

**Seminar/ Training/Workshop organized by institute**

K.K.Wagh Institute of Engineering Education & Research, Nashik arranged a "A Fire fighting Drill" for the Technical Assistants/Workshop Faculties and Security alongwith interested staff and students .The objective of this session is to make staff aware about Fire hazardous and First aid in the event of Fire and to provide hands on experience for using Fire Extinguishers.



This Fire fighting Drill is conducted by Mahindra & Mahindra team in our campus. He explains various situations and types of fires , how to avoid fire, symptoms before earthquake, precautions during earthquake ,first aid tablets,casualties due to poisons, how precautions can be taken during snake bite etc.



After theory session , M & M Personnels conducted practical session . He explains how fire extinguisher can be handled, precautions during fire, types of fire extinguishers etc. Demo of fire control was shown and was also experienced by many students as well as staff. Approx. 12 staff and 40 students attended this workshop

**Expert Lecture on "Future of Electronics "**



Third and Second year students at lecture on "Future of Electronics"

An expert lecture on "Future of Electronics" was organized by the department of Electronics and Telecommunication and Communication Engineering on 15<sup>th</sup> July 2015 for second and third year students. Mr. Mangesh Bhangе, Director of HRRDC, Nashik delivered a lecture to the students. Mr. Bhangе explained how the electronics important in day today life. He was giving some innovative ideas to third year students for their projects. He explained to students about how to generate innovative ideas, what are the different areas, how it should be implemented and many other things related to electronic project. He also focused on the mission of Digital India. In this way students got very beneficial information about how to implement the project and how to develop it. The seminar was very informative.

**Expert Lecture on "Digital India"**



Students of EJ/ET department at seminar on Digital India

Department of Electronics and Telecommunication and Communication Engineering had organized an expert lecture in association with IIPC for second year students on 10/07/2015. Ms. Kalyani Ghodake was the speaker. She started the seminar with

importance of advanced technology in our life. she guided to students how we can take a step toward our mission Digital India by providing knowledge to all citizens. In this way the seminar was very beneficial for students.

• **Expert Lecture on “Expectation of IT Industries from Freshers”:**

The Department of Computer Technology has organized an Expert Lecture on ‘Expectation of IT Industries from Freshers’ on Saturday, 04/06/2015. Ms. Trupti Chaudhari, System Engineer, Infosys, Pune, delivered a lecture to Second Year and Third Year Computer Technology students. Ms. Trupti explained selection criteria’s of national and multinational companies. She also explains the skills required for fresher’s and how to work hard to develop these skills. She also elaborated the selection criteria and selection steps like aptitude test, technical round, HR round in various companies. She explained the Eligibility criteria for various IT companies, How to prepare for Interviews and Aptitude tests, Various International IT companies and their work profile. She also given an idea about problems faced by fresher and how to solve them, how to study and perform practicals to develop the skills required by industry. She also added the information of Infosys Company and environment of polytechnic, engg.



College and IT companies. She guided the students about mini and major project development,



reference books and online websites for aptitude tests. She concluded with various sites for guidance

and names of popular IT industries and some questions-answers session. The students found the session very useful for their future carrier.

• **Expert Lecture on “Java and Android System”.**

An Expert lecture on “Java and Android System” was organized by the Department of Computer Technology on 09<sup>th</sup> July, 2015 for the students of Third Year Computer Technology & Information Technology. The Lecture was delivered by Mr. Gaurav Pathak, Managing Director, Scvence Technology, Pvt. Ltd. Nashik. In this session Mr. Gaurav Pathak has given the Introduction to java, various Java packages & technologies and introduction to Android. He also added how java can be used for android and Relationship between Java & Android. He guided students how to select project and how to develop projects using java and android. The Students get motivated by the guidance. They found the session very useful for their studies as there is a Java subject in their fifth semester.

• **Expert Lecture on “Object Oriented Java Programming”.**



• An Expert lecture on “Object Oriented Java Programming” was organized by the department of Computer Technology on 11<sup>th</sup> July, 2015 for the students of Third Year Computer Technology & Information Technology. The Lecture was delivered by Mr. D. R. Shirsath, Director, E-Galaxy Engg. Academy, Nasik. In this session Mr. D. R. Shirsath has explained the History of JAVA, Basic concepts of Java , Features of Java, applications of Java. He also focused on AWT, Components of Java, Swing, Applets, Servlets, connectivity using JDBC and JSP. At the end he guided about the Project development and implementation using Java and android. The Students get motivated by the guidance. They found the session very useful for their studies.





• **Expert Lecture on “Cyber Hygiene”.**

An Expert lecture on “Cyber Hygiene” was organized by the department of Computer Technology on 23rd July, 2015 for the students of Third Year and Second Year Computer Technology. The Lecture was delivered by Mr. Tanmay Dixit, Cyber Security Expert and Director, Center of Personality Assessment and Graphology (CPAG), Nashik. In this session Mr. Tanmay Dixit has explained about the cyber security and Need of Cyber Hygiene. He mainly focused on how to protect individual's online identity?, how to set strong password?, online account security and Socaill networking site security etc. He also explained the Cyber crime investigation, Technology laws in India, spoofing, Investigating wireless attacks etc. He also demonstrated about



Norton Safe web, IP investigation, digital forensic analysis and Steganography related to image spoofing. The Students understood the need of cyber hygiene. The session also developed the interest among the students to do the carrier in cyber security & digital forensic.

• **Expert Lecture on “Android Lollipop OS”:**

The Department of Computer Technology has organized an Expert Lecture on ‘Android Lollypop Operating system’, on 29/07/2015. Mr. Mayur Patil, Director, Logic Wave, Maurya Cravings Pvt. Ltd., Nashik, delivered a lecture to Second and Third Year Computer Technology students.

Mr. Mayur Patil introduced students about Lollipop version of Android operating system, what is

difference between Lollipop and Kitkat and other versions. He also elaborated on material design and page design. He explained the technological difference between IOS and Android OS. AT the end, he concluded with the scope of Android and related technologies for the development of Apps. The students found the session very useful and informative for their project development. The students asked questions to the expert to satisfy their querie

• **Industrial visits organized**

• **Industrial Visit to GMRT Station, Pune**



• TYEJ students at GMRT Station, Pune

• A study visit was organized by the department of Electronics and Telecommunication Engineering for Third year students at GMRT, Narayangaon, Pune on 17<sup>th</sup> July 2015. NCRA has set up a unique facility for radio astronomical research using the meter wavelengths range of the radio spectrum, known as the Giant Metrewave Radio Telescope(GMRT) , it is located at the site about 80 km north of Pune . GMRT consist of 30 fully steerable gigantic parabolic dishes of 45m diameter each spread over distance of upto 25km. Mr. Amit Rai is a technician at GMRT station. He was providing all above information about GMRT station to the students. Students also visited Shivneri fort located near Junnar and the temple of Lord Ganesha situated at Ozar. Shivneri is the birth place of Chatrapati Shivaji Maharaj and Vigneshwara Ganapati temple is one of the Ashtavinayaka temples. The visit proved very informative to students.

• **Industrial Visit to “The Center of Personality Assessment and Graphology (CPAG)”:**

An industrial visit to CPAG (The Center of Personality Assessment and Graphology), Nashik

was organized for the third year Computer Technology students on 15<sup>th</sup> July 2015. Mr. Tanmay Dixit, Director, CPAG, Nashik, given the introduction to Computer Security, Hacking, precautions to avoid hacking, Consequences after hacking and Information of Various Social websites. Mr. Tanmay also presented the live demonstration of Hacking and prevention of hacking of some educational and shopping websites using some tools. He also demonstrated the theft of personal information on social networking. The students get awared of cyber security, precautions to take and tools available for it.

#### • **GuruPurnima Celebration**

GuruPurnimaUtsav was celebrated by KKWPP on 31<sup>st</sup> July 2015 under ISTE students Chapter .Principal, Prof. V.R.Khapli shared her experiences with students .The students representative , Ms. JogeshwariTayade ,Ms. SarvankitaBhosale ,Ms. VaishnaviKhot,Ms. AtmajaDeshpandehave delivered speech on Guru Purnima. They expressed their respect towards their mother , father and teachers and also importance of Guru to success in our life .



#### **Abstract for selected papers.**

- Technical paper of Mrs.V.R.Khapli(Principal) is accepted for publication in international journal in April 15 and published in June 15. Details are given below.

Abstract:

Vector quantization (VQ) technique provides an effective codebook as representation of an image. This codebook is also very much useful as image feature from the view point of content based image retrieval (CBIR). Thus, designing an efficient codebook is the most important task in VQ. There are already several algorithms published on how to

generate a codebook. However these codebooks when used as feature vector for CBIR still lacks the effectiveness as far as retrieval accuracy is concerned. To improve the retrieval accuracy, more effective feature vector is needed. To extract effective features for improving CBIR performance, a two pass VQ (MVQ) based FV technique is proposed in this paper and tested on Wang's generic color image datasets. Also a novel framework for Multistage VQ (MSVQ) based CBIR using distortion value in every code vector is proposed for extracting effective FV. The proposed systems proved to be promising for improving retrieval accuracy for generic database search.

V R Khapli, A S Bhalchandra, "Multistage VQ based Feature Vector for Effective CBIR", GVIP Journal, ISSN: 1687-398X, Volume 15, Issue 1, ICGST, Delaware, USA, June 2015 (IF 13-14 : 1.511)

*Prof.Mrs.V.R.Khapli  
Principal*