



# A Five Day Short-Term Course (STC) on Trends in VLSI, Communications and Signal Processing (TVCoS)

5<sup>th</sup> - 9<sup>th</sup> March 2019

## About TVCoS 2019

The main objective of this short-term course is to keep the participants abreast of the trends and challenges in the fields of VLSI Technology, Wireless Communications and Signal Processing. This short-term course gives an insight into the field through the discussion of the necessary theoretical background as well as demonstration through simulation. This will help to provide an exposure to interested candidates willing to pursue their career in these domains. The course is especially intended to provide engineers, faculty members of engineering colleges, and graduate students pursuing Ph.D., with an in-depth understanding of theoretical concepts, features, and characteristics along with case studies in simulated scenarios.



## About NIT Andhra Pradesh

National Institute of Technology, Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh is established in the state of Andhra Pradesh from the academic year 2015 – 2016. HEFA / MHRD has sanctioned Rs. 400cr for infrastructure and development. Various disciplines of Engineering and Technology at the Undergraduate and Postgraduate level, the institute is striving to offer excellent facilities for advanced research in the emerging areas of Science and Technology.

## About the Department

The department is one of the pioneering departments of the Institute. The department is progressing at a rapid pace with development in both the spheres of infrastructure facilities and academic programs. The department has highly qualified faculty members engaged in teaching and research with the aim of achieving excellence in the field of Electronics and Communications Engineering. The department offers UG course in Electronics and Communication Engineering and is in the process of introducing a PG programme in VLSI and Advanced Communication systems. The department is about to offer Ph.D. programme to promote academic research activities.

## Course Fee & Registration Details

For Research/PG Scholars:	Rs 1000/-
Faculty members:	Rs 1500/-
R & D Labs/Industrial Professionals:	Rs 2500/-

**Last Date for Registration: 3<sup>rd</sup> March 2019**

More details can be found at [www.nitandhra.ac.in](http://www.nitandhra.ac.in)

Registration fee can be paid through NEFT transfer to A/c No:34999496394, with IFSC Code: **SBIN0016305**, SBI Pedatadepalli branch, Tadepalligudem

### Chief Patron

**Prof. C.S.P Rao, Director NIT Andhra Pradesh**

### Coordinators

**Dr. Kiran Kumar Gurrula, Assistant Professor,  
Dept. of. ECE., NIT Andhra Pradesh**

**Dr. Puli Kishore Kumar, Assistant Professor,  
Dept. of. ECE., NIT Andhra Pradesh**

**Organized by: Department of Electronics & Communications Engineering, NIT Andhra Pradesh,  
Tadepalligudem, West Godavari Dist., Andhra Pradesh – 534101, India.**

**Tentative schedule of TVCoS 2019**

Time Day	09.30 – 11.00 am	11.00 – 11.15pm	11.15 – 12.45pm	12.45 -1.45 pm	1.45 – 3.15pm	3.15 -3.30pm	3.30-5.00pm
Day 1	Registration and Inauguration	Tea Break	A1	Lunch	A7	Tea Break	A7
Day 2	A3		A3		A4		A4
Day 3	A5		A5		A2		A2
Day 4	A6		A6		A1		A1
Day 5	A8		A8		Certificate Distribution		Valedictory

**Resource persons and Expertise**

Name		Ph.D. from the Institute	Area of Expertise
Dr. Puli Kishore Kumar	A1	NIT Warangal	Signal Processing in Radar and Communications
Dr. Kiran Kumar Gurralla	A2	NIT Rourkela	Wireless Cooperative Communication
Dr. Srinivasa Sarma	A3	NIT Rourkela	Analog VLSI
Dr. Pavan Bikki	A4	NIT Allahabad	Digital VLSI
Dr. Chandu DS	A5	IIIT Kancheepuram	Artificial Materials in Microwave Engineering
Dr. Abhijith Bhattacharya	A6	IIT Mandi	Bio medical signal processing
Dr.Kishore Kumar Poolapalli	A7	IIA Karnataka	Low Frequency Spectro - Polarimetry
Vijaya Bhaskar	A8	IIT Madras	Processor Architecture

**How to apply?**

Interested candidates can apply by submitting the application form along with NEFT payment receipt holding the transaction ID to the coordinators by post or personally by hand. However, a scanned soft copy of the filled-in application form along with the registration fee payment receipt may be sent to [kirankumargurralla@nitandhra.ac.in](mailto:kirankumargurralla@nitandhra.ac.in) for confirmation of participation on or before 3<sup>rd</sup> March 2019. In such cases, participants should produce the original hard copy of the application form along with the original payment receipt at the time of registration on 5<sup>th</sup> March 2019. The total no of participants is limited to 40 and the selection will be done on first come first serve basis.

**Address for correspondence**

Dr.Kiran Kumar Gurralla, Assistant Professor, Dept. of ECE., NIT Andhra Pradesh, Tadepalligudem, Sri Vasavi Engineering College Campus, Peda Tadepalli, West Godavari Dist., Mobile No:7077166843, Email: [kirankumargurralla@nitandhra.ac.in](mailto:kirankumargurralla@nitandhra.ac.in)

**Accommodation Details**

The working lunch and refreshments will be provided by the institute at free of cost. However, no accommodation shall be provided by the institute and the participants should make their own arrangements for lodging. There are many hotels available in the Tadepalligudem Town with nominal charges.

**Reaching NIT Anadhra Pradesh**

The Tadepalligudem town is extremely well connected by road (Chennai - Howrah NH16), by rail (Vijayawada - Vishakhapatnam section) and by air (Vijayawada [International], Rajahmundry [National] and Visakhapatnam [International] airports for about 95 km, 60 km and 240 km respectively). Presently, the institute is operating in the transit campus located inside Sri Vasavi Engineering College Campus, Pedatadepalli Village, Tadepalligudem. This transit campus is around 6Kms from Tadepalligudem Bus Complex.

**REGISTRATION FORM**

**Trends in VLSI, Communications and Signal Processing (TVCoS – 2019), 5<sup>th</sup> – 9<sup>th</sup> March 2019**

Name: _____	Registration fee Details:
Designation: _____	NEFT Transaction ID: _____
Department: _____	Date: _____
Institution/Organization: _____	Amount in Rs. _____
Address: _____	Bank Details _____
_____	
Email: _____	Signature of Applicant
Mobile No: _____	
Highest Education Qualification: _____	
Areas of Research Interest: _____	
	Signature and Seal of Head of the Dept. / Organization