



Muthoot Institute of Technology & Science

Varikoli P.O, Puthencruz, Ernakulam-682308

Certification in WIRELESS COMMUNICATION



MITS-KEYSIGHT Centre of Excellence RF Communication Lab

A Research & Development initiative of MITS with Keysight Technologies, USA



MITS-KEYSIGHT RF Communication Lab

The need for wireless devices are increasing day to day basis. The objective of MITS-Keysight RF Communication lab is to become a centre of excellence in imparting training to graduate students, Researchers, Innovators and Start-ups. MITS has got an advanced and well equipped RF design laboratory covering design and verification of the concepts of modern digital communication systems.

Facilities at MITS-KEYSIGHT RF Communication Lab

N5172B Signal Generator
N9010A Spectrum Analyzer -10 Hz-13.6 GHz;B.W 25/40 MHz
E5063A Network Analyzer -100KHz to 18GHz;2-port; 50 ohm
ME1000 Transceiver kit
ME1300 Antenna Propagation kit
33512B Arbitrary Waveform Generator
DSOX2012A Digital Storage Oscilloscope
MSOX4104A Mixed Signal Oscilloscope
Antennas
ADS, SystemVue , 89600 VSA , VEE Pro 9.32

About the course....

This distinctive course, developed with the support of Keysight Technologies, aims to develop a detailed technical knowledge of current practice in wireless systems and networks. As a student attending the RF Communication course, you will study the fundamentals of wireless communication systems and the latest innovations in this field.

ENTRY PREREQUISITES

B. Tech/ Diploma holders and Final year -ECE/ EEE/EI
MSc Electronics/ Physics Degree holders

CAREER OPTIONS

IOT/Radio Network Planning/ Mobility management/
Wireless Healthcare/M to M communication

