


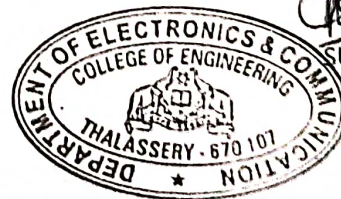
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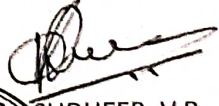
DEPARTMENT OF ECE

SPECIFICATION FOR SDR

Item	Specification	Rate (Rs)	Quantity	Amount (Rs)
SDR Module (ADALM-PLUTO)	<ul style="list-style-type: none">• Portable self-contained RF learning module.• Cost-effective experimentation platform• Based on Analog Devices AD9363—Highly Integrated RF Agile Transceiver and Xilinx® Zynq Z- 7010 FPGA• RF coverage from 325 MHz to 3.8 GHz• Up to 20 MHz of instantaneous bandwidth• Flexible rate, 12-bit ADC and DAC• One transmitter and one receiver, half or full duplex• MATLAB®, Simulink® support• GNU Radio sink and source blocks• libiio, a C, C++, C# and Python API• USB 2.0 Powered Interface with Micro-USB 2.0 connector		2	


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