1st UK-India DST-UKIERI Workshop on 5G and beyond Wireless Networks

05th January, 2018
9:00 AM to 5:00 PM
Sayaji Hotel, Indore

UKIERI
UK-India Education
and Research Initiative

Overview

Explosive growth of mobile data traffic requires higher capacity, lower latency and higher energy efficiency in wireless networks. The electromagnetic spectrum with favourable communication properties below 20 GHz is almost completely expended. Research has been directed towards developing alternative technologies and utilizing alternative spectrum regions. These have culminated in the development of the Fifth Generation (5G), and 5G and beyond (5GB) wireless communication systems. The workshop will provide an overview of various technologies driving these future wireless communication networks. The workshop brings experts researching in various aspects of future wireless communication networks. The workshop aims at providing direction and vision for future research and development in 5G and 5GB wireless networks.

Fee (includes refreshments and certificates):

UG/PG Student   : Rs. 1000   Rs. 1500/-*
Faculty/Govt. Agency: Rs. 3000   Rs. 4000/-*
Industry   : Rs. 5000   Rs. 6000/-*

Max. Seats: 50
* Registration after 31st December, 2017

Schedule

Time	Speaker(s)	Title of the talk(s)
9:00 am 9:55 am	Registration and Breakfast	
9:55 am 10:00 am	Welcome and Workshop Inauguration	
10:00 am 11:00 am	Prof. T. Ratnarajah (University of Edinburgh)	Full Duplexing for 5G and Beyond Networks.
11:00 am 12:00 am	A/Prof. Chandra R. Murthy (IISc)	Sparse Signal Recovery for 5G Networks.
12:00 am 1:00 pm	A/Prof. Bharath B. N. (IIT Dharwad)	Caching in Cellular Networks with Performance Guarantees.
1:00 pm 2:00 pm	Lunch Break	
2:00 pm 3:00 pm	A/Prof. V. Bohara (IIIT Delhi)	Spectrum Sharing Frameworks for Device to Device Communication.
3:00 pm 4:00 pm	A/Prof. K. P. Naveen (IIT Tirupathi)	Coexistence of LTE-Unlicensed and WiFi: An Auction Theoretic Approach.
4:00 pm 5:00 pm	A/Prof. V. Bhatia (IIT Indore)	NOMA for 5G and Beyond Systems.

Registration

Name of Account Holder: IIT Indore   **Account Number:** 1476101027440
Bank Name: Canara Bank Branch: IIT Indore, Simrol Campus Branch, Indore
IFSC Code: CNRB0006223   **Swift Code:** CNRBINBBISG
* The registration fee can also be paid by a crossed Demand Draft (DD) drawn in favour of: "The Registrar, IIT Indore", payable at Indore.
* Mail the scanned copy of Registration fee receipt to registerukieri@gmail.com

For more information, please contact:
Email: registerukieri@gmail.com

Register at: https://goo.gl/LqRGBV

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