The focus of this book is broadband telecommunications: both fixed (DSL, fiber) and wireless (1G-4G). It uniquely covers the broadband telecom field from technological, business and policy angles. The reader learns about the necessary technologies to a certain depth in order to be able to evaluate and analyse competing technologies. The student can then apply the results of the technology analysis to business (revenues and costs, market size, etc) to evaluate how successful a technology may be in the market place. Technology and business analyses lead to policy analysis and how government deal with rolling out of broadband networks; content (such as text, audio and video) delivered over them. Furthermore, how government may ensure a competitive and fair environment is maintained for service provision. The book is unique in its approach as it prepares the student to evaluate products from three different viewpoints of technology-business and policy. The book provides a unified vision for broadband communications, offering the required background as well a description of existing broadband systems, finishing with a business scenario. The book breaks new ground by discussing telecommunication technologies in a business and policy context.
software (Genista), policy (operator license for IPMobile), education (Keio and Carnegie Mellon Universities), IPR (Apple), and general consulting (numerous). Over this period Riaz has applied for 50 patents, 25 of which have been granted, a number of which are essential to the operation of 3G and 4G mobile networks. He is also an author of more than 50 peer reviewed articles and three books on broadband communications technology and management.

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