

### **Communication**

#### **The Coordinators**

One day workshop on  
Digital Transmission for  
Hybrid Fiber Coax Networks,  
Department of Electronics Engineering  
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### **Organizing Committee**

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**Dr.M.Rajaram**

Vice- Chancellor, Anna University

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#### **Convener**

**Dr.M.Kannan**

Head, Dept of Electronics Engg.  
MIT Campus, Anna University

## **One day Workshop on Digital Transmission For Hybrid Fiber Coax (HFC) Networks**

**19 September 2015**

#### **Coordinators**

**Dr.M.Ganesh Madhan**

**Dr.S.Piramasubramanian**



Organised by  
**Department of Electronics Engineering**  
**MIT Campus, Anna University**  
**Chromepet,**  
**Chennai 600 044 Tamil Nadu, India**

### About the Department

The department of Electronics Engineering established in the year 1949, has its core strength in the leading areas of Electronics and communication technology. This is the largest department of the MIT Campus of Anna University, which has about 40 faculty members serving about 750 undergraduate and 120 post graduate students. Further, 100 research scholars are pursuing their Ph.D program. The department is supported by DST and UGC, Govt of India. The Department is carrying out research in the areas of communication network, wireless communication, Network security, sensor networks, optical communication, signal and image processing, VLSI and embedded systems. The department has collaborative partners from academia and industry, both locally and worldwide.

### About the Workshop

Today's broadband networks cater to the need of internet, voice and digital video transmission. Hybrid Fiber coax (HFC) networks are popular and mainly used for digital and analog video transmission. Recent developments have enabled such network for cost effective internet data transmission. This workshop aims to train the participants in the digital transmission formats and issues related

to quality of signal delivery to the subscribers.

### Target Audience

Network providers, Practicing Engineers, MSO, Technicians and Entrepreneurs

**Registration Fee: Rs.500/-** per participant.

The Demand Draft (DD) should be drawn in favor of "**The Dean, MIT Campus, Anna University, Chennai – 600 044**", payable at Chennai.

### Important Dates

Last date for submission of registration form along with DD: **12.9.2015**

Selection Intimation: **14.9.2015**

Confirmation from Participants: **16.9.2015**

### Note:

- ▶ Number of Participants restricted to 60
- ▶ First come first served basis
- ▶ Accommodation will not be provided

### Resource persons

Faculty from Anna University and experts from industry

### Course outline

Digital Modulation formats

Spectrum and signal parameters

Signal distribution through HFC networks

HFC product need for digital transmission

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### REGISTRATION FORM

1. Name:

2. Qualification

3. Designation: Technician / Network operator / Engineer / MSO / Entrepreneur

4. Communication Address

5. Phone

6. Email id

### Declaration

I hereby declare that the given information are true to the best of my knowledge. If selected, I shall attend the entire workshop.

Place:

Date:

Signature of the participant.