SPONSORSHIP CERTIFICATE

Ms/Mr/Dr/Prof__________________________
_____________________________________
is a bonafide faculty member of our college,
in the Department of _________________
_____________________________________
He/She is sponsored to attend this training
programme.

Date:

Signature of the Principal
(with seal)

Address for Communication:
The Coordinator,
FDP on Digital Control System ,
Dept. of Instrumentation Engg.,
MIT campus, Anna University
Chromepet, Chennai - 600 044.

Ph : 044-22516036
Email: gvkovind@yahoo.co.in

RESOURCES PERSONS
Faculty from Anna University, IIT, NIT
and experts from industries.

REGISTRATION
There is no course fee for the training
programme for faculty members. The
participants shall preferably be the faculty
members of E&I and I&C Departments.
Note: The number of participants is limited
to 25. The selection will be on first cum first
serve basis. No T.A and D.A will be given.

IMPORTANT DATES
Last date for receipt
of application : 25.11.2013
Intimation of acceptance : 27.11.2013
(By Email only)

Venue
Dept. of Instrumentation Engineering
Madras Institute of Technology Campus
Anna University, Chromepet - 44.

Faculty Development Programme
on
IC2401- Digital Control System
2nd - 8th December 2013

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

Organised by
Dept. of Instrumentation Engg.,
MIT Campus, Anna University

Coordinators
Dr. N. PAPPA
Associate Professor

Dr. S. SUTHA
Assistant Professor

Mr. V.GOVINDAN
Teaching Fellow
INTRODUCTION
Rapid advances in digital system technology have radically altered the control system design options. The advances in digital implementation and design capability can be obtained at low cost because of the widespread availability of inexpensive and powerful digital computers and their related devices. For many industrial processes, improved process control can be achieved by the implementation of more sophisticated control algorithms on digital computers.

PROGRAM OBJECTIVE
The objective of this FDP is to make the participants acquire a fundamental understanding of Digital Control Systems and their design. This training program will enable the participants to get hands-on training in practical implementation of theoretical concepts of Digital Control System both in simulation and in real time. Recent developments and research in Digital Control System will also be covered.

COURSE COVERAGE
Introduction to system analysis and controller synthesis for discrete time systems.
- Computer control system
- Signal processing in digital control system
- Modeling of discrete time systems
- State variable analysis of digital control system
- Design of digital controller

ABOUT THE DEPARTMENT
The Department of Instrumentation Engineering is the pioneer in India to start a programme in Instrumentation Engineering in the year of 1949. It offers UG programme in Electronics and Instrumentation Engineering, PG programme in Instrumentation Engineering and MS(by research) / Ph.D programmes for both regular and part-time scholars. The Department has unique recognition as DST-FIST sponsored Department. A new state-of-the-art Field bus Laboratory first of its kind in an educational institution has been established. The Department has modern and well equipped Process Control Laboratory with test rigs including three tank, four tank, conical tank, pH process, heat exchanger, etc., to carry out real time studies.

REGISTRATION FORM
Faculty Development Programme on IC2401- DIGITAL CONTROL SYSTEM
2nd - 8th December 2013

1. Name :
2. Designation :
3. Qualification :
   (Degree, Specialization)
4. Age & Sex
5. Experience :
6. Institution :
7. Address for Communication :
   Phone : (O)
   : (R)
   Mobile :
   E-mail :

Signature of the applicant