



## K.K.Wagh Education Society's

K.K.WAGH WOMEN'S POLYTECHNIC, NASHIK

Amrutdham, Panchavati, Nashik-422003

### NEWS LETTER

August-2011

#### ➤ Alumni Meet of the Institute:-



**Prof. Mrs. V. R. Khapli, Principal, along with all attendee.**

'Alumni Meet' of the institute was conducted on 20<sup>th</sup> August 2011. The purpose behind conducting this meet was to collect Alumni feedback regarding Institute and share their experiences. Alumni meet is the source of togetherness to all. The Principal addressed the Alumni in which it was expected that, Alumni who are/were working in multinational companies can arrange seminars, workshops or Industrial visits for their juniors to guide them. She also asked and encouraged them to join a group of Alumni on facebook website and update their current status. In the response, Ms. Smita Dhumne, Ms.Priyanka Aher, Ms.Amruta Bildikar Alumni of CM and IF Departments promised positively. The Alumni interacted with the juniors and guided them regarding future opportunities, requirements of industries, current softwares etc. All Alumni enjoyed the meet and refreshment a lot.

It was coordinated by Mrs. D.C. Palekar, Instt. Alumni Coordinator under the guidance of Prof. Mrs.V. R. Khapli, Principal. All departmental Alumni Coordinator worked hard to make it success.

➤ **Staff- Development Program**



**Mrs. Gajarushi conducting a program**

The '**Staff Development Program**' for all staff of K.K. Wagh Women's Polytechnic was organized under ISTE chapter on 2<sup>nd</sup> Aug.2011 on the basis of Two Weeks Training Program organized by NITTTR attained by Mrs. P.A. Gajarushi. The purpose behind conduction of this program was to develop effective teachers and educational administrators, to enhance professional ideals and standards among the staff & provide updated information to them. She discussed the total program of two weeks & then she explained every point elaborately. She discussed the Roles & Responsibilities of Technical Teachers, Goal & Objectives of Topic, Teaching- Learning Aids, Learning Principles, Methods of instructions and Session Plan so as to do the updations in current teaching- learning process. This program was followed by Principal's suggestions to use these methods in teaching. All the departmental ISTE coordinators worked hard to make it successful.

➤ **NBA Awareness Program**



**Prof. Mrs. N.R. Patil addressing to the staff**

The **‘NBA Awareness Program’** for all staff of K.K. Wagh Women’s Polytechnic was organized under ISTE chapter on 16<sup>th</sup> Aug.2011. The purpose behind conduction of this program was to bring awareness about NBA process, its importance and to impart the knowledge about it to all freshers as well as seniors. She shared the details of NBA & Its importance, Objective, Eight Quality Criteria, Human Resources (staff & students), Weight age for NBA. She told that the main objective of it is to encourage the Institute to go to excellence, to identify strength & weakness of program and help institute in improving quality of the program. It was followed by Principals consolidation in which she suggested few benchmark and tips to improve quality.

## **Industrial Visits:**

### **“Rishabh Instruments Pvt.Ltd.”**



#### **Visit to Rishabh Instruments Pvt.Ltd**

Department of Electronics & Communication has arranged Industrial Visit to “Rishabh Instruments Pvt.Ltd.” MIDC Satpur on- 3<sup>rd</sup> Aug 2011 for SYET students. Rishabh Instruments Pvt.Ltd. a 20 year young organization that has built its core competence in manufacturing, design and development of Test and Measuring Instruments and Industrial Control Products on strong fundamentals; in terms of people, infrastructure and financials. This company has mainly two sections i.e. digital & analog. In digital section, the manufacturing, testing and calibration of digital multimeter is done and also PCB making, soldering, component mounting etc. In the analog section, the analog multimeters, ammeters, voltmeters are manufactured, tested and calibrated.

#### **One day Visit to the Remote Sensing Department of MERI by the Second and Third Year Students of Information Technology Department**

The Information Technology Department of K.K.Wagh Women’s Polytechnic had arranged an industrial visit to the Remote sensing department of Maharashtra Engineering Research Institute (MERI) on 3<sup>rd</sup> August 2011 .Mr.S.G.Wagh (Assistant Engineer Gr-II) explained the meaning of remote sensing as well as various concepts related to it. He also told how the remote sensing satellites are used by “ISRO” for capturing images of earth for different purposes like for

calculating forest area, industrial area ,water storage , pollution etc. using remote sensing, the types of remote sensing i.e ‘passive remote sensing’ and ‘active remote sensing’, how the images are interpreted and analyzed by providing different signatures to computer (assigning different color shades to recognize water ,forest etc). He also discussed various applications of remote sensing .He also explained the “ERDAS IMAGINE 2010”software used for remote sensing. The visit benefited the students with respect to the overall knowledge about remote sensing and its applications.



**Mr.S.G.Wagh explaining the concepts about ‘Remote Sensing’**

## **Seminar**

### **➤ On “ Robotics & Embedded System”**

On 11<sup>th</sup> August 2011,Department of Electronics & Communication has organized an expert lecture on “Robotics” for their students of TYET & SYET by Mr. Aniruddha Deshpande who is a Director of “Omni mentors Academy” institute. By showing audio and video of robotics used various field like medical, defence etc. He told about the “Enthiran” ,is a 2010 Tamil fiction movie, the film's story revolves around the scientist's struggle to control his creation, the android robot whose software was upgraded to give it the ability to comprehend and generate human emotions. The plan backfires as the robot falls in love with the scientist's fiancée and is further manipulated to bring destruction to the world when it lands in the hands of a rival scientist.The U.S. military has been developing robotic systems for all sorts of jobs for years now, the most common robots currently in use by the military are small, flat robots mounted on miniature tank

treads. These robots are tough, able to tackle almost any terrain and usually have a variety of sensors built in, including audio and video surveillance and chemical detection. These robots are versatile, with different sensor or weapon packages available that mount to the main chassis. Another Robot ASIMO was created at Honda's Research & Development Wako Fundamental Technical Research Center in Japan. Its name ASIMO stands for "Advanced Step in Innovative Mobility" which is a humanoid robot, standing at 130 centimeters (4 feet 3 inches) and weighing 54 kilograms (119 pounds), the robot resembles a small astronaut wearing a backpack and can walk or run on two feet at speeds up to 6 km/h (3.7 mph).

➤ **On "Industrial Automation"**

The Department Electronics and Telecommunication Engineering of K.K.Wagh Women's Polytechnic, Nashik has arranged a seminar on "Industrial Automation" on 5<sup>th</sup> Aug 2011 in the Vishvakarma Hall. Mr.Sanjay.P.Gawade, Director of "Automation concept and Energy management training centre" was the speaker .The talk begins with the concept of automation and its application in industry. The seminar was preceded with introduction of real time system such as PLC (programmable logic array).He also explained the programming language used to represent circuit diagram also called as ladder diagram .He also discussed about the communication protocols used to interface PLC with other systems. A brief idea about SCADA (Supervisory control and Data acquisition system) used to communication over network is also presented. The program was concluded with the scope for electronics students in the field of automation. The seminar proved beneficial for final year students.

➤ **On "Robotics"**

The Department Electronics and Telecommunication Engineering of K.K.Wagh Women's Polytechnic, Nashik has arranged a seminar on "Robotics "on 5<sup>th</sup> Aug 2011 in the Vishvakarma Hall. Mr. Mahesh Rasal Director of "Omnimentors Academy" was the resource person. He begins the seminar with concept of Robots. A brief idea of electronic circuits and programming used to manufacture a robot is also given .The seminar preceded with the different types of robots available in the market to perform various activities, advantages and drawbacks of them were also discussed. An animated clip of making line follower robot was shown. The seminar was very interesting and informative.

**On "Positive Thinking" by Mr. Nuruddin Jiwani**

A seminar on 'Positive Attitude' was organized on 5<sup>th</sup> August 2011 ,by Ocean-Student Association of Computer Department. Mr. Noor. J. Jiwani , public speaker and personality development trainer from Ethos Linguistics institute, Nashik, was delivered a seminar. In his lecture, he focused on importance of positive thinking, Learning skills, how to take decisions, how to avoid negative attitude etc. with the help of short stories and his personal experience. All the students of Second and third year interacted with him and enjoyed the session. Prof. Mrs. Khapli V. R. felicitated Mr. Jiwani. The seminar was attended by HOD(Computer) along with all staff.

A seminar on 'Positive Thinking' was organized by the Information Technology department on 27<sup>th</sup> August 2011 for the students of Second and third year. The main areas focused by him were 'Let It Go', 'Change Yourself rather than others', keeping positive attitude in life. He also highlighted on areas like how to do time management. He explained the concept of 'Garbage In Garbage Out', 'Mental makeup' and many more. The students gained an insight of approaching life in a positive way. It also helped them to cheer up and face the challenges boldly.

### **Expert Lecture on Electrical safety and Energy Audit**



**Mr. M.Bhavsar delivering lecture on Energy Audit**

An expert lecture on "Electrical safety and Energy Audit" was organized by the Department of Electronics and Telecommunication & Electronics and Communication Engineering of K.K.Wagh Women's Polytechnic, Nashik 10<sup>th</sup> Aug 2011. The lecture was conducted by Mr.M.Bhavsar, NTPS Nashik. The lecture began with brief introduction of the principle of energy audit for cost effective energy conservation. He also explained the types of energy audits such as simulation energy based audit procedure and the techniques such as infra red thermographs audit and pollution audit. The also mentioned the advantages of using energy saving products. In the last session Electrical sector and energy policy used in India along with power scenario was discussed.

➤ **Expert Lecture on Software for PCB design**



**Prof. Mrs.V.R.Khapli felicitating Mrs.Yogita Walekar**

An expert lecture on “**Software for PCB design**” was organized by the Department of Electronics and Telecommunication Engineering of K.K.Wagh Women’s Polytechnic, Nashik 20<sup>th</sup> Aug 2011. Mrs.Yogita Walekar

Project Engineer from Rishabh Instruments, Nashik was the speaker. She began the lecture by giving introduction of Printed circuit boards and their types. The lecture was preceded with the procedure of PCB making including the process of etching drilling and component mounting. She presented the process of PCB making by playing a video clip. She also explained the procedure to design PCB using protel software. She guided our students regarding vast scope for an electronic engineer in the field PCB designing.