## Coordinators

Jyoti Sadalge
Assistant Professor of E&TC Engineering,

Shantanu Jagdale
Assistant Professor ofE&TC Engineering,
**Mobile : 9422403881**

## How to Apply

Those wishing to attend this course should register online at http://www.vpcoe.org

**Enrollment will be strictly online, and no other mode of application will be entertained. The last date for enrollment is 27th June 2013**

## Duration & Venue

The duration of the CEP is of two days. The CEP will be conducted during 29th and 30th June 2013. The sessions of programme will be held at Conference hall of Vidya Pratishthan's College of Engineering, Baramati.

## Accommodation

Accommodation on sharing basis is available in institute guest house /hostel for limited number of participants on an advance request & payment.

## Address for Communication

Vikas Deshmukh
Assistant Professor and Head,
Department of E&TCEngineering.
Vidya Pratishthan's College of Engineering,
Vidyanagri, Bhigwan Road, Baramati. Pin-413133
Contact-(02112) 239525 Email- remoteiitb.vpcoe@gmail.com

Two Days Short Term Course

On

# "Antennas and Arrays"

By

**Dr. Mahesh P Abegaonkar**
(Assistant Professor, Center for Applied Research in Electronics, IIT Delhi)

**29-30 June, 2013**

**Organized by**

Department of E&TC Engineering

**VIDYA PRATISTHAN'S**
**COLLEGE OF ENGINEERING**
Vidyanagri, Bhigwan Road, Baramati.
Contact- (02112) 239503 Email- principal@vpcoe.org
Web www.vpcoe.org

## VPCOE, Baramati

VPCOE has student centered institutional development as a motto and committed to pursue academic excellence to develop a student with comprehensive technical knowledge and integrated personality.

VPCOE has been certified for **ISO 9001:2000** .The institute has excellent infrastructure, friendly clean environment, well equipped modern Labs, and dedicated staff,

VPCOE is a Remote Center of IIT Bombay and IIT Khargpur under the National Mission on Education through ICT (MHRD, Govt. of India), through which fifteen workshop and five CEP's were organized during last academic year. Around 2000 students and faculty members of VPCOE & Surrounding institutes were benefited from these workshops.

## Centre for Applied Research in Electronics, IIT Delhi

The Centre for Applied Research in Electronics was established in 1971 with the main objective of providing focus to coordinated research and training in specialized areas in Electronics. Since its inception, the Centre has concentrated its R&D programs in three specific areas of Applied Electronics namely, Microwaves, Signal Processing and Microelectronics.

The Centre has completed several major sponsored projects in these areas leading to technology development, know-how transfer to user agencies and national recognition.
Website: http://care.iitd.ac.in/centre.html

## About Resource Person

Dr.Mahesh completed his M.Sc. in Physics from BAM University, Aurangabad, Maharashtra in 1995 and Ph.D. in Physics from Department of Physics, University of Pune, Pune, Maharashtra in 2002. He has worked with Kyungpook National University, Daegu, South Korea as a Post-Doctoral Researcher and Assistant Professor during2002-2004. He joined CARE, IIT Delhi as an Assistant Professor in Feb. 2005

## Course Contents

This Program basically focuses on fundamentals of **"Antennas and Arrays".**

- Introduction to antennas and basic parameters
- Wire antennas
- Aperture Antennas
- Microstrip Antennas
- Antenna Arrays
- Approximation algorithms
- Parallel algorithms
- Randomized Algorithms.
- Some practical simulation using CST Microwave Studio

## Who May Benefit

This workshop is meant for students, faculty members & Industry persons.

## Course Fee

Course Fee: Rs 500/- (PG Students, Faculties)
Rs. 1000/- (Industry Persons)
The outstation participants have to pay for their food and accommodation.

**Demand draft for fee drawn in favour of "V. P. College of Engineering, Baramati (A/c)" payable at Baramati**