zuarinagar from 27th - 28th September 2012.
- Prof. V. R. Takate & Prof. Swati Zambre of Dept. of Electronics and Telecommunication attended orientation meeting in Subject of Signals and System for SE (E&TC/Electronics) on 12th September 2012.

■ Papers Presented By Students:

- Ms. Priya Unawane, Ms. Sayali Pagare and Mr. Sunil Wankhede of S.E. Electronics secured 1st Prize for paper entitled 'Nano-Robotics -A boon for cancer disaster' in paper presentation competition organized by MET'S Institute of Engineering, Nashik from 13th -15th September 2012.
- Ms. Tejasvini Patil, T. E. E & TC secured 2nd Prize for paper entitled 'Intelligent drives' in National conference organized by Pratibha Shakti on 2nd September 2012
- Mr. Dinesh Modi of B. E. IT secured 2nd Prize in WEB Designing Contest 'CREDENZ-12' organized by PICT, Pune.

continued on page 4



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

Date	Class	Name of Company
07/09/2012	B.E. Electrical	Enercon India Pvt., Ltd., Pachapatta, Gholi, Nashik
07/09/2012	S.E. Chemical	Megafine Pharmaceuticals Ltd., Dindori
11/09/2012	B.E. Chemical	Shalimar Paints Ltd., Gonde
12/09/2012	B.E. Electrical	400KV , Grid substation, Khadka, Bhusawal
18/09/2012	B.E. Civil	Sewage Treatment Plant, Panchavati, Nashik
18/09/2012	T.E. Electrical	TMW, Nashik Road, Nashik
18/09/2012	S.E. Chemical	Niphad Sugar Factory
19/09/2012	B.E. Electrical	BHEL, Bhopal
20/09/2012	F.E. Civil	Construction Site, Amrutdham
21/09/2012	T.E. Chemical	Sunshine Paints Ltd., Ambad
24/09/2012	S.E. Electrical (2 nd Shift)	Motwane Pvt., Ltd., Nashik
25/09/2012	T.E. Civil	Central Engg. Workshop, Manmad
26/09/2012	S.E. Electrical (2 nd Shift)	Bieco Industries, Gonde, Igatpuri
28/09/2012	S.E. Electrical (1 st Shift)	Motwane Pvt., Ltd., Nashik
28/09/2012	S.E. Electrical (2 nd Shift)	Shivananda Electronics, Nashik

■ **Other Achievements**

- Principal Dr. K. N. Nandurkar attended 'Education Conference cum Meditation Retreat' on Values and Spirituality for Empowerment of Life organized and hosted by Education Wing, Rajyog Education and Research Foundation and Brahma Kumaris Words House, Mount Abu during 31st Aug. to 04th Sept. at Abu Road, Rajasthan.
- Principal Dr. K. N. Nandurkar, Prof. Dr. V. M. Sewalikar and Prof. Dr. B. V. Kardile attended luncheon meeting with representatives of Kings India Institute, UK at Hotel Taj Mahal Palace and Towers, Mumbai on 08th Sept. 2012. The meeting was organized by CII to explore the possibility of staff/student exchange and joint research projects with UK and Indian Institutes.
- Principal Dr. K. N. Nandurkar was invited as Chief Guest for the Engineering Day programme organized by K. K. Wagh Polytechnic, Chandori on 18/09/2012.
- Prof. Dr. P. J. Pawar of Department of Production Engineering delivered an expert talk on 'Matlab for Mechanical Engineering' at Sinhgad Institute of Technology, Lonavala from 27th -28th September 2012.
- Prof. Dr. B. E. Kushare, Head, Department of Electrical Engineering delivered Two days Expert Lecture on 'Energy Management' at Times of India, Airoli. He also offered Electrical consultancy services to TKES, Gonde, EPCOS, Times of India, Press, Bhosari, Pune, Central Bank of India (Various branches in Nashik, Dhule, Nandurbar).

- Prof. S. S. Dhamal of Department of Electrical Engineering delivered expert lecture on 'Electric Motor' at K. K. Wagh Polytechnic, Nashik on 14th September 2012. Same departmental staff Prof. S. S. Kale delivered expert lecture on 'Power Factor' at K. K. Wagh Polytechnic, Nashik on 26th September 2012. Prof. J. P. Shah of same department delivered Expert Lecture on 'Power Blackout' and 'Smart Grid' at Training Center at Mahagenco on 24th September 2012 and 27th September 2012 respectively.

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

Effect of Change in Frequency on Operation and Performance of Three Phase Induction Motor

Prof. A. M. Jain, Dr. B. E. Kushare, Prof. N. N. Jangale, Prof. Pankaj Gautam

(Published in International Journal, Recent Trends in Engg. and Technology, Volume 7 July- August 2012)

Abstract:- This paper presents the operation of a c induction motor under different frequencies other than nominal. This change in frequency can affect significant changes in motor operating performance characteristics. A simulation model is developed in matlab and performance characteristics are compared with the frequencies.

Keywords:- Induction motor, operation and performance, frequency.

■ **Tracking The Global Power Point (GPP) Using Simulink Model In Matlab**

Prof. Smita G. Pachpande

(Presented at International Conference on 'Advances in Electrical and Electronics Engineering - ICAEEE 2012' organized by Indian Research Development, Pune on 16th September 2012)

Abstract:- Renewable energy sources play an important role in electricity generation. Energy from the sun is the best option for electricity generation as it is available everywhere and is free to harness. In normal condition, the Photovoltaic (PV) system will shows the single maxima on the PV characteristic. But at the shaded condition the Photovoltaic (PV) system will show the multiple maximum points on the PV characteristic. So from that multiple maxima it is necessary to track the Global Power Point (GPP). This paper first discusses the need of tracking of GPP. And also present the algorithm and implementation of Global Power Point Tracker, which will track this GPPT. Tracking the GPPT at the non uniform insolation condition will increase the efficiency of the Photovoltaic System.

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

Prof. Dr. K. N. Nandurkar
PRINCIPAL

