

Workshop on
“Open Stack and Network Security”

Organized by
GTU & C-DAC on 25th Jan 2014

Gujarat Technological University (GTU) and C-DAC has a good innovative idea to conducting the M.E. programs with the industry collaboration and the learning process will be in the practical and research orientation.

Gujarat Technological University (GTU) & C-DAC jointly organized a one-day workshop on “**Open Stack and Network Security**”, for Information Security Experts, IT Professionals, Professors and Research Students.

The workshop was held at Gujarat Technological University, Gandhinagar on 25 Jan 2014.

HIGHLIGHTS OF WORKSHOP:

The event was inaugurated by **Mrs. Usha Banker**, Deputy Director, GTU welcome all guest of honor **Dr. Akshai Aggarwal**, Vice Chancellor, GTU and **Dr. G P Vadodariya**, I/C Registrar, GTU and **Shri T P Singh**, Director of Bhaskaracharya Institute for Space Applications and Geo-informatics[BISAG], Gandhinagar with floral welcome to keynote speakers followed by lighting lamp.



Lighting Lamp

A delightful beginning was made by **Dr. G P Vadodariya, I/C Registrar, GTU** with his motivational speech for students and faculties. He made focus on current technology available for Cloud Computing and also encourage the students for carrying out research work on Cloud Computing and Network Security.

A motivational speech for participants was given by **Shri T P Singh**, Director of Bhaskaracharya Institute for Space Applications and Geo-informatics, Gandhinagar to utilize the resources provided by each college and governments. He explains the participant's importance of hardworking for developing the nation.



Dr. G P Vadodariya



Shri. T P Singh

Honorable Vice Chancellor of GTU, **Dr. Akshai Aggarwal** addressed the participants to develop a spirit of collaboration, compete with the world to develop new products and does a research work. He explained the participants about having discipline in our daily work and encourages them to work for country. Also **Honorable Vice-Chancellor, Dr. Akshai Aggarwal, GTU** addressed the participants with his inspiring words that, **GTU & C-DAC** together attempt to develop a spirit of collaboration, competition, and team-building through a series of unmatched events and activities. This workshop was the step forward in the same direction. He laid emphasis on the hacker's activities over the network & internet. He made brief remarks about the importance study of Cloud Computing and Cyber security.



Honorable Vice-Chancellor, Dr. Akshai Aggarwal, GTU.

Then **Mrs. Usha Bankar** invited two keynote Speakers **Mr. Deep Patel** and **Mr. Kaushal Bhavsar** to start the session. Both the keynote speakers presented their thoughts and made participants aware about basics of Openstack and Network Security. The Workshop was concluded with presenting ward of thanks to the keynote speakers followed by certificate distribution to the Participants.

TECHNICAL SESSIONS FROM KEYNOTE SPEAKERS:

TECHNICAL SESSION - I “Open Stack”

The first Technical Session was started by **Mr. Deep Patel, Co founder of Code Logic, Ahmedabad**. He is Technical Instructor with 12 years broad technical and training experience in Linux and open source technologies. Passionate about delivering solutions and training based on open source technologies, mainly Red Hat Enterprise Linux and other Unix/Linux flavors. He shared his experience and raised awareness of the importance of Openstack. He made participants aware about myths of Cloud Computing with some examples. He explained Introduction of Virtualization & Cloud Computing, Why **Open Stack**, Future of Open Stack, Projects on OpenStack, Installation of OpenStack, and Demonstration of different projects on Open stack. He also explained to produce the ubiquitous Open Source Cloud Computing platform that will meet the needs of public and private clouds regardless of size, by being simple to implement and massively scalable. He gave live demo about how to install Open Stack and how to implement in real time environment.



Mr. Deep Patel

TECHNICAL SESSION – II “Network Security”

The second Technical Session was by **Mr. Kaushal Bhavsar, Founder and CEO of Pratikar Technologies**. He started with simple definition of Cyber Security. He introduced basics of Network Security, penetration testing on network and how to attack on computer system in network. He talked about Penetration testing on Network Security. He explained participants about vulnerability and authentication of computer system with some case studies. His session included cyber crime offences like accessing electronic systems for dishonest purpose, Illegal system interference, Attempts or Produces, sells, procures for use, imports, distributes or makes available Illegal devices, Making, selling, distributing or possessing software for committing a crime, Identity Fraud – that is using of another person’s identity to commit a crime electronically, Forgery of electronic data, the illegal use of unwanted multiple electronic messages with intent to deceive or mislead users of an electronic system, Solicitation of children, Child Pornography, Harassment utilizing means of electronic communication, Offences related to using mobile phones to text or send indecent video clips or private video clips etc. He shared his knowledge & experience on “How to be safe with Social Media”.



Faculty and Students in Conference room

Report presented by:
Asst. Prof. Bhadreshsinh Gohil And Asst. Prof. Kinjal Dave and CDAC-GTU Team
GTU PG School,
Ahmedabad