

Dr. M. Vinod Kumar

Assistant Professor

ECE

Bapatla Engineering College, Bapatla.

Email: mogadala.vinod@gmail.com



Biography

M. Vinod Kumar, received his B.Tech degree in ECE from Vignan's Institute of Information Technology, M.Tech in Telecommunication Systems Engineering from IIT Kharagpur and completed Ph.D from Andhra University under Visvesvaraya PhD Scheme for Electronics and IT supported by Ministry of Electronics & Information Technology (MeitY), Government of India. He has 8 years of Teaching Experience as Assistant Professor. His areas of interest are Hybrid Free Space Optical and millimeter wave communications, Cooperative Communications, Energy Harvesting techniques, Orthogonal Time Frequency and Space (OTFS) modulation and Machine Learning, etc.

Awards & Honors

1. Received Fellowship under Visvesvaraya PhD scheme for Electronics & IT supported by Ministry of Electronics & Information Technology (MeitY), Government of India.
2. Qualified for Assistant Professor under UGC National Eligibility Test.
3. Ratified as Assistant Professor by JNTU Kakinada.

Selected Publications

1. M Vinod Kumar, Bharati B., Babji Prasad Ch., and G. Sasibhushana Rao **"GPS Signal Multipath Error Mitigation Technique"** in book **Satellites Missions and Technologies for Geosciences**, DOI: 10.5772/intechopen.92295, July 2020.
2. Vinod Kumar M, G Sasibhushana Rao, **"Estimation of FSO Link Availability for Visakhapatnam Coastal Region,"** Springer Microelectronics, Electromagnetics and Telecommunications, ISSN: 1876-1100, vol. 655, pp. 381-389, 2020 (SCOPUS Indexed).
3. Vinod Kumar M, G Sasibhushana Rao, **"Dual Hop Hybrid FSO/RF based Backhaul Communication System for 5G Networks,"** IEEE-International Conference on Wireless Communications, Signal Processing and Networking, Mar. 2019, ISBN: 978-1-5386-9279-0/19 (SCOPUS Indexed).
4. Vinod Kumar M, G Sasibhushana Rao, **"Wireless Optical based Backhaul Communications for 5G Cellular Systems,"** IEEE- International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering, Jul. 2018, ISBN:978-1-5386-5955-3/18 DOI: 10.1109/ICRIEECE44171.2018.9009308 (SCOPUS Indexed).
5. Vinod Kumar M, G Sasibhushana Rao, **"FSO based 5G Mobile Cellular Systems for Urban Canyons,"** Springer Microelectronics, Electromagnetics and Telecommunications, ISSN: 1876-1100, vol. 521, pp. 395-400, 2018. (SCOPUS Indexed).