

Profile

Dr. Rakesh K. Jha is Professor in the Department of Electronics and Communication Engineering, Central University Jammu. He has served as an Associate professor at Indian Institute of Information Technology, Design and Manufacturing, Jabalpur (IIITDM Jabalpur) and SMVDU Katra. He is among the top 2% researchers of the world in engineering field. He is carrying out his research in wireless communication, power optimizations, wireless security issues, and optical Fiber communication. He has done B. Tech (Hon's) in Electronics and Communication Engineering and M. Tech from NIT Jalandhar (Hon's), India in 2008. Received his Ph.D. degree from NIT Surat, India in 2013. He has completed his 10th exam from govt. High school and Class 12th from Science College. He has published more than 71 SCI Journal papers including IEEE Transactions, IEEE Journal, Elsevier, Springer, Taylor & Francis, Hindawi, etc. He has published more than 31 Interference including ITU-T, IEEE ANTS, INDICON, IEEE ANTS, and APAN. Dr. Jha's one concept related to the router of Wireless Communication has been accepted by ITU (International Telecommunication Union) in 2010. He has received the young scientist author award by ITU in Dec 2010. He has received an APAN fellowship in 2011, 2012-Srilanka, 2016, and in 2017-China, 2018-Singapore, 2018-New Zealand, 2019-South Korea, and a student travel grant from COMSNET 2012. He is a Senior Member of IEEE, GISFI, SIAM, International Association of Engineers (IAENG), ACCS (Advanced Computing and Communication Society), CSI, etc. He has filed 10 Patents out of which 4 are published and 4 are in final stage. Dr. Jha had 15 years of rich academic, Industrial, and research experience in various institutes/Universities including IIITDM Jabalpur, NIT-Surat, SMVD University and Capgemini India Pvt. Ltd. He has also served as an organizing member and TPC member for several national and international conferences. He has organized many workshops and has also been invited as a resource person in many workshops organized by prestigious research institutes. He has guided more than 10 Ph.D. students. He has guided more than 15 M. Tech and more than 100 B. Tech students for various projects. More than 6401 citations in his credit in wireless communication and its related areas.

Interest

He is currently involved in research of 5G/6G, IoT (Internet of Thing), AI/ML, and SDN (Software Defined Networking) with Optical Interface Network. I am also carrying out research FSO (Free Space Optics), Fiber Grating, and Security issues in Optical and Wireless Communication at IIITDM Jabalpur, India. My research is focus on architecture, Power optimization, D2D Resource allocation, and Security issues.

Professional Experience

Oct 2023 – Professor Central University Jammu

Aug 2021- Oct 2023- Associate Professor IIITDM Jabalpur

Jan 2018-August 2021 Associate Professor Shri Mata Vaishno Devi University

JULY 2012-Jan 2018 Assistant Professor Shri Mata Vaishno Devi University

July 2009-July 2012 Teaching and Research- National Institute of Technology Surat

June 2008-July 2009 Associate Consultant Capgemini India Pvt. Ltd.

Administrative Positions

August 2021-2023- Professor In-charge (Innovation and Incubation Cell & Patent and Copyright Cell)-
IIIT Jabalpur

Associate Dean Academic- IIIT Jabalpur, JOSAA, CCMT Coordinator

August 2021- 2022- Professor In charge SPACS – IIIT Jabalpur

Feb 2019-Aug 2021 Dean(R&D) Coordinator of NIRF Ranking, Times Ranking and JOSAA, CCMT
Coordinator

July 2018- Feb 2019- Associate Dean(R&D) Coordinator of NIRF Ranking, Times Ranking etc.

2019-2021 CCMT Coordinator M. Tech Admission through CCMT

For More Information: <https://scholar.google.com/citations?hl=en&user=qlefHKIAAAAJ>