

GUJARAT TECHNOLOGICAL UNIVERSITY
M.E. Computer Engineering
(Wireless Mobile Computing)
Semester: II

Subject Name: **Mobile Satellite Communication Network**
(Elective III & IV- Group 2)

Subject Code: **725308**

Course Content:

Mobile Communication System Evolution, Mobile Satellite Systems, Constellation Characteristics and Orbital Parameters, Channel Characteristics, Radio Link Design, Network Procedures, Integrated Terrestrial-Satellite Mobile Networks, Market Analysis, Future Developments

Text Book:

1. Mobile Satellite Communication Networks by Ray Sheriff, Y. Fun Hu/Wiley