



BHARTI SCHOOL OF TELECOMMUNICATION TECHNOLOGY AND MANAGEMENT, IIT DELHI

AIRTEL LECTURE

Date :6th August, 2019 (Tuesday)

Venue: Bharti School of Telecommunication Technology and Management, Seminar Hall IIA 101, Ground Floor, IIT Delhi

Timing: 3.30 P.M. – 4.30 P.M

“The Economic Promise of 5G Wireless Technology”

By

Dr. Harold Furchtgott-Roth

Director, Center for the Economics of the Internet, Hudson Institute

Speaker's Profile:

Harold Furchtgott-Roth founded Furchtgott-Roth Economic Enterprises in 2003. He frequently comments on issues related to the communications sector of the economy. From 2001-2003, Mr. Furchtgott-Roth was a visiting fellow at the American Enterprise Institute where he completed the writing of *A Tough Act to Follow*, a book about the difficulties implementing the Telecommunications Act of 1996.

From 1997 through 2001, Mr. Furchtgott-Roth served as a commissioner of the Federal Communications Commission. In that capacity, he served on the Joint Board on Universal Service. He is one of the few economists to have served as a federal regulatory commissioner, and the only one to have served on the Federal Communications Commission.

Before his appointment to the FCC, he was chief economist for the House Committee on Commerce and a principal staff member on the Telecommunications Act of 1996. Earlier in his career, he was a senior economist with Economists Incorporated and a research analyst with the Center for Naval Analyses. Mr. Furchtgott-Roth is a member of the Washington Legal Foundation's Legal Policy Advisory Board. He is the coauthor of three books: *Cable TV: Regulation or Competition*, with R.W. Crandall, The Brookings Institution, 1996, *Economics of A Disaster: The Exxon Valdez Oil Spill*, with B.M. Owen et al, Quorum Books, 1995, and *International Trade in Computer Software*, with S.E. Siwek, Quorum Books, 1993.



Abstract

Harold Furchtgott-Roth, senior fellow at the Hudson Institute in Washington, DC, will discuss prospects for 5G wireless technology in various sectors of the economy. 5G, the next generation of wireless technology, is different from its predecessors. The first four generations operated in single bands of spectrum, with consistent technologies, in stand-alone communications networks. 5G will operate in many different bands of spectrum, with evolving and divergent technologies, integrated into many networks that are not just for telecommunications. Some 5G technologies are particularly useful in dense urban areas including those in India.

We look forward to your participation. Please be seated by 3.15 p.m.