



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

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TECHNICAL NEWS LETTER

Advisory Committee Meeting



Advisory committee meeting was held on 21st January 2012.

Advisory Committee meeting was held on 21st January 2012 in the Board Meeting Hall of Institute. The Advisory Committee Chairman Shri. Vivek Sawant and other members Prof. B. M. Naik, Dr. D. G. Hapse, Dr. D. M. More, Prof. U. N. Gaitonde and Shri. N. A. Joshi were present. Hon. President Shri. Balasaheb Wagh, K. K. Wagh Education Society felicitated Shri. Vivek Sawant and all other committee members. Secretary Shri. D. S. Shinde, all Principals, Heads and senior staff of various Institutes of K. K. Wagh Education Society were present for meeting.

Local Managing Committee Meeting



Local Managing committee meeting in the Institute on 4th January 2012

Local Managing committee meeting was held in the Institute on 4th January 2012. Hon. Chairman Shri. Balasaheb Wagh felicitated to committee member Dr. O. G. Kulkarni and Dr. R. Venkatesh. They have appreciated the development of the Institute. They provided the guidance for the overall improvement of the Institute.

Awareness Programme on Road Traffic Safety



NSS unit organized awareness programme on 'Road Traffic Safety'.

6th January 2012, NSS Unit of the Institute organized an awareness programme on "Road Traffic Safety" in the Institute. On this occasion Shri. Thakur, ACP (Traffic) & Dr. Karandikar (Neurosurgen) guided the students. Principal Dr. K. N. Nandurkar felicitated the guests.

National Youth Day



Hon. Vice President Shri. Kashinathdada Tarle visited Blood Donation Camp along with Principal Dr. K. N. Nandurkar.

The National Youth Day was celebrated in the Institute on 12th January 2012 by organizing the Blood Donation Camp. Dr. Anirudhha Dharmadhikari, renowned Cardiologist guided the students. Total 85 donors donated the blood to M.V.P.'s Blood Bank.

Cancer Awareness Programme



Dr. Shailesh Bondarde speaking in Cancer awareness programme on 11th Jan. 2012

ISTE Students Chapter and Cipla Ltd. has organized a lecture on cancer awareness programme 'Lakshya' on 11th Jan. 2012. The speaker for the programme was Dr. Shailesh Bondarde renowned Oncologist and Director, Shatabdi Super Speciality Hospital, Nashik. He guided the student & staff members about the precaution measures about the cancer & its different types.

Two Day State Level Workshop On "Aviation Technology And System Integration (ATSI-2012)"



Participants of Workshop on 'Aviation Technology and System Integration (ATSI-2012)'

A two day state level workshop on "Aviation Technology and System Integration (ATSI-2012)" was organized by Dept. of Computer Engineering in association with Hindustan Aeronautics Ltd., Nashik & Aeronautical Society of India, Nashik branch on 13th and 14th January 2012. Participants from industry and faculty members from Engineering & Polytechnic Colleges from all parts of Maharashtra participated in the event. The Keynote speaker, Mr. Atul Bakare Scientist F, Additional Regional Director, RCMA, Nashik, delivered a talk on "Unknown past of Aviation



Science". Sessions on "Global positioning system (GPS)" and "Flight Data Analysis & Black Box" were conducted by the DGM, Training, HAL, Nashik, Mr. Shankar Narayan and Mr. U. G. Salawade, Chief Manager, Design, HAL, Nashik conducted session on "Aircraft Weapon control system". Principal, Dr. K. N. Nandurkar presented welcome speech. Convener, Dr. S. S. Sane explained the objectives and gave the overall idea of the workshop.

Lecture by Dr. Pritesh Junagade



Dr. Pritesh Junagade delivering lecture

A seminar on "Thalassaemia" by Dr. Pritesh Junagade MD (Medicine), MRCP (UK), MRCPATH (Haematology) (UK), CST (Haematology), Consultant Haematologist and Oncologist, LOTUS Institute was conducted on Thursday, 19th Jan. 2012. Dr. Vishal Sheth, Hospital Administrator and 2 lab technicians were present. Prof. Ajinkya Joshi, I/c. Registrar, of the institute felicitated Dr. Junagade and Dr. Sheth. Prof. Ms. Rutuja Jadhav and Prof. Ms. Neha Sharma from Computer department coordinated the seminar. Seminar was arranged for final year students of Computer & Civil department. Dr. Junagade created awareness about Thalassaemia, which is a serious Blood Disorder Disease and also took blood samples of students for complete Blood count check, of which reports were given to students after 2 days.

Atmagyan Chitra Exhibition

The Atmagyan Chitra Exhibition was organized in the institute in association with Sant Seva Sangh on Jan. 20 & 21, 2012. It was inaugurated by Shri. Nilkanth Nandurkar, renowned artist and teacher. The paintings based on selected stanza's of 'Dnyaneshwari' were displayed for the benefit of staff & students. The work done young artist Ms. Atmja was appreciated by all visitors.



Dignitaries visiting Atmagyan Chitra Exhibition

Industry-Institute Interaction Meet

The Industry-Institute interaction meet in association with Board of Apprenticeship Training, Maharashtra was held on 21st Jan. 2012. It was inaugurated by Shri. D. R. Nandanwar, Jt. Director, DTE. Many representatives from industrial and academic institutes were present. The expectations of industries from engineering graduates were discussed. A meeting of graduates willing to join under Apprenticeship Act was held in the afternoon.



Industry-Institute interaction meet

Flag Hoisting On Republic Day

The Republic Day was celebrated on 26th Jan. 2012 with enthusiasm. Prof. Dr. K. N. Nandurkar, Principal, K. K. Wagh Institute of Engineering Education & Research, Nashik hoisted the flag on this occasion. Students presented patriotic songs & gymnastic exercises on the occasion.

NBA Committee Visit

NBA expert committee under the Chairmanship of Prof. Pradeep Kumar, IIT Roorkee visited the Institute for accreditation of IT and Chemical Department on 27-29th January 2012.

Three Days IBM Db2 In-House Training

Three days IBM DB2 In-house training was organized for TE Computer Engineering students from 17th to 19th January 2012 by CSI Student Branch. The trainers for the same were Mr. A. V. Kolapkar, Mr. D. M. Kanade, Mr. L. A. Patil, Ms. N. G. Sharma, Mrs. S. M. Malao. Faculty members Mr. K. P. Birla, Ms. M. J. Metkar, Mrs. J. R. Rahatal, Mr. Swapnil Ahire also participated in the same.



Participants of IBM DB2 In-house training along with experts

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One Day Workshop on C#

One day workshop on C# and WCF was organized for TE Computer Engineering students on 22nd January 2012. The trainer for the same was Mr. Saurabh Phadke. 49 students from TE participated in the same. Session-1 started with Fundamentals and hands on Visual Studio 2008. Next session was on Databases objects and Introduction to SQL connectivity. Last session was on WCF. Faculty members Ms. M. J. Metkar, Mrs. C. R. Patil, Ms. R. H. Jadhav, Mrs. Vidya Bodhe, Mrs. I. Priyadarshini & Mrs. Jayshree Rahatal also participated in the same.



Participants of One day workshop on "C# and WCF" along with experts & Prof. Dr.S.S.Sane

Alumni Meet

An Alumni Meet was organized by Dept of Information Technology on 7th January, 2012. The alumni shared their experiences of working in the IT industry. The alumni interacted with final year students regarding the pre-placement preparation & development of communication skills. Ravi Jha (alumni of 2010 Batch) has proposed an initiative to conduct sessions on Pre-placement preparation. The first session in this direction is proposed to be held in the Month March, 2012.

On 14th January 2012, Department of Chemical Engineering also organized an Alumni Meet in the Institute. Alumni members interacted with the student as well as faculties for the training and placement activities, student projects etc. An alumnus Samarth Srivastava, Alfa Laval Ltd. and Rushikesh Bhandari, Delta Finocem shared views and role of Chemical Engineering in Industries.

Expert Lecture/Seminar/Courses/Worshop Organized:

- Department of Computer Engineering had organized Spoken Tutorial on 'LINUX' on 12th, 16th, 17th, 19th, 20th and 31st January 2012.
- Department of Electronics and telecommunication had organized quiz contest on general and electrical question on 19th January 2012.
- Department of Electronics and telecommunication had organized program on 'Yes' on 21st January 2012 by Ms. Vaishali Kamble from art of living, Nashik.
- Department of Electrical Engineering organized workshop on 'Soft Skill Development' during 27th to 31st January 2012 by experts Ms. Kanchan Mandanekar and Mr. Mahesh Joshi.
- Department of Chemical Engineering organized expert lecture on 'Interview skills' on 17th January 2012 by an expert Ms. Vaishali Salve. Dept. also organized expert lecture on 'Education Abroad' on 31st Jan.' 2012 by an expert Mr. Vinayak Kamat.

- Department of Management studies organized a programme on 'SWOT Analysis on 13th January 2012 and expert talk on 'Realationship Management' on 21st January 2012 by Mr. Padmanath Khapre.

Seminars / Workshop / Training Attended By Staff:

- Prof. Seema Kulkarni, Ms. Prerna Karnik, Ms Sumedha Chumbale, Prof. T. T. Tambe, Prof. K. P. Birla of department of Computer Engineering had attended workshop on 'Latex' on 12th January 2012 organized by SNJB COE Chandwad. Same departmental staff Prof. S. S. Bahadre attended seminar on 'Research Trends in Communication Engineering Signal Processing & Advance Computing' on 20th January 2012 organized by SNJB COE Chandwad, Nashik.
- Prof. H. D. Mhatre of Department of Production Engineering had attended STTP on 'Advance Engineering Optimization through Intellectual Techniques' during 2nd - 7th January 2012 organized by SVNIT Surat. Prof. S. B. Chandgude & Prof. S. B. Gunjal of same department attended on day workshop on 'Implementation of Revised syllabus for B. E Production 2008 course' organized by Amrutvahini College Of Engineering Sangamner in association with University of Pune on 17th January 2012.

Industrial Visits Organized by Department For Students:

Date	Class	Name of Company
14/01/2012	B. E. E & TC	Mobile Switching Station, Satpur, Nashik
31/01/2012	T. E. Civil	Plate Load Test at Sewage Plant of NMC at Takli Agar, Nashik
31/01/2012	T. E. Civil	R. C. C. Piles & RCC Raft Slab at Sewage Plant of NMC at Takli Agar, Nashik
	S. E. & T.E. IT	Medicine Museum Maharashtra University of Health Science, Nashik

Training & Placement :

Name of the Department	Name of Company	No. of students selected
Electronics & Telecom.	Rushabh Instruments	01
Electrical Engg.	Kirloskar group	01
Chemical Engg.	Megafine Pharma Ltd., Nashik	08
	Floro Daniel	01

Books Purchased in Central Library : January 2012

Sr.No.	Name of Dept.	Total No. of Books purchased
01.	Chemical Engg.	149

Other Achievements

- Principal Prof. Dr. K. N. Nandurkar was invited as Chief Guest for the closing function of NSS Winter Campus organized by K. K. Wagh Arts, Commerce, Science & Computer Science College at Babbleshwar site on 10/02/2012.
- Prof. S. S. Sane, Head of Department of Computer Engineering was invited to delivered Expert Talk on Weka at SNJB College Of Engineering Chandwad on 20th January 2012.
- Prof. Dr. P. J. Pawar has delivered expert lecture on 'Advance Engineering Optimization Technique'

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- in STTP at SVNIT Surat during 2nd to 7th Jan.' 2012.
- Prof. P. D. Dhake of Department of Civil Engineering had delivered Expert Talk on 'Software for structural Design' at Guru Gobindsingh Polytechnic, Nashik during 18th to 19th January 2012.
 - Prof. Dr. B. E. Kushare offered electrical consultancy to Bosch Ltd., EPCOS Ltd., Times of India, New Delhi during month of January 2012.
 - Prof. J. P. Shah delivered expert lecture on 'E-Waste Management' at K. K. Wagh Woman's Polytechnic, Nashik on 27th January 2012.

■ **Abstracts Of Papers Presented By Staff :**

Performance Evaluation of Grey Relational Analysis for Customer Preference Based Selection of Product Alternatives

Prof. S. R. Gangurde

((Presented at International Conference on Industrial Engineering at SVNIT, Surat))

Abstracts:- In this paper, the ranking and selection of the product alternatives is carried out using Grey Relational Analysis (GRA) which is one of the famous multi-attribute decisions making (MADM) technique. The results of GRA method are then compared with the results of other MADM Techniques such as Simple Additive Weighing (SAW) Method, Weighted Product Method (WPM), Technique for Order Preference by Similarity to Ideal Solution (TOPSIS). The product alternatives of vacuum cleaners are considered for selection from customer preferences point of view.

■ **Portable ARM Processor based Wireless ECG System**

Prof. R. R. Khinde

(Paper published at IJMRAE, ISSN 0975-7074, Vol. 4 No.1)

Abstracts:- Mobile telemedicine systems are becoming more important all the time, especially in the care of patients that are isolated or travelling, far from a reference hospital. These systems must be embedded in low cost, small devices with low power consumption, and should have an interface that is usable by the patient. Incorporating technologies such as Bluetooth, GPRS, GSM or Wi-Fi to these systems allows the wireless transmission to health or control centres. This paper describes a low cost, portable system with wireless transmission capabilities for the acquisition, processing, storing and visualization in real time of the electrical activity of the heart to a PC. Implementation of this system would be beneficial to all involved in the use of electrocardiography as access to, and movement of, the patient would not be impeded by the physical constraints imposed by the cables.

■ **Fuzzy rule based approach for modeling Biogas production rate in a real scale UASB reactor treating distillery wastewater**

Prof. Ashok L. Varne

(Presented at International conference of Environmental Research at SVNIT, Surat during 15th - 17th January 2012)

Abstracts:- The high rate anaerobic biological processes are used for treatment of industrial wastewater and these processes are subjected to many disturbances due to variation in quantity and quality of wastewater. Many uncertainties are involved in their operation, control and measurement of parameters. A fuzzy model is developed for prediction of biogas production rate in a real scale UASB reactor treating distillery wastewater. The parameters used for daily monitoring and operation of the plant (flow rate, influent COD, effluent COD, pH, and temperature and biogas production rate) are used for model development. The performance of the model was evaluated using statistical parameters. The correlation coefficient (R value) of 0.879354 and root mean square error (RMSE) of 4150.44 was observed indicating good agreement between the predicted values and the observed values of biogas production rate. The model will be useful for assessment of performance of the real scale UASB reactor treating distillery spent wash and also to control the operation of the plant.

Keywords: UASB reactor; spent wash; COD; fuzzy model; biogas; organic loading rate; hydraulic loading rate.

■ **E-Marketing vs Traditional Marketing in 21st century**

Dr. Aarti T. More

(Presented at international conference at Hotel Gateway, Pathardi Phata, Nashik organized by at Mahatma Gandhi Vidya Mandir's, Institute of Management and Research, Panchavati, Nashik during 27th - 29th January 2012)

Abstracts:- Marketing plays a vital role in a business. The success of the company can be achieved through effective Marketing. A marketer should know how to discover and develop marketing ideas for their business. Conventional or traditional marketing is generally termed as "push" process that is, company is pushing their marketing material, at the target market. TV, radio, brochures, exhibitions, hospitality, direct mail, cold calling, blanket e-mails etc., are all the usual types of traditional marketing. As the world is gearing and operating in a faster pace, it is prudent for the companies to follow its lead and take up the newer trends. Traditional Marketing, according to market analysts, fails to work in today's world. The brand recall is very minimal as the customer is exposed to a variety of brands. Moreover, as every other brand is as good as its competitor, there is no particular reason for the consumer to opt for a particular brand. That's why today's marketer aims at 360-degree marketing - an all round marketing strategy covering all the available modes and expects a constant brand recall. This is where online marketing offers a lot of hope for the marketer as the web reaches out to the prospective buyer in a fastest pace possible. With all this around, the question of whether traditional marketing today is convincing or not rises.

Prof. Dr. K. N. Nandurkar
PRINCIPAL

