



Dr. K. Chenna Reddy, M. Sc., Ph. D.
BOS, Assistant Professor
Email: chennaou@gmail.com

Field of specialization is Radio Astronomy, in particular meteor astronomy. Studies of meteoroid stream structures and their interaction with the Earth's atmosphere. Radio observations of meteors were carried out regularly to study the Ionospheric irregularities, dynamics of mesosphere and lower thermosphere. Radar observations by using National MST Radar Facility (NARL, Gadanki) were conducted regularly to study various showers and non-showers to understand meteor influx to the Earth atmosphere. He has successfully completed two projects 1. DST-SERB "Ionospheric aspect of meteors by using MST radar". 2. UGC-BSR Research start-up Research Grant title: "Meteor observation with the Gadanki MST radar and determination of important astronomical and atmospheric parameters". He has one project funded by OU-DST-PURSE-II on title: Twilight photometric observations of meteoric dust in the middle atmosphere. Presented many talks at international and national conferences, workshops and seminars. Actively participates in outreach activities at various schools, colleges and to common public. He is life member of the Astronomical Society of India (ASI) and the Indian Science Congress Association (ISCA).