BENEFITS
- Learn & interact with renowned Academic Experts.
- Covers all the basics of Electromagnet Fields.
- Receive an unparalleled education on EMF.
- Real time & Recent applications will be given.
- Hands on Experience and Industrial exposure.

HOW TO REACH ACT?

From Navalur to College - 3 Kms

LAST DATE FOR REGISTRATION

Completed application form shall be sent to the Coordinator on or before 9th December 2014. Participants may be selected on first come first serve basis. Participants are restricted to 20.

Important Note:
- Participants may use our college transport from various places around Chennai.
- Accommodation will be provided on request.
- Snacks and lunch will be provided.
ABOUT THE INSTITUTION
Agni College of Technology was established in the year 2001, with a view to promote technical education for the students. The Management nurtures the college to a multi-dimensional growth. The college is approved by All India Council for Technical Education (AICTE) and affiliated to Anna University, Chennai and ISO 9001:2000 certified.

Agni College of Technology offers eight UG and seven PG Programmes in Engineering, Technology, Management and Computer Applications. Three UG courses are accredited by National Board of Accreditation (NBA). The college adds value to the education by enabling constant interaction with industries. The college inculcates a spirit of learning and discipline by offering a wide array of facilities to its students.

ABOUT THE DEPARTMENT
The Department of Electronics and Communication Engineering was started in the year 2001. The department has qualified faculty members with excellent academic records. The department, with the goal of developing effective Engineers, focuses on the overall traits of the students by helping them to realize their skills and potentials by organizing various Programmes to achieve this goal. The department is successfully functioning in an independent wing with well-equipped laboratories. The department has been accredited by National Board of Accreditation (NBA). The department has successfully initiated IETE student forum for the students to know and update the recent trends.

THEME OF THE SEMINAR
The objective of this FDTP is to present how the Electromagnetic field concepts can be applied to analyse the performance of antenna and mobiles by hands on training.

Electromagnetic theory is the fast growing segment of the communication industry. Mobiles and Antennas are the major components in the revolution of wireless communication.

Electromagnetic fields are all around us and in everyday life, we are all exposed to EMFs from a variety of sources. As an electronics engineer we have to know the natural sources such as the Earth’s magnetic field and sunlight that contains visible, infrared and ultraviolet frequencies. And also to know how the mobile technology is related with the electromagnetic fields.

TECHNICAL PRESENTATIONS
- Static electric field
- Electromagnetic considerations in antenna and Antenna Characteristics
- Calculation of potential differences
- Gauss law and its applications
- Coaxial and Spherical capacitors
- Application of Poisson’s & Laplace’s equations
- Static magnetic fields
- Time varying fields and Maxwell's equation
- Conductors and dielectrics
- Theorems and laws

RESOURCE PERSONS
- Experienced Engineers in the domain of Electromagnetic Fields from leading Industries and Research Centers.
- Professionals from various reputed Institutions.

ORGANIZING COMMITTEE
CHIEF PATRON:
Prof. Dr. M. Rajaram
Vice Chancellor
Anna University, Chennai.

PATRON:
Dr. S. Ganesan
Registrar
Anna University, Chennai

CHAIR:
Dr. D. Mohan
Director, CFD
Dr. D. Sridharan
Addl. Director, CFD

CO-ORDINATORS:
Dr. P. Gnanasivam
Head, Dept. of ECE
Mr. M. Yuvaraj
Assistant Professor, ECE

VENUE:
AV HALL, Bhavani Reference Point. Agni College of Technology.

IMPORTANT DATES:
Last Date for Submission of Application : 09-12-14
Intimation of Selection : 10-12-14
Confirmation by Participants : 11-12-14