

**MET's Institute of Engineering,
Department of MCA**

**FACULTY DEVELOPMENT PROGRAMME ON DIGITAL
FORENSIC & CYBER SECURITY CONDUCTED BY
DEPARTMENT OF MCA**



MCA department has conducted Faculty Development Program on Digital Forensics & Cyber Security on 5th May, 2015 to 9th May, 2015. The main purpose of this Faculty development Program is to get keen knowledge of Digital Forensics and Cyber security with hands-on practice by using various tools. This workshop was taken by **Mr. Paresh Chitnis, Director of CPAG, Nashik** and **Mr. Tanmay Dikshit, Nashik**.

Mr. Paresh Chitnis is a trainer and speaker on the subjects like Forensic Document Examination and fraud forgery investigation. He is a Graphologist and also delivers lectures on Digital Forensics. He has been a resource person for Digital Forensics workshops at Government Colleges and other institutions of Pune and Mumbai University. He has completed Masters in Chemistry from the reputed Dept of Chemistry, University of Pune. He is also a MBA from the reputed Dept of Management Science, University of Pune (PUMBA). Paresh Chitnis has completed graduation courses of Bachelor in Microbiology and Chemistry. He has worked for various organizations like CIPLA, Forbes Marshall, Camlin Pharma, Market Search etc. Presently he is the director at Centre for Personality Assessment and Graphology at Nashik. He has delivered seminars at Indian Medical Association, NIMA, NMA and MCCIA, IIT Mumbai and IIT Kanpur. He has been invited regularly as a trainer for the last four years at the Indian Armed Forces, Devlali.

Mr. Tanmay dikshit is handwriting & signature analyst, Certified Computer Forensic (US), Certified Cyber Crime Investigator (India), certified ethical hacker (USA).

He is a certified Trainer, Cyber security expert, digital forensic expert & competent to conduct seminars & workshops for info. Security, Comp & network security, internet threats & mob. Security & case study. He regularly trains Indian Army officers, Staff of detectives, advocates & cellular companies. He has been awarded as ‘‘Young IT achiever in field of Cyber Crime investigation & information Security’’. He has been also awarded by ‘‘State award & President Award by Government of India’’..

There were 46 participants participated in this faculty development program. This Faculty Development Program was divided into 5 days on Digital Forensics and cyber Security and it's various related concepts which were scheduled as follows-



Day1:-

This day session starts on 9.00am. Felicitation of Mr. Paresh Sir and Mr. Tanmay Sir was done by Dr. M. U. Kharat and Prof. A. D. Deogire respectively.

The session was divided into two parts- theory learning and practical implementation with hands-on experience. In first session, Digital Forensics and its types, email investigation, spoofing was explained by Mr. Paresh Sir. After lunch practical session was taken by Mr. Tanmay Sir by using various software for understanding how exactly emails spoofing and investigation is done. Case study based on 1st day content were solved successfully by all participants.

Day2:-

This day session started on 9.30am. The session was divided into two parts- theory learning and practical implementation with hands-on experience. In first session, penetration testing was learned in which ethical hacking, SQL Injection were taught by Mr. Paresh Sir which created interest among participant. After lunch, practical session was taken by Mr. Tanmay Sir by using various software for understanding how exactly penetration testing is done. Also, performed practicals based on ethical hacking and SQL Injection. Case study based on 2nd day content were solved successfully by all participants.

**Day 3:-**

The session was divided into two parts- theory learning and practical implementation with hands-on experience. In first session was having very interesting topic i.e. Forensics, in which image forensics & ISDF was taught by Mr. Paresh Sir. After lunch, practical session was taken by Mr. Tanmay Sir by using various software for understanding how exactly image forensics is done. Also, performed practicals based on image forensics. Case study based on 3rd day content were solved successfully by all participants.

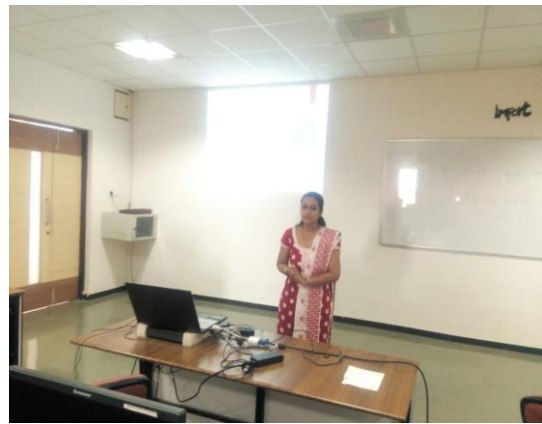
Day4:-

In this session, Forensics topic was continued with next sub-topic of it, i.e. Mobile forensics & Network Forensics, which were taught by Mr. Paresh Sir. After lunch, practical session was taken by Mr. Tanmay Sir by using various software for understanding how exactly Mobile forensics & Network Forensics is done. Also, performed practicals based on Mobile forensics & Network Forensics. Case study based on 4th day content were solved successfully by all participants.



Day5:-

On the 5th day of FDP, an industrial expert, Mr. Jambotkar was called as a guest by Mr. Paresh Chitnis who guided & created awareness about digital interface & forensics. After that, SN & S Apps Forensics was taught by Mr. Tanmay Sir. Case study was solved by participants and presentations were given by participants which was given as assignment to all.



After completing the session participants had given very good feedback about the session.

