



Dr. Dharmendra Singh

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Dharmendra Singh was born in Varanasi, U. P., India and he basically belongs to Jaunpur, U.P., India. He received his Ph. D degree in Electronics Engineering from Indian Institute of Technology (Banaras Hindu University) Varanasi, Varanasi, U.P., India. He is Senior Member of IEEE. He has more than 25 years of experience of teaching and research. He received various fellowships and awards by the national and international bodies mainly Monbusho Fellowship, **Japan**, UCAR Fellowship, **USA**, MERIT Fellowship, **European Union**, DAAD Fellowship, **Germany**, TWAS Fellowship, **China**, IFCAM Fellowship, **France**, TWAS Fellowship, **Brazil** and many others. He worked as Visiting Scientist/Post doc Fellow at Information Engineering Department, Niigata University, **Japan**, German Aerospace Center, **Germany**, Institute for National Research In Informatics and Automatique, **France**, Institute of Remote Sensing Application, **Beijing, China**, Karlsruhe University, **Germany**, UPC, Barcelona, **Spain** and visited several other laboratories in other countries. He has visited more than **20 countries** for academic purpose and having strong collaborations with many of them. He received best innovation award in India Mobile Congress-2017 for development of Satellite Based Agriculture Information System. He has received the best Industrial Research award-2017 by Institution of Engineers, Roorkee Chapter. He has received Institute Chair Professorship in June 2018.

Currently he is working as Professor in Electronics and Communication Engineering Department, and Head of the Department of Computer Science and Engineering, Indian Institute of Technology Roorkee, India. He is also the Coordinator of RailTel-IIT Roorkee Center of Excellence in Telecom.

He has also started a startup DIRGHADHI TECHNOLOGY PVT LTD. (www.dirghadhi.com)

He has guided 26 Ph.D students and 12 are pursuing their Ph.D and guided more than **60 M. Tech students**. He has published more than **300 research papers** in reputed international/national journals and conferences several other products in which one is "Satellite Based Agriculture Information System (www.aisitr.in/modis/) and also available in Google Play Store as "AIS_IITR" . His main research interests involve ICT application, Image analysis, Image Fusion, Machine Learning, Deep Learning, Satellite data application, electromagnetic wave interaction with various media, polarimetric and interferometric application of microwave data, microwave imaging like through wall imaging, ground penetrating radar and numerical modeling, radar absorbing materials, stealth application.