Webinar Title: "Four Key Technologies for Beyond 5G Wireless Communication Network"

Registration Fee (including GST):- Rs. 600/-

Who can attend:- Faculty/Student/Industry personnel/anyone generally interested in telecommunications

Expert Speaker (Name/ Designation) – Dr. Vimal Bhatia / Professor

Webinar Date: …28.11.2020…………… Time: …11:00am – 12:00pm……..

About Webinar (Brief One para): -
Explosive growth in 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. As 5G roll-out begins, we start to explore technologies for beyond 5G technologies. The talk brings an opportunity for anyone interested in knowing what to expect in future wireless communication networks, without much prior knowledge. The talk aims at providing direction and vision for future research and development in 5G and 5GB wireless networks.

Speaker Profile (Brief One Para): -
Dr. Vimal Bhatia (http://people.iiti.ac.in/~vbhatia/) received Ph.D. degree from Institute for Digital Communications with The University of Edinburgh (QS-20), Edinburgh, U.K., in 2005. During the Ph.D. he also received the IEE fellowship for collaborative research at the Department of Systems and Computer Engineering, Carleton University, Canada, and is Young Faculty Research Fellow from MeitY. He is currently working as a Professor with the Indian Institute of Technology, Indore, Madhya Pradesh, India, and adjunct faculty at IIT Delhi and IIIT Delhi. He has more than 250 peer reviewed publications and 13 patents filed. His research interests are in the broader areas of Wireless Commnications, Machine Learning and Signal Processing with applications to Communications, RADAR, and Optics. He is a reviewer for IEEE, Elsevier, Wiley, Springer, and IET. He is currently Editor and Fellow-IETE, Senior Member of IEEE and certified SCRUM Master. He was also the General Co-Chair for IEEE ANTS 2018, and General Vice-Chair for IEEE ANTS 2017.

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