

## REGISTRATION FORM

**Two Week AICTE Sponsored  
Staff Development Programme  
on  
Rural Communication :  
Challenges and Computation in  
Bandwidth Utilization  
R3CBU - 2012**

**07.05.2012 - 20.05.2012**

Name (in Block letters) :  
Designation :  
Degree & Specialization :  
Name of the Organization :  
Address for communication :  
Phone No. with STD Code :  
Mobile No :  
Email ID :  
Whether your intuition is approved by AICTE? Yes/No  
Accomodation Required : YES / NO  
Details of registration fee  
DD No :  
Amount :  
Bank :

Signature of the Applicant

**NOTE: More than one participant can be use  
the photo copy of this registration form**

## DECLARATION

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected I assure my presence for the entire session.

Place :

Date:

Signature of the Applicant

## SPONSORSHIP CERTIFICATE

Mr./Ms./Dr./Prof.....  
is an employee of our institution and is hereby sponsored. He /She will be permitted to attend the programme, if selected.

Date :

Office seal:



Head of the institution  
Signature with seal



# SCT



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on  
Rural Communication :  
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Bandwidth Utilization  
R3CBU – 2012**

**07.05.2012 - 20.05.2012**

Coordinator

**Dr. A.Pushparaghavan**  
Principal and Professor

Organized by

**Department of Electronics and  
Communication Engineering**



## **SELVAM COLLEGE OF TECHNOLOGY**

Approved by AICTE, Affiliated to Anna University of Technology, Coimbatore

ISO - 9001: 2008 Certified Institution

Salem Road (NH-7), Pappinacikenpatty (Po),

**Namakkal - 637 003. Tamilnadu.**

Phone: +91 4286 – 645602, ,

Fax: +91 4286-244186

Email: sctr3cbu2012@gmail.com

Mobile: 99422-31294, 99940 - 49574

Web site: www.selvamtech.com

## ABOUT THE INSTITUTION:

Selvam college of Technology, established in the year of 2006 by V. Ponnusamy educational and charitable Trust which is founded by Dr.P.Selvaraj, Chairman of the trust. Equipped with latest facilities and excellent infrastructures, the college offers under graduate programmes (B.E - CSE, ECE, EEE, IT & Mech) and post graduate programmes (M.E – CSE, MBA & MCA) in the discipline of engineering and technology. The college is working with a team of highly qualified and experienced faculty members towards producing self confident employable engineers.

## ABOUT THE DEPARTMENT:

- The Department of Electronics and Engineering was started in the year 2006
- Various specialized in the area of optical and microwave, RF, Embedded and DSP, electronic circuits and system design.
- Collaboration with leading hardware and software industries
- Extended 1 Mbps to 6 Mbps internet connectivity and well modernized computer labs/core subject labs.
- Highly experienced faculty members with different specialization.
- Motivated to organize many faculty members and students like workshop, seminar, special technical lectures.
- Motivated to attend many faculty members and students like AICTE, ISTE, IEEE and IETE sponsored conferences .

## OBJECTIVE OF SDP:

The aim of the SDP is to provide for every faculty to know in-depth and update the current advanced technologies and applications for the rural communication as well as bandwidth utilization both rural and urban areas.

## TOPICS TO BE COVERED

- *Introduction and comparative analysis on rural/urban communication.*
- *Challenges and issues in broadband communication network for rural applications.*
- *Advanced 3G and beyond 4G.*
- *Wireless communication networks protocols and issues.*
- *Routing and switching Networks*
- *OFDM Transceiver design.*
- *Limitations and issues of wired and wireless/Microwave link via satellite.*
- *TDM, CDM, WDM/DWDM and OFDM Multiplexing techniques.*
- *Wireless Sensor Networks*
- *Video streaming Process Technique*
- *Optical Network support for Wi-Fi, WiMAX bandwidth for future rural communication.*
- *Active and Passive optical networks.*
- *Optical signal processing techniques.*
- *Bandwidth utilization and its computation.*
- *Research panel discussion on R3CBU*

## RESOURCE PERSONS

Experts from IIT's, IISc, NIT's, AU Chennai, AUT-Coimbatore, PEC-Pondicherry and Reputed MNC Industries.

## ELIGIBILITY:

Faculty from AICTE approved Institutions and Industries with relevant background in ECE/EEE/CSE/IT/EIE/ICE branches are eligible for the programme.

## TRANSPORT AND ACCOMMODATION:

TA/DA will be provided. Accommodation will be based on First come first serve basis and prerequisite well in advance.

## REGISTRATION FEE: (REFUNDABLE)

The applicant may submit their duly filled registration form along with the registration fee (Refundable), in the form of Demand Draft to be drawn in favour of “*The PRINCIPAL, Selvam College of Technology*” Payable at **Namakkal.**

AICTE Approved Institutions / Colleges : 500/-  
Industries : 750/-

## IMPORTANT DATES

Last date for Registration : **27.04.2012**  
Notification of Acceptance : **28.04.2012**  
Confirmation by Participant : **30.04.2012**

### Contact Person and Mailing Address to:

**Dr.A.PUSHPARAGHAVAN**  
**Coordinator**  
**R3CBU -2012**

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