

DISTINGUISHED FELLOW OF ATMS, Prof Mahadevan has delivered lecture on Satellite Antenna System at Ramaiah Institute of Technology.

“Satellite Antenna System”



**Prof. V. Mahadevan,
Professor,
PES University,
Sci.H (Retd.) ISRO**

Prof. Mahadevan joined ISRO satellite center and has major contribution in the development of Active Phased Array Antennas which was successfully flown and is being adopted for many future spacecrafts. He was appointed as Associated Project Director for CATF and the same was established in ISRO Bangalore. He was appointed to the post of Group Director, Communication Systems Group, ISRO Satellite Centre, Bangalore. He is presently serving as Professor in the Dept. of Electronics & Communication Engineering at PES University Bangalore.

Overview:

Satellite-based communication offers reliable communication – anywhere in the world. They are used for mobile applications such as communication to ships, vehicles, planes, hand-held terminals and for TV and radio broadcasting. Satellite’s antenna patterns play an important role and must be designed to best cover the designated geographical area (which is generally irregular in shape). Satellites should be designed by keeping in mind its usability for short and long term effects throughout its life time.

