

Faculty of Information and Communication Engineering

M.E. Communication Systems

(R 2017) Semester – I

CU5161 Communication Systems Laboratory

(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Vector Network Analyzer (min 1GHz)	1		
2.	Spectrum Analyzer (min 1GHz)	1		
3.	PC with Matlab / Scilab / equivalent software (user license)	10		
4.	DSP Processor kit	2		
5.	Micro strip Device (Compatible with source & measuring instruments) Couplers, Antennas, Filters	1		
6.	SDR Kit	1		

Faculty of Information and Communication Engineering

M.E. Communication Systems

(R 2017) Semester – II

CU5211 RF SYSTEM DESIGN LABORATORY

(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Network analyser Equipment - 1.5 GHz (Minimum)	1		
2.	ADS/IE3D/HFSS or any similar / equivalent Electromagnetic Simulation tool for Design experiments	10		
3.	Desktop PC's for hosting Electromagnetic simulation tool	10		
4.	Inductor, Capacitor, matching circuits, filters capable of operating at 500 MHz or above	10		