

R. Bhargav Ram

Assistant Professor

Department of ECE,

Bapatla Engineering College, Bapatla.

Email : bhargav412@gmail.com



Biography

Bhargav Ram Rayapati completed B. Tech from Gudlavalleru Engineering College in the year 2011. He pursued M. Tech with specialization in Computers and Communications from Jawaharlal Nehru Technological University-Kakinada in the year 2014. He worked as Assistant Professor in Vignan's Nirula Institute of Technology and Science for Women from February 2015 to December 2015. Further, he had been to Sri Vasavi Engineering College till September 2016 and subsequently to full time Ph.D at Pondicherry University. His area of research is Energy Conservation in Passive Optical Networks. Further he has published his works in 03 International Journals and presented 04 International/National Conferences. Currently, he is working as Assistant Professor in Bapatla Engineering College. His other areas of interest are Photonics, Image Processing, Optical-Wireless Communication, and Embedded Systems.

Awards & Honors

Selected Publications

- R. Bhargav Ram, and R. Nakkeeran, "Bridging electrical power and entropy of ONU in EPON" *Optoelectronics letters*, Springer 2020.
- R. Bhargav Ram, and R. Nakkeeran, "Heuristic polling sequence to enhance sleep count of EPON" *Frontiers of Optoelectronics*, Springer, vol. 12, no. 4, pp. 422-432, 2019.
- R. Bhargav Ram, R. Nakkeeran, "Ring Topologies with Energy Efficient Scheduling of ONUs in TWDM PON," *Prog. In. International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (2019)*, NITT, Tiruchirapalli, India.
- R. Bhargav Ram, R. Nakkeeran, "Investigation on Energy Efficient Ring Topology in TWDM PON Interconnections," *Prog. In. The International Conference on Fiber Optics and Photonics (PHOTONICS-2018)*, IITD, Delhi, India.
- R. Bhargav Ram, R. Nakkeeran, and Sh. Enaul Haq, "Investigation on Power Efficiency of GPON with Heterogeneous Traffic," *Prog. In Electromag. Res. Symp (2017)*, NTU, Singapore.