<p align="center">**Workshop on**</p>

<p align="center">**Spectrum Sharing and its applicability for India**
16 June 2015 (Tuesday), 9:30 AM -2:00 PM
Venue: Block IIA, 101 Seminar Hall
Bharti School of Telecommunication Technology and Management, IIT Delhi</p>

<p align="center">**Speakers' Profiles**</p>

Parag Kar is Vice President, Government Affairs, India and South Asia at Qualcomm and has been the company's key regulatory and policy interface for the Indian subcontinent and the region since January 2005. Mr. Kar has been working closely with the DoT, industry bodies and telecom operators to ensure that policies and regulation are aligned with international best practices and the benefits of global experiences can be realized in an Indian context.

Mr. Kar also drives Qualcomm's Wireless Reach initiative in India, which primarily focuses on creating a reference point for CDMA technologies in rural India within the overall message that the greatest gift any technology can offer is the power of potential, and few technologies let people realize their potential more effectively than wireless communications. Through its Wireless Reach initiative, Qualcomm works with local and global partners to bring wireless technology to underserved communities around the world in critical areas like education, governance, healthcare and public safety.

Mr. Kar has over 18 years of experience in the telecommunications industry. Prior to his appointment at Qualcomm, he was responsible for business development of broadband convergence technologies (both wireless and wireline) at Lucent Technologies in India. Before that, he was with the Indian Railways and responsible for the successful completion of various telecom projects in the Railways.

He holds a Bachelors Degree in Electronics and Telecommunication Engineering from the Regional Engineering College Bhopal and a Masters Degree from the Indian Institute of Technology, Delhi.

Dr. Heikki Kokkinen is the founder and CEO of Fairspectrum. Fairspectrum is a Finnish company, which provided the geolocation database service for the Europe's first TV White Space radio licence based on a geolocation database and the repository service in the world's first Licensed Shared Access (LSA) 2.3 GHz field trial. He holds a doctoral degree in Computer Science, an academic entrepreneur degree from Aalto School of Business, licentiate degree in telecommunications and industrial economics, and Master's degree in electronics. Heikki is a requested speaker in spectrum sharing events globally. He is devoted to marketing, research and development, financing, system integration, piloting and deploying of spectrum sharing technologies.
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Rohit Prasad is an **Associate Professor of Economics** at MDI Gurgaon. He has a Ph.D. in Economic Theory from **SUNY Stony Brook, USA** where he studied Game Theory under the Nobel Laureate Professor Robert Aumann. His thesis written under the supervision of Prof. Pradeep Dubey, Leading Professor at SUNY-Stony Brook, provides a framework to address questions related to the optimal fiscal and monetary policy choices of a government in a free market.

After his Ph.D. he worked in the **software industry in USA and India** in senior management positions before joining MDI Gurgaon. His last position was **Vice President at Xansa**, then a USD 700 million firm.

His research interests include spectrum policy, ICT for development, special economic zones, and industrial policy. His papers have been published at **leading international journals** including Telecommunications Policy. He has delivered seminars and talks at Harvard University, the Centre for Game Theory at Stony Brook, India Telecom 2009, Future Com, Brazil 2010, and The Next Billion, Indonesia, 2010. He is co-authoring a book on spectrum policy to be published by Oxford University Press, India. His articles appear regularly in The Economic Times and the Economic and Political Weekly.

He recently served on a high powered **Committee of the Department of Telecommunications**, Government of India to make recommendations on spectrum allocation and pricing in India, and on two **Expert Panels for the Telecom Regulatory Authority of India** to study the value of 2G spectrum. He has provided **expert testimony** for a major telecom operator on spectrum related judicial proceedings.

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Dr. V. Sridhar is Professor at the **Centre for IT and Public Policy** at the **International Institute of Information Technology Bangalore, India**.

Dr. Sridhar's primary research interests are in the area of telecommunications management and policy. His book titled The *Telecom Revolution in India: Technology, Regulation and Policy* was published by the Oxford University Press in 2012. He has co-authored a recent book titled *The Dynamics of Spectrum Management: Legacy, Technology, and Economics* published by the Oxford University Press in 2014. He has also co-edited three books on telecom published by IGI Global, USA.

Dr. Sridhar has published many articles in peer-reviewed telecom and information systems journals and is on the editorial board of some of them. He contributes regularly in leading Indian business newspapers on telecom policy related issues and has authored more than 200 articles.

Dr. Sridhar has taught at many Institutions in the USA, New Zealand and India including the Indian Institutes of Management. He teaches courses on Techno-Economics of Networks, Communication and Information Policy amongst others. He was a visiting scholar at Aalto University, Finland and was the recipient of Nokia Visiting Fellowship. He has been a member of various Government of India committees in telecom and IT. Prior to his current position, he was a Research Fellow at Sasken Communication Technology, a telecom Research & Development firm in India.

Dr. Sridhar has a Ph.D. from the University of Iowa, U.S.A.; Masters in Industrial Engineering from the National Institute for Training in Industrial Engineering, Mumbai, India; and Bachelor of Engineering with Honors from University of Madras, India.

He is a member of *Association for Computing Machinery* and *Association of Information Systems*.

His work can be accessed at: www.vsridhar.info; Email: vsridhar@iiitb.ac.in

Seppo Yrjölä is the Principal Innovator at Nokia Siemens. Seppo's been with Nokia for 25 years. First a couple of years in the Nokia cables which was a backbone of Nokia for many years before wireless challenge took over. During the next nine years at Nokia Mobile Phones and Industrial Electronics (LK-Products) his passion was to make radios happen for the 1st and 2nd generation mobile systems holding a variety of positions from researcher to R&D and business management. Around 16 years ago high technological challenge and opportunities in 3G networks inspired him to join Nokia Networks R&D were he recent years headed wireless technology research.

During the Nokia Siemens Networks merger he took a new challenge in NSN's Innovations team to scout for the best technology-driven business adventures and help turn them into NSN success stories. His current focus is innovating in the area of Future Radios with Cognitive Radio Business opportunities and potential disruptions as an important aspect to scout.

Seppo's current mission is not so much to see what no one yet has seen, but to think what nobody yet has thought about that which everybody sees - Discovering, transforming, incubating and accelerating into new Nokia businesses.

He holds a master of science degree in electrical engineering from the University of Oulu and has done his post graduate studies in the area of telecommunication and radio technology. He holds several patents in the area of radio technology and enjoys discussing with the research community through lecturing and project collaboration.

Prof. Shankar Prakriya is Jai Gupta Chair Professor in the Department of Electrical Engineering at IIT Delhi. Prof. Prakriya received the M.A.Sc (Engg.) and PhD from the department of Electrical and Computer Engineering of the University of Toronto, Toronto, Canada. Ha jeas been with IIT Delhi since 1997. His area of research include: Cognitive radio, Energy harvesting, and cooperative systems.

Dr. Manjunath is Professor in the Department of Electrical Engineering at IIT-Bombay since 1994. Prior to joining IIT Bombay, he was a Post Doctoral Fellow in the Department of Computer Science, University of Toronto, Toronto, Canada. His area of research includes Computer and Communication Network Protocols, Systems and Algorithms Performance Modelling, Queueing Theory and Simulation, and Stochastic Systems.

Dr. Manjunath holds a Ph.D. from Rensselaer Polytechnic Institute; M.Tech. from IIT Madras and B.E. from Mysore University.