

Brief Biography of the Candidate

Mr. Harshavardhan S obtained B. Tech. degree in Electronics & Communication Engineering from Bapatla Engineering College, India (affiliated to Acharya Nagarjuna University, Andhra Pradesh) in 2010 with honors. In 2013, he received the M. Tech. degree in Signal processing, Communication and Networks from Indian Institute of Information Technology (IIT) Kanpur, India. In the same year, he was also awarded with the best teaching assistantship award in the EEE department of IIT Kanpur.

He has been associated with Birla Institute of Technology and Science (BITS) Pilani, Pilani Campus as a lecturer in Electrical and Electronics Engineering Department, since July. 2015. His research interests include, auditory signal processing, Image and video processing. He has published three research papers in peer reviewed international journals and three papers in national and international conferences.

Brief Biography of the Supervisor

Dr. Anantha Krishna Chintanpalli is an Assistant Professor in the Electrical and Electronics Engineering department at Birla Institute of Technology and Science (BITS), Pilani. He received B. E. degree in Electrical and Computer Engineering (ECE) from the University of West Indies (UWI), St. Augustine, Trinidad and Tobago, in 2000. He then completed Masters in ECE (with signal processing as a specialization) from University of Rhode Island (USA), in 2005. In 2011, he received a Ph. D. in the Biomedical Engineering from Purdue University. His specialization was on auditory signal processing and hearing sciences. He then moved to the Medical University of South Carolina (USA) and completed his post-doctoral training in 2014. Since Oct 2014, he is with BITS Pilani.

His current research interests include signal processing, bio-medical signal processing, auditory modeling to predict speech perception, psychoacoustics, speech processing and artificial neural networks. He is a member of IEEE, Acoustical Society of America (ASA) and Association for Research in Otolaryngology (ARO). He has published papers in the reputed hearing-related international journals (JASA, JARO and speech communication) and presented his research in several international conferences in India and USA. He is a reviewer to the IEEE Signal Processing, European Association for Signal Processing and European Archives of Oto-Rhino-Laryngology and Head & Neck.