

**Biography of Professor Dharma P. Agrawal**  
**Fellow IEEE 1987; Fellow ACM 1998; Fellow AAAS 2003; Fellow WIF 2004, Charter**  
**Fellow, National Academy of Inventors, 2012, Fellow IACSIT 2013**  
**Recipient of the IEEE-CS 2008 Harry H. Goode Memorial Award**  
Web: <http://www.cs.uc.edu/~dpa> E-mail: [dpa@cs.uc.edu](mailto:dpa@cs.uc.edu)

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He has been serving as the *Ohio Board of Regents Distinguished Professor in School of Computing Sciences and Informatics* (ECECS till summer 2006, CS till June 2010), University of Cincinnati, OH. His recent research interests include Femto cells in LTE technology, efficient secured communication in Sensor networks, heterogeneous wireless networks, resource allocation and security in mesh networks for 4G technology, and applications of sensor networks in monitoring Parkinson's disease patients and neurosis, fitness of athletes' personnel wellness, and firefighters physical condition in action. He has six approved patents, two personal pending patents and twenty four patent filings in the area of wireless cellular networks. He started a new symposium on High Performance Computer Architecture that has become most important meeting for the research community and a new meeting in Mobile Ad hoc and Sensor Systems area (MASS-).

He has co-authored an introductory text book on *Wireless and Mobile Computing* that has been widely accepted throughout the world and a third edition has just been published. The book has been reprinted both in China and India and translated in to Korean and Chinese languages. His co-authored book on *Ad hoc and Sensor Networks, second edition* published in spring of 2011, is called the best seller by the publisher. A co-edited book entitled, *Encyclopedia on Ad Hoc and Ubiquitous Computing*, has been published by the World Scientific and co-authored books entitled *Wireless Sensor Networks: Deployment Alternatives and Analytical Modeling*; *Innovative Approaches to Spectrum Selection, Sensing, and Sharing in Cognitive Radio Network*; *Enhancing Wireless Mesh Networks using Cognitive Radios with Smart Antennas*, and *On-demand Medium Access in Heterogeneous Multihop Wireless Networks* have been published by Lambert Academic. Recently, He has been interacting with Industries extensively and has several SBIRs successful awards and has completed second phase of an Air Force STTR award. He has delivered keynote speech at 32 different international conferences. He has published 643 papers, given 42 different tutorials and extensive training courses in various conferences in the areas of Ad hoc and Sensor Networks and Mesh Networks, including security issues. He has been appointed as the founding Editor-in-Chief of the Central European Journal of Computer Science, Versita. I have graduated **67 PhDs and 54 MS students**. He has also been named as an **ISI Highly Cited Researcher** in Computer Science. He has received numerous awards from the IEEE Computer Society, including a **Core Member** and **IEEE second Millennium Medal**. He is a winner of **2008 Harry Goode Memorial award** from the IEEE Computer Society and **2011 Award for Excellence in Mentoring of Doctoral Students**, University of Cincinnati.