



GANDHINAGAR INSTITUTE OF TECHNOLOGY

SUMMARY REPORT

ON

ETHICAL HACKING WORKSHOP

12th and 15th SEPTEMBER, 2014

In collaboration with

**Entrepreneur Cell (E-Cell)
And
Mobile & Wireless Technology Club (MWTC)**



Ethical hacking workshop which was jointly organized by Techdefence and Gandhinagar Institute of Technology under E-cell and MWTC Activities on the 12th and 15th September, 2014

The trainer of the workshop was **MR. SUNNY VAGHELA**

About E-cell (Entrepreneurship cell):

E-cell was established in 2013 at GIT. The Entrepreneurship Cell is a non-profit organization run by the students of GIT that aims to foster the spirit of entrepreneurship amongst the students. We at E-Cell hosts various workshops, speaker sessions, innovative technical and non-technical games, competitions for aspiring entrepreneurs and support them by providing necessary resources such as venture seed funding, mentoring, consultancy and networking. Under E-cell activity different activities like Flash Venture, Entrepreneur Life story, Business Model Canvas, Marketing Tools & Design, Tech Tools & Learning skills and Workshop related to Ideation were conducted. At GIT, we've constantly strived to get the best out of our students through various curricular, as well as co-curricular activities. One such step towards this was taken by setting up our very own Entrepreneurship cell, or E-cell, which later on went on and became a student run club, the first of its kind in the GIT. Through E-cell, we aim to explore the tremendous entrepreneurial potential that lies in the students and their hunger for innovation.

About MWTC:

Following the directives issued by Gujarat Technological University (GTU), Gandhinagar Institute of Technology (GIT) has established Mobile & Wireless Technology Club (MWTC). Under the able patronage of Dr N M Bhatt; Director, GIT MWTC is engaged and promoting many more projects and activities related with the field of Wireless Communications, Mobile Computing, Web Content Development, Android Applications Development etc. Recently "GIT App" was developed & launched by the final year students of Computer Engineering which provides all the useful information related to Gandhinagar Institute of Technology. One more application which provides detailed Weather Information is developed by Mr. Vikas Roy, final year student of EC branch. Two days Workshop on Android Application Development was also organized and almost 70 students from EC/CE/IT branch participated in the workshop. Prof. Hardik Bhatt of EC Department is the faculty coordinator of MWTC. Several informative sessions, Talk shows, and project related with website development, cloud computing, etc. are also in the pipeline. MWTC @ GIT works actively with Mobile Monday Club. 6-7 faculties from EC/CE/IT Department and 15-16 students from final & pre-final year are actively involved in various activities carried out by MWTC.

About The Speaker:

Sunny Vaghela is a 23 year old renowned Ethical Hacker & has a wide experience in the field of Ethical Hacking, Cyber Crime Investigation & Forensics. At the age of 18, Sunny found many loopholes in SMS & VoIP Technology. At 19, Sunny had found loopholes like "Session Hijacking" & "Cross Site Scripting" in popular social networking website orkut.com.

At 20, He had solved more than 16 Cyber Crime cases in association with Crime Branch, Ahmedabad. Sunny Vaghela has also been awarded the Rajiv Gandhi Young Achievers Award as an IT Expert of the state of Gujarat. He has trained professionals from many reputed Companies like Google, Yahoo!, ISACA, Temenos, ZOHO, Deloitte, K7 Antivirus, TCS, HCL, Sify and many Banks of India.

Objective: - The whole event was organized to cultivate the level of the students in the field of Hacking and to alert about internet and cyber attacks.

Workshop Contents:-

- Google Hacking
- Cyber Law
- Information Scanning
- Email Hacking
- Network Hacking
- Buffer Overflow
- Mobile Hacking
- Wireless Hacking
- Cyber Crime Investigation
- Application Hacking
- Metasploit
- Reverse Engineering

Workshop Highlights:-

- Hands on Demonstration of Latest Hacking Techniques & tools.
- Hands on Investigation Demonstration of various cases solved by Sunny Vaghela.
- Personal Interaction with Sunny Vaghela and Hands on Practice Sessions
- Ethical Hacking Toolkit (Includes PowerPoint Presentations, Tools, Ebooks).

Workshop aspects:-

Two days Ethical Hacking Workshop with a special attraction of Mobile Hacking was conducted for 140 students. On the first day of workshop, various sessions was conducted on Concept of Hacking, Various Attacks on E-mail, Different Trojans and Viruses, Targeting Web applications, Reverse Engineering, Benefits for Security and Marketability of this new technology. On the next day various sessions was conducted about the next level of Ethical Hacking's concepts such as Virtualization, Mobile & VOIP. Hacking, Wireless and Windows Hacking. Also special session carried out on the other side of Hacking and discussed various Cyber Laws. Free – Ethical Hacking & Information Security Software Tool Kit was given to each student attending the workshop. Certificates of Certified Ethical Hacking Expert- Level 1 were given to

participants of the workshop from TechDefence and Gandhinagar Institute of Technology. Certificates and recommendation letter was given to the coordinators of the workshop from TechDefence. At the end of the workshop, course worth INR 15000 was offered to one of the participant of the workshop.

Participant's Feedback: -

Responses from participants were very overwhelmed and they were inquiring about 2nd level workshop.



Stills from Workshop: -



Problem Solving Session with Sunny Vaghela



Group photo of participants, co-ordinator and speaker of workshop at GIT premises



Faculty and Student Co-ordinators with Speaker