



Gujarat Technological University



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SVNIT, Surat

Faculty Development Program On Cyber Security

Gujarat Technological University PG Research Centre in Cyber Security organizes various awareness activities on regular basis for Student and Faculty and research activities in the area of Cyber Security and information Security. GTU announces Faculty development program under ISEA Phase-II in association with SVNIT, Surat from **8th Oct, 2016 to 12th Oct, 2016**. This faculty development programme (FDP) is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects on cyber / information security.



Who Can Participate?

The FDP is open for the faculty of Engineering colleges and MCA colleges.

Selection Criteria:

Selection will be done based on first-cum-first-serve basis (along-with matching background/interests) and the confirmed candidates will be notified. The maximum number of participants will be 70.

How to Register?

Faculty interested in participate this FDP can register themselves at the following link before: -
3rd Oct, 2016.

<https://docs.google.com/forms/d/e/1FAIpQLSff5Ytq24EBpB09-MBSdrwEnOnjNacW0JO2oGdJsfFCM8O8A/viewform>

- Faculty will receive confirmation on **5th Oct, 2016** on their registered e-mail id.
- Faculty once registered have to attend all FDP sessions.
- Participants have to make stay/accommodation by own and No TA/DA provided by University.

Schedule

Date	10:00 – 11:30 Hrs	11:30-13:00 Hrs	14:00-15:30 Hrs	15:45-17:00 Hrs
8 th Oct, 2016	Registration, Introduction	Classical Cryptography	Mathematical Background	Mathematical Background – II, Block Ciphers
9 th Oct, 2016	Authentication & Identity Management	Symmetric Key Cryptography (SKC) and Modern Encryption Techniques	Public key cryptography (PKC)	Stream Ciphers and Cipher modes of operations
10 th Oct, 2016	Data integrity and Error detection	Cryptographic Hash Functions	Biometrics	Application Security – I
11 th Oct, 2016	Non repudiation and Digital Certificates	Network/Web Security – I, SSL, TLS, Firewall	Network Security – II, IDS, Honey pot	Cyber Forensics
12 th Oct, 2016	Application Security - II	Vulnerability Assessment	Side Channel Attacks	Closing

Tea breaks – 09:30 to 10:00 and 03:30 to 03:45; **Lunch break** – 01:00 to 02:00 everyday

About Experts:

1. Prof. Bharat Buddhadev, SSEC
2. Dr. Parvez Faruki, SSEC
3. Dr. Dhiren Patel, SVNIT
4. Dr. Manoj Gaur, MNIT, Jaipur
5. Dr. Bhavesh Borisaniya, SSEC
6. Dr. Sankita Patel, SVNIT
7. Dr. Parag Rughani, GFSU
8. Prof. Darshan Patel, GTU

Management Committee:

Cheif Patron: Dr. Rajul K. Gajjar, Hon. Vice Chancellor, GTU

Patron: Dr. J. C. Lilani, Registrar, GTU

Convener: Prof. Bharat Buddhadev & Dr. Dhiren Patel

Coordinators: Darshan Patel, Assistant Professor, GTU & Bhadreshsinh Gohil, Assistant Professor, GTU

Venue: A-2 Conference Hall, Gujarat Technological University, Chandkheda, Ahmedabad-382424

For any query you may contact:

1. Mr. Darshan Patel (Asst. Prof) (ap_darshan@gtu.edu.in)
2. Mr. Bhadreshsinh Gohil (Asst. Prof) (bhadresh-wimc@gtu.edu.in)

I/C Registrar