

Seminar/ Training/Workshop organized by institute

• Seminar on Mobile Communication:

Department of Electronics and Telecommunication has organized a lecture on "Mobile communication" on 5th October 2015 at 12.30 to 1.30 p.m. for second and third year students. Mr. S.A.Bhadane was the speaker. He is sub-divisional officer at BSNL, Nashik. He started the lecture with the introduction of



communication system. He explained the fundamental concept of mobile communication to the students. He gave information about the difference between wired and wireless communication. He covered multiple access techniques such as FDMA, TDMA, CDMA. He also explained GSM architecture to students. In this way students got very beneficial information about mobile communication.

• Training on Dead stock management:

Department of Electronics and Telecommunication has organized a training on Dead stock management on 21st October 2015 at 10.00 to 5.00 p.m. for teaching and nonteaching staff. Mr. N. M. Shahane was the expert for this training. He is working as associate professor at KKIEER, Nashik. In this training program 80 participants of different institutes run by K.K.Wagh Education Society, Nashik were present. He started the session with definition of dead stock. They have given information about various issues of Dead stock Management such as: General Instructions, Requirement (General/ Technical), Coding and Labeling, Maintenance, Missing, Scrap etc.

He gave some key points for dead stock management. He explained the action steps which require for dead stock management and how that must be carefully planned and followed throughout the year.



• Conduction of "Entrepreneurship Awareness Camp" by Information Technology Department:

Entrepreneurship is one of the successful paths that can be chosen for shaping the career of students and making them self-sufficient. Keeping this in mind, the Information Technology Department has been conducting a three Days "Entrepreneurship Awareness Camp" consecutively since last six years. This year also the camp was organized for the Final Year students of Electronics and Telecommunication and Electronics and Communication departments from 1st October 2015 to 3rd October 2015. Mr. Shivaji Narwade(Director, Monk Automation Pvt. Ltd and Monk Engineers Pvt.Ltd, Nashik) inaugurated the function. Prof.Mrs.V.R.Khapli (Principal, K.K.Wagh Women's Polytechnic) addressed the function and discussed about the importance of entrepreneurial education, taking it as the career option and also encouraged the students to actively participate in the sessions. Mr. Shivaji Narwade guided the students regarding setting up of the business and handling it efficiently. He also shared his personal experiences of business management. Then Mr.Sunil Chandak (Director,

Udyogwardhini) informed the students about the contents of the camp and overall design of the course. During the three days camp, Mr. Sunil Chandak (Director, Udyogwardhini) had discussed various concepts related to Entrepreneur, strategies for becoming an entrepreneur, how to prepare the project report, Government Schemes for Entrepreneur. Mr. Hemant Patil (Trainer, Udyogwardhini) had covered the topics of Entrepreneurial Personality Development, power to overcome our weaknesses, how to build positive attitude, knowing your strengths and weaknesses. He also dealt with Project report preparation, brief introduction of project, entrepreneur information and qualities. Mr. Ravindra Zope had given the information regarding PCB designing, contract manufacturing, and opportunities of Electronics in Government, Defense, Army, Railway and various fields. Mr. Sandeep Kuyate (Trainer, Udyogwardhini) guided the students regarding setup of the business and the opportunities for the students in hardware field. Mrs. Nalini Kulkarni (Amol Industries, Nashik) was the Chief Guest for valedictory function. She guided the students on choosing the path of entrepreneurship by sharing her own experiences, she also discussed about the hurdles in business management and how to overcome them. An Industrial Visit was conducted for the students to Shree Engineers, Nashik where by the students got an insight about the actual working environment. The students also shared their feedback regarding the workshop and the knowledge gained by them.



• Expert Lecture on “Yoga and Meditation”

The science department had organized an expert lecture on ‘Yoga and Meditation’ on 9th October 2015 for the Second and Final year students. Mrs.Nandini Pagare (Trainer,Yog VidyaDham) was invited as the speaker for the seminar. She motivated the students to undertake the best practices of yoga in order to deal with the day to day tensions. She also guided them regarding the shuddhi kriya, techniques of mediation, simple exercises to relieve stress and relaxation techniques. Some practical exercises were also conducted during the session which was enjoyed by the students. Lastly she also focused on the daily diet and intake of nutritious food for overall health balance.



• Expert Lecture on “Relational Database Management System”

The Department of Information Technology had organized an expert talk on “Relational Database Management System” on 1st October 2015. Mrs.Monali Bhandage(Database Administrator, Sungrace Infotech, Nashik) was invited as the Speaker for the seminar. She introduced the concepts of database, relational databases, management systems, SQL queries, PL/SQL programming, usage of them from industry perspective and also discussed about the projects she had worked upon.



• **Poster presentation and Elocution Competition**

The Central Vigilance Commission (CVC), the apex vigilance Institution of India. CVC observed “Vigilance Awareness Week” from 26th October to 31st October 2015, in order to create public awareness against corruption. The theme of the vigilance awareness week Was- Preventive Vigilance as a tool of good Governance.

Keeping in line with the views of CVC and as per the guidelines of AICTE, an Elocution competition and Poster presentation Competition was organized by the Science Department on 31st October at 10:00am in Vishwakarma Hall. Mr. M. D. Thorat, I/C H.O.D. of Science Department Welcomed the principal and Mr. G. B. Dabhade, judge for the Poster and Elocution Competition. The Principal Prof. Mrs. V.R. Khapli inaugurated the poster presentation competition and observed all posters along with HODs of all departments. In her address at the inauguration function of the Elocution competition Principal Prof. Mrs. Khapli stressed the importance truthfulness and values in life. The main objective behind the organization of the programme was to create awareness amongst students about the preventive vigilance and importance of high moral Values and strong character. All the students took pledge about not indulging in any sort of wrongdoing in their future. In addition to this all students saw the video posted on AICTE website about Vigilance awareness. Altogether Twelve students took part in In Poster presentation competition whereas In Elocution competition 6 students

participated. The Winners of the Poster presentation are as- First- Ayushi Thakur (FYEJ), second-Hemlata Ahire (FYCM), Third- Shalvi Kathe (FYIF). The winners of Elocution Competition are as- First- Pooja Gajera (FYCM), second- Akshda Bharade (FYEJ), Third- Akshada Pawar (FYIF). The Programme concluded with vote of thanks by Mr. P. B. Ranade.



• **Paper Published by the Staff**

Mrs.D.D.Pawar (Lecturer, Information Technology) published a paper Titled “Dealing with Vampire Attacks: A Survey” in International Journal of Scientific Research and Publications. The abstract for the same is :-

Abstract- *Wireless sensor networks are the widely used networks in case of research and persuasive computing. These networks consist of number of sensor nodes which collect data and send it to the data aggregator for further processing. The use of low powered and energy efficient devices for the collection of data is one of the requirements of these networks and thus energy management becomes an important part of them. One of the*

major issues related to security which is faced by these networks is that of vampire attacks. These attacks are launched by the adversaries in order to drain the energy from the network so as to create denial of services and abruptness. This paper focuses on vampire attacks, their effects on wireless sensor networks and finally also discusses about the modified clean state sensor network routing protocol which is one of the promising work to resist and protect against the vampire attacks.

Mrs. A. R. Kachole (Lecturer, Information Technology) published a paper Titled “Filter Wall : To prevent undesired messages posted on OSN user wall” in International Journal of Engineering Research and General Science. The abstract for the same is :-

Abstract- This paper is support for content based user preferences. It is possible to the use of a Machine Learning (ML) text categorization procedure able to automatically assign with each message a set of categories based on its content. The proposed approach is a key service for social networks where users have little control on the messages displayed on their walls. For Instance, Facebook allows users to state who is allowed to insert messages in their walls (i.e., friends, friends of friends, or defined groups of friends). However, no content-based preferences are supported. For instance, it is not possible to prevent political or vulgar messages. In contrast, by means of the proposed mechanism, a user can specify what contents should not be displayed on his/her wall, by specifying a set of filtering rules. Filtering rules are very flexible in terms of the filtering requirements they can support, in that they allow to specify filtering conditions based on user profiles, user relationships as well as the output of the ML categorization process. In addition, the system provides the support for user-defined blacklist management, that is, list of users that are temporarily prevented to post messages on a user wall.

Prof.Mrs.V.R.Khapli

Principal