Faculty Development Training Programme on
ENGINEERING MATHEMATICS II
JANUARY 3 – JANUARY 10, 2013

Sponsored by
Centre for Faculty Development
Anna University, Chennai

Organised by
Department of Mathematics
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ABOUT THE DEPARTMENT

The Department of Mathematics is one of the largest units of Anna University with a faculty strength of 35, catering to the needs of the Under-Graduate and Post-Graduate programmes in Science, Engineering and Technology. In 1975, the Department started an exclusive M.Sc. programme in Mathematics and in 1979, it introduced research programmes leading to M.Phil and Ph.D degrees in Mathematics. Five-year Integrated M.Sc Programmes in Computer Science and Information Technology are being offered since 2001. The major objectives of the Department are

- to provide strong Mathematical background to Engineering Graduates to cope up with the needs of emerging technology at National and International levels;
- to provide basic and advanced skills to students in Computer Science & Information Technology enabling self-reliance and excellence in capabilities;
- to popularize and project the scope of Mathematics and Computer Science in proper perspective thereby enabling young talents to take up research in Mathematics and Computer Science.

Apart from regular teaching, the Department is actively involved in research activities in diverse areas, developing e-learning lectures through EDUSAT and Web Contents. Every year the Department conducts Ramanujan Endowment Lecture around 22nd of December in which eminent Mathematicians are invited. Periodically, the Department of Mathematics conducts National/International Conferences/ Workshops on various topics of Mathematics.

PROGRAMME HIGHLIGHTS

- To equip the participants in handling the Mathematical concepts with confidence and clarity.
- To introduce the subject in the proper perspective by bridging the gap with necessary prerequisites.
- To provide a strong foundation to the various concepts through illustrative examples and interesting applications.
- To provide in-depth understanding of certain hardcore topics followed by sessions on problem solving methodologies.
- To motivate various research directions through special lectures on research oriented topics.

COURSE COVERAGE

The following topics will be covered:

- Ordinary Differential Equations
- Vector Calculus
- Analytic Functions
- Complex Integration
- Laplace Transform
Eminent speakers from Anna University, IIT and other premier institutions who have ample teaching experience and who have handled the course several times will deliver the lectures.

There is no course fee for the selected faculty from affiliated colleges of Anna University. Registration form can be downloaded from the website. No TA/DA will be provided. Participants need to make own arrangements for their accommodation. The coordinator’s decision is final in the selection process.

Last date for Receiving application (by e-mail or post) : 26.12.2012

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 coordinator in advance in case of inability to attend the programme.

Date: Place:

Mr./Ms./Dr. _____________________________ is an employee of our Institute/organization and is hereby sponsored for the above FDTP. He/She will be permitted to attend the program, if selected.

Date: Place:

* Selection will be intimated through e-mail