FACULTY DEVELOPMENT PROGRAMME (FDP)
on
SPEECH PROCESSING
(01st June to 10th June, 2017)
Organized by
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
National Institute of Technology, Warangal
Under the scheme of Electronics & ICT Academy
(Sponsored by Department of Electronics and Information Technology (DeitY), GOI)

Lecture Schedule(tentative)

DATE	Morning Session (09:00 AM - 10:45 AM)			Morning Session (11:00 AM - 12:45 PM)		Afternoon Session (02:00 PM - 03:45 PM)		Afternoon Session (04:00 PM - 5:45 PM)
01/06/17	Registration (09:00 AM)	Inauguration (10.00 AM)	TEA Break	Key Note address on Speech Processing	Lunch Break	Nature of Speech Signal	TEA Break	Speech Processing
02/06/17	Speech Analysis			Speech Production		Acoustic Theory of Speech Production		Hands on Session
03/06/17	Feature Extraction Techniques			Audio Processing		Hands on Session		Hands on Session
04/06/17	Speech Recognition			Speech Recognition		Hands on Session		Hands on Session
05/06/17	Speaker Recognition			Speaker Recognition		Speech Enhancement		Hands on Session
06/06/17	Speech Enhancement			Prosody Modelling and its Applications		Prosody Modelling and its Applications		Hands on Session
07/06/17	Concatenative Speech Synthesis			Statistical Parametric Speech Synthesis (HMM)		Hands on Session		Hands on Session
08/06/17	Deep Learning for Speech Synthesis			Deep Learning for Speech Synthesis		Speech Emotion Recognition		Hands on Session
09/06/17	Speech Emotion Recognition(HMM)			Speech Emotion Recognition (NN)		Hands on Session		Hands on Session
10/06/17	Social Signal Processing			Challenges in Speech Processing		Deep Learning for Speech Processing		Valedictory

List of Speakers (Expected):

1. Prof. B. Yagnanarayana, Emiritus Professor, BITS-Pilani Hyderabad Campus

2. Prof. B. L. Deekshatulu, Distinguished Fellow, IDRBT (RBI), Hyderabad

3. Prof. S. R. Mahadeva Prasanna, Professor, IIT Guwahati

4. Dr. K. Srinivasa Rao, Associate Professor, IIT Kharagpur

5. Dr. K. Sri Rama Murty, Associate Professor, IIT Hyderabad

6. Prof. K.S.R Krishna Prasad, Professor, NIT Warangal

7. Dr. T. Kishore Kumar, Associate Professor, NIT Warangal

8. Dr. Shashidhar Kulagudi, Assistant Professor, NIT Karnataka, Surathkal

9. Dr. Suryakanth V Gangashetty, Assistant Professor, IIIT Hyderabad

10. Dr. Anil Kumar Vuppala, Assistant Professor, IIIT Hyderabad