

## Shivaji University, Kolhapur

# Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/157	Radar system using laptop	voltage controlled oscillator	2315-2536 MC VCO, +6dBm out	1	Shopping
		Splitter	1900-4200 MC, 0.1 insertion loss	1	
		Mixer	13 dB LO, 6.1 dB loss, IP 19dBm	1	
		Attenuator	3dB SMA M-F attenuator	1	
		capacitor	1uf film cap, 1uF electrolytic cap, 10uf electrolytic cap. 1 tuning cap.	1	
		Modulator	function generator chip	1	
		Resistor	microwave resistor i.e. High frequency resistors	30	
		Batteries	4×AA battery pack with power switch batteries	1	
		Trimer Potentiometer	LEDs, woodcans, brackets	11	
		Amplifier	Low noise quad op- amp	11	
		Other hardware	LEDs, woods cans, brackets, screws, bolts etc	2	