

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

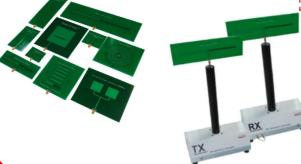
MSOX4104A Mixed Signal Oscilloscope

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











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