Faculty Development Training Programme
On
Cryptography & Security
24th to 30th June 2013

Sponsored by
Centre for Faculty Development
Anna University, Chennai-25

Organized by
Department of
Computer Science & Engineering
CEG, Campus, Anna University
Chennai – 600 025

Co-Ordinators
Dr. K.Selvamani
Dr. K.Vidya

About the Institute
Anna University is a leading technical University in India located at Chennai. It was established on 4th September 1978 as unitary type of university. Anna University is a member of the Association of Indian Universities, the Association of Common Wealth Universities and partner of UNESCO International Centre for Engineering Education (UICEE). UGC has accredited the university with five star status in 2002 which is the highest rating.

About the Department
Department of Computer Science and Engineering (DCSE) formerly known as School of Computer Science and Engineering were carved out of the School of Electronics and Communication Engineering in September 1987. DCSE function as one of the University Department having academic autonomy of having its own syllabus and curriculum. It offers undergraduate, postgraduate and research programmes in various disciplines of Computer Science & Engineering.

The Department imparts world class training, research and provides state of the art computing facilities to the students. It also promotes active industry-institute collaboration by identifying areas of interest and taking part in sponsored research projects and consultancy services.

Some of the major research areas which the faculty members and students working on are Networks, Database, Theoretical Computer Science, Multimedia, Image Processing, Software Engineering and Data Mining.

Programme Objective
✓ To train the participants in the concept of Conventional Encryption, Public Key Encryption, Number Theory, Authentication and Hash functions, Network Security Tools and Applications and System Level Security.
✓ To introduce the concepts with numerous examples in order to have better experience and in-depth knowledge.
✓ To develop and enhance the theoretical and analytical skills in solving numerous problems.

Course Coverage
The following topics will be covered:
✓ Introduction to Attacks and Services, Basic Number Theory, Modular Exponentiation, Continued Fractions and Finite fields.
✓ Modes of Operations, Triple DES, AES, RC4 and RSA
✓ Diffie-Hellman Key Exchange, ECC, MAC, ElGamal Public key cryptosystems.
✓ Hash functions, MD5, Digital signatures
Speakers
Experienced faculty members of Anna University, IIT’s and industries will deliver the lectures.

Registration Fee
There is no registration fee for the training programme. The number of participants is restricted to 25 only. Participants are selected on first come first serve basis and will be intimated through e-mail. No TA and DA will be given.

Important Dates
Last date for receiving application (By e-mail or post) : 18.06.2013
Intimation of selection: 19.06.2013

Mailing Address
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REGISTRATION FORM
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1. Name:
2. Age & DOB:
3. Designation:
4. Educational Qualification:
5. Teaching Experience:
6. Institution:
7. Address for Communication:
8. E-mail ID:
9. Mobile Number:

Signature of the Applicant

Declaration
The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDTP. If selected, I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the Co-Ordinator in advance in case of inability to attend the programme.

Date:
Place:

SPONSORSHIP
Mr./Ms./Dr. ___________________________ is an employee of our college/ institution and is hereby sponsored for the above FDTP. He/She will be permitted to attend the programme, if selected.

Date:
Place:

Signature & Seal of the Sponsoring Authority