

BIO-DATA

Name : **Subhash Chander Sharma**
Research Area : Wireless & Cloud Computing, Ad-hoc & Sensor Networking, Instrumentation and Computer Control for Process Industries
Nationality & Date of Birth : Indian, July 1, 1960 (Passport No: H-2549970)
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Details of University Degrees:

Degree	Period (From - To)	Name of Institution	Div.	Subjects
M. Sc.	July-1979 To June-1981	University of Roorkee (Presently IIT-Roorkee)	Ist	Physics (Electronics)
M. Tech.	July-1981 To June-1983	University of Roorkee (Presently IIT-Roorkee)	Ist	Electronics & Communication Engineering
Ph.D.	May-1984 To Dec.-1991	University of Roorkee (Presently IIT-Roorkee)	Awarded in 1991	Electronics and Computer Engineering

Employment Record:

Period	Position	Nature of Duties/Place
Aug.83-Dec. 83	Research & Dev. Engg.	Televista Electronics Pvt. Ltd., New Delhi
7 Jan. 84- 31 Jan. 86	Lecturer (> 2 Yrs)	Indian Institute of Technology, Roorkee,(erstwhile UOR)
1 Feb 86- 8 April 96	Senior Lecturer (Scale) (>10 Yrs)	Indian Institute of Technology, Roorkee(erstwhile UOR)
9Apr.96-16 Aug. 06	Assistant Professor (>10 Yrs)	Indian Institute of Technology, Roorkee(erstwhile UOR)
17Aug 06- 03April 14	Associate Professor (> 8 Yrs)	Indian Institute of Technology, Roorkee
04 April14-Cont.	Professor	Indian Institute of Technology, Roorkee

Foreign Visit

Oct.1999-Jan. 2000	Guest Scientist	FHM & Tech. University, Munchen, Germany
Aug20 03-Aug.2005	Asst. Prof. & Coordinator (EIE)	BITS-Pilani, Dubai Campus, Dubai, UAE
Oct.25-Oct.29, 2006	Session Chair & Paper presentation	Conference on Mobile Technology. Applications and Systems (Mobility-2006), Ringsit University, Bangkok,
June 28, July03,2010	Paper presentation	World Congress of Engineers (WCE-2010) at Imperial College, London, UK
Aug.23-Aug.28, 2011	Session Chair & Paper presentation	World Academy of Science, Engineering and Technology (WASET), Paris (France)
Feb 23-26, 2013.	Session Chair & Paper presentation	International Conference on Information Computer Applications (ICICA 2013), Rome, Italy
Feb. 27-Mar. 02,2013	Research Lab Visit	Research Lab Visit, Zurich, Switzerland
May 18-22, 2014	Session Chair & Paper presentation	Ryerson University, Toronto, Canada

Other Information:

Teaching and Research Experience	: More than 34 Years, at IIT-Roorkee, (erstwhile UOR)
Total Research Papers (Journal/Conf.)	: 235 (Journal 115, Conference 120), Springer, SCI, Scopous, IEEE conf. & proc, SCI
Ph.D. Guided/ In Process	: 17 (Awarded) + 2 (likely to submitted) + 6 (ongoing)
M. Tech./M.Sc. (Univ. Dip.) Guided	: 12/20
Research Projects Handled	: 11 (Major 06, Minor 06)
Consultancy Projects	Sponsored by:

	<ol style="list-style-type: none"> 1. CSIR:- 1997-2001-R & D (SRF) 2. CSIR:- 1997-2001-R & D (SRF) 3. AICTE:-1998-2001-R & D 4. UGC:--- 2000-2003-R & D 5. DST:-- 2008-2011- R & D (WOS) 6. DRDO:- 2009-2011- Consultancy (R & D)
Honours and Awards:	<p>1975: Best student award during High School</p> <p>1981-83: UGC fellowship award during M.Tech. in E&C Engg., at UOR</p> <p>2000: Second Khosla Research award and silver Medal for the best research paper by UOR</p> <p>1999-2000: Guest Sc. at FHM, Tech. Univ. Munchen, Germany</p> <p>2006: Best Paper award (conference) by HEC</p> <p>2007: Best Paper Award, National Conference on Emerging Technologies in Computer Science (ETCS-2007) held at MIET, Meerut, Sept. 2007 (AICTE- New Delhi)</p> <p>2008: Nominated for Best Paper Award First International Conference on Emerging Trends in Engineering & Technology (ICETET-08), July 2008, IEEE Computer Society USA</p> <p>2008: Best Paper Award 3rd International Conference on Advance Computing & Communication Technology, November 2008, APIIT, Panipat</p> <p>2010: Best Paper Award by International Journal of Advanced Engineering & Applications, France-Jan.2010</p> <p>2012: Best Ph.D. Thesis (Ms. Leena) Award by ScoProS Intr. Conf. (Springer)</p>
Book Chapters	<p>1. Emerging Topics & Technologies in Information Systems “IGI Publication-Emerging Topics and Technologies In Information System”, USA, http://www.igi-global.com, http://www.eurospanbookstore.com</p> <p>Chapter-6 “A Study on Secure Characteristics of Wireless Ad-hoc Networks” pp. 115-135</p> <p>2. “Information Technology: Emerging Trends” 1st ed., Vitasta Publishing Pvt. Ltd. 2009. (ISBN: 8189766406 KK-70675) http://www.kkagencies.com/toc/70675.htm</p> <p>Chapter-9 “Problem of Congestion in Mobile Ad-hoc Networks” pp.43-49</p> <p>Chapter-10 “Mobile Networking through Mobile IP: A Survey” pp.51-55</p> <p>Chapter-11 “Energy Efficient Parameters for Controlling Physical Layer of Mobile Ad-hoc Networks”, pp.59-65</p> <p>Chapter-12 “SVEEN: Loss Rate Measurement in Ad-hoc Wireless Networks” pp.67-73</p> <p>Chapter-13 “Capacity Analysis of CDMA System with Parameter Variation” pp.75-78</p> <p>3. Book Name: Information Processing and Management, Publisher: Springer Berlin Heidelberg ISBN : 978-3-642-12213-2 (Print) 978-3-642-12214-9 (Online)</p> <p>Chapter : <i>Tracking Based Secure AODV Routing Protocol (pp175-180) , 2012</i></p>
Foreign Visit	: 08 (Munchen, Dubai, London, Paris, Rome, Bangkok, Zurich, Montreal)
Research Reports	: 06 (submitted to Govt. Agencies)
course Conducted	: 03 (For Industry Personnel’s)
Teaching & Administrative Responsibility	<ol style="list-style-type: none"> 1. Two courses with practical’s each semester (12-14 hours/week) 2. In-charge time Table 3. Prof. In charge of Instrumentation & Control Lab 4. Prof. In charge of Electronics Lab 5. Prof. In charge of Distributed Computer System Lab 6. Chairman, DRC 7. Members of various committees (Senate, IRC, IAPC, DRC, DAC, Exams, SRIC, etc..)
Others Development Responsibility	<ol style="list-style-type: none"> 1. Installation of new 120 line EPBAX system 2. New telephone Directory for IITR-Saharanpur Campus 3. Development of Wireless Computing Lab 4. Development of Electronics Lab for First year 5. Development of Instrumentation Centre at SRE Campus
Conf./Seminar/Symp. Attended	More than 25(India & Abroad)
Professional Affiliation	IEEE, NSBE, ISOC, ACEEE, IAENG