

# Resource Allocation in Next-Generation Broadband Wireless Access Networks

Part of the Advances in Wireless Technologies and Telecommunication Book Series

Chetna Singhal (Indian Institute of Technology Kharagpur, India) and Swades De (Indian Institute of Technology Delhi, India)

## Description:

With the growing popularity of wireless networks in recent years, the need to increase network capacity and efficiency has become more prominent in society. This has led to the development and implementation of heterogeneous networks.

**Resource Allocation in Next-Generation Broadband Wireless Access Networks** is a comprehensive reference source for the latest scholarly research on upcoming 5G technologies for next generation mobile networks, examining the various features, solutions, and challenges associated with such advances. Highlights relevant coverage across topics such as energy efficiency, user support, and adaptive multimedia services.

## Readers:

This book is ideally designed for academics, professionals, graduate students, and professionals interested in novel research for wireless innovations.

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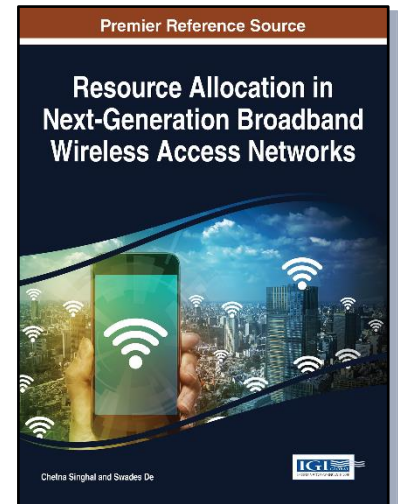
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**Chetna Singhal** works as an Assistant Professor at Indian Institute of Technology (IIT) Kharagpur. She has completed her Ph.D from IIT Delhi in May, 2015 and has worked as a Postdoctoral Researcher in Department of Electrical Engineering, IIT Delhi till October 2015. She received her M.Tech. in Computer Technology from Electrical Engineering Department, IIT Delhi in 2010 and B.Eng. in Electronics and Telecommunications from University of Pune in 2008. She worked in IBM Software Lab, New Delhi, as a Software Engineer, from June 2010 to July 2011. Her research interests are in heterogeneous wireless networks, multimedia transmissions, resource allocation, and wireless handovers.

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