



**INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
LUCKNOW**



SOCIETY FOR ELECTRONICS  
EXPLORATION AND DEVELOPMENT

**EXPERT LECTURE SERIES**

**ORGANISED BY**

**ELECTRONICS AND COMMUNICATION  
DEPARTMENT**

**2019**



**Expert Lectures Schedule**

<b>Sr.no</b>	<b>Topic</b>	<b>Date held on</b>
1.	Expert lecture on :Micro- Electro-Mechanical Systems	05 <sup>th</sup> April,2019
2.	Expert lecture on :An insight into wireless communications and networks	05 <sup>th</sup> August ,2019
3.	Expert lecture on :Transforms and its applications	05 <sup>th</sup> August ,2019
4.	Expert lecture on :Research opportunities in wireless communications	06 <sup>th</sup> August ,2019
5.	Expert lecture on :Finite word length effects in digital filters	06 <sup>th</sup> August ,2019



### **1. Expert Lecture conducted under IEEE Student Chapter and SEED**

An expert lecture on Micro-Electro-Mechanical systems was conducted under IEEE student chapter and SEED on 05th April, 2019. This lecture was given by distinguished Professor Rudra Pratap of IISc Bangalore. It was organised for the undergraduate, post graduate students, researchers and faculty.

Prof. Rudra Pratap is international advisor for MEMS and the current Deputy director of IISc Bangalore



**INSTITUTE OF ENGINEERING AND TECHNOLOGY  
LUCKNOW**



**SOCIETY FOR ELECTRONICS EXPLORATION AND  
DEVELOPMENT (SEED)**

*Presents*

**Expert Lecture Series**

**MICRO-ELECTRO-MECHANICAL-SYSTEM**



**BY: Prof. Rudra Pratap**

(Pd.D Cornell University, M.S. University of Arizona,  
B.Tech IIT Kharangpur)

Professor at CeNSE, IISc Bangalore

**Venue: EC-310 Time: 2pm onwards**



# ELECTRONICS AND COMMUNICATION DEPARTMENT

## MEDIA GALLERY





## 2. Expert Lecture Series conducted under the twinning arrangement between PEC, PUDUCHERRY AND IET,LUCKNOW



(TEQIP-III SPONSORED)

5<sup>TH</sup>-6<sup>TH</sup> AUGUST 2019

Phase III of TEQIP is a Government of India Project assisted by World Bank under MHRD for improvement of quality of technical education in the stake holder technical institutions. In TEQIP-III, a twinning arrangement has been established between Pondicherry Engineering College, Puducherry (*Mentor Institution*) and Institute of Engineering and Technology, Lucknow (*Mentee Institution*) to jointly undertake various activities envisaged to achieve specified targets. Special expert lectures were organized under this program which was beneficial to students and research scholars. The details of the same are mentioned below:

### DAY 1: 5<sup>TH</sup> AUGUST 2019

	Topic	Expert faculty
1.	An insight into wireless communications and networks	Dr. G. Nagarajan Professor, ECE, PEC
2.	Transforms and its applications	Dr. P. Ramesh Babu Professor, EIE, PEC


**INSTITUTE OF ENGINEERING AND TECHNOLOGY  
LUCKNOW**

**SOCIETY FOR ELECTRONICS EXPLORATION AND  
DEVELOPMENT (SEED)**

Presents

Expert Lecture Series

**Finite Word Length effects in Digital Filter,  
Transforms & Its Applications**




BY: Prof. P. Ramesh Babu  
(B.Tech., M.E., Ph. D.)  
Professor, EIC, Pondicherry Engineering College  
Venue: EC-311 Time: 10am onwards  
Date: 05.08.2019




DAY 2: 6<sup>TH</sup> AUGUST 2019

	Topic	Expert faculty
1.	Research opportunities in wireless communications	Dr. G. Nagarajan Professor, ECE, PEC
2.	Finite word length effects in digital filters	Dr. P. Ramesh Babu Professor, EIE, PEC



**INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**LUCKNOW**




**SOCIETY FOR ELECTRONICS EXPLORATION AND DEVELOPMENT (SEED)**

Presents

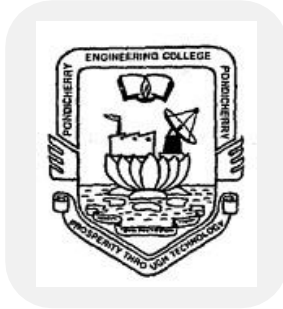
**Expert Lecture Series**

**Research Opportunities and insight into**  
**WIRELESS COMMUNICATION**

BY: **Prof. G. Nagarajan**  
(B.E., M.Tech., Ph. D., MISTE, MIEEE)  
Professor, ECE, Pondicherry Engineering College  
Venue: EC-310 Time: 10am onwards



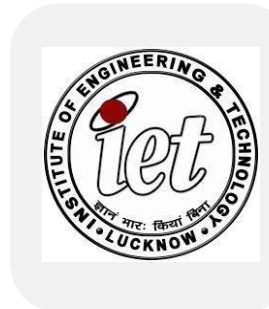
## OFFICIAL NOTICE



TEQIP-III SPONSORED

WORKSHOPS/CLASSES

Conducted under the twinning arrangement between  
PONDICHERRY ENGINEERING COLLEGE, PUDUCHERRY



Date: 2-9, August 2019

Venue: Institute of Engineering and Technology, Lucknow

**Twinning arrangement in TEQIP-III:** Phase III of TEQIP is a Government of India Project assisted by World Bank under MHRD for improvement of quality of technical education in the stake holder technical institutions. In TEQIP-III, a twinning arrangement has been established between Pondicherry Engineering College, Puducherry (*Mentor Institution*) and Institute of Engineering and Technology, Lucknow (*Mentee Institution*) to jointly undertake various activities envisaged to achieve specified targets listed in 14 categories.

**About the Workshops/Classes:** In the Twinning Arrangements, conduct of workshops/ classes for the Students of IETL are to be undertaken by faculty of PEC as an **activity listed as no. 2.** The schedule of this activity is as follows.

**Programme schedule:**

Sl. No.	Department / Programme	Date and Session	Workshop topic / Lecture	Expert Faculty
1	CE / B.Tech (CE)	02.08.2019, FN	Structural Mechanics – Demonstration	<b>Prof. S. Kothandaraman</b> Principal, PEC
2	CSE / B.Tech (CSE)	03.08.2019, FN	Wireless Sensor Networks	<b>Dr. Ka. Selvaradjou</b> Professor, CSE, PEC
3	CSE / B.Tech (IT)	03.08.2019, FN	Social Network Analysis	<b>Dr. V. Govindasamy</b> Assoc. Professor, IT, PEC
4	ECE / B.Tech (ECE)	05.08.2019, FN	An insight into wireless communications and networks	<b>Dr. G. Nagarajan</b> Professor, ECE, PEC
	EEE / B.Tech (EEE)	05.08.2019, FN	Power System operation and control and scope of soft computing	<b>Dr. M. Sudhakaran</b> Professor, EEE, PEC



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5		05.08.2019, FN	Component count waned MLI topologies	<b>Dr. S. Jeevananthan</b> Professor, EEE, PEC
6	ECE / B.Tech (EIE)	05.08.2019, FN	Transforms and its applications	<b>Dr. P. Ramesh Babu</b> Professor, EIE, PEC
7	ME / B.Tech (ME)	08.08.2019, FN	Positive Attitude – Key to Success	<b>Dr. A. V. Raviprakash</b> Professor, ME, PEC
		08.08.2019, FN	Python for Mechanical Engineering	<b>Dr. Auro Ashish Saha</b> Professor, ME, PEC
8	CHE / B.Tech (CHE)	08.08.2019, FN	Outline of Membrane separation processes	<b>Dr. G. Srinivasan</b> Professor, CHE, PEC
		08.08.2019, FN	Super Critical Fluids	<b>Dr. R. Sridar</b> Assoc. Professor, CHE, PEC

### Patrons

**Prof. S. Kothandaraman**

*Principal, PEC  
Arrangement, TEQIP-III, IETL*

**Prof. H. K. Paliwal,**

*Director, IETL*

### Organizing Secretaries

**Prof. G. Sivaradje**

*Coordinator TEQIP-III, PEC*

**Prof. Y. N. Singh**

*Coordinator Twinning*





## ELECTRONICS AND COMMUNICATION DEPARTMENT



### TEQIP-III SPONSORED

#### TRAINING

Conducted under the twinning arrangement between

PONDICHERRY ENGINEERING COLLEGE, PUDUCHERRY



Date: 2-9, August 2019  
Technology, Lucknow

Venue: Institute of Engineering and

**Twinning arrangement in TEQIP-III:** Phase III of TEQIP is a Government of India Project assisted by World Bank under MHRD for improvement of quality of technical education in the stake holder technical institutions. In TEQIP-III, a twinning arrangement has been established between Pondicherry Engineering College, Puducherry (*Mentor Institution*) and Institute of Engineering and Technology, Lucknow (*Mentee Institution*) to jointly undertake various activities envisaged to achieve specified targets listed in 14 categories.

**About the Training:** In the Twinning Arrangements, conduct of training for the Faculty of IETL are to be undertaken by faculty of PEC as an activity listed as no. 4. The schedule of this activity is as follows.

**Programme schedule:**

Sl. No.	Department	Date and Session	Training topic	Expert Faculty
1	Civil Engineering	02.08.2019, AN	Recent Trends in Structural Engineering	<b>Prof. S. Kothandaraman</b> Principal, PEC
2	Computer Science and Engineering	03.08.2019, AN	Issues in Embedded Systems	<b>Dr. Ka. Selvaradjou</b> Professor, CSE, PEC
3	Information Technology	03.08.2019, AN	Research Issues in Complex Event Processing	<b>Dr. V. Govindasamy</b> Assoc. Professor, IT, PEC
4	Electronics and Communication Engineering	05.08.2019, AN	Research opportunities in wireless communications	<b>Dr. G. Nagarajan</b> Professor, ECE, PEC
	Electrical and	05.08.2019, AN		<b>Dr. M. Sudhakaran</b> Professor, EEE, PEC



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5	Electronics Engineering	05.08.2019, AN	Contemporary research topics in Electrical Engineering	<b>Dr. S. Jeevananthan</b> <i>Professor, EEE, PEC</i>
6	Electronics and Instrumentation Engineering	05.08.2019, AN	Finite word length effects in digital filters	<b>Dr. P. Ramesh Babu</b> <i>Professor, EIE, PEC</i>
7	Mechanical Engineering	08.08.2019, AN	Pedagogy of Teaching	<b>Dr. A. V. Raviprakash</b> <i>Professor, ME, PEC</i>
		08.08.2019, AN	Julia Programming for Scientific Computing	<b>Dr. Auro Ashish Saha</b> <i>Professor, ME, PEC</i>
8	Chemical Engineering	08.08.2019, AN	RO Modules: Design features and mode of operation	<b>Dr. G. Srinivasan</b> <i>Professor, CHE, PEC</i>
		08.08.2019, AN	Modelling the solubilities of solids in super critical fluids	<b>Dr. R. Sridar</b> <i>Assoc. Professor, CHE, PEC</i>



# ELECTRONICS AND COMMUNICATION DEPARTMENT

## MEDIA GALLERY

