

RESEARCH LABORATORIES & CENTRALIZED INSTRUMENTATION FACILITIES
Department of Electronics and Communication Engineering, NIT
Tiruchirappalli

S.No	Name of the Equipment	Name of the Laboratory	Short description of the Equipment (Model, Make Important Details)	Faculty In charge Contact Details
1	TMS320C54x DSP kit and its software for real time signal processing (20Nos.)	Digital Signal Processing Laboratory	TI make-C5416 16-bit Fixed point DSP board of speed 200MHz with real time audio and video signal processing capabilities	Dr. M.Bhaskar 0431-2503310
2	TMS320C64x DSP kit and its software for real time signal processing (10 Nos.)	Digital Signal Processing Laboratory	TI make-C6416 32-bit Fixed point DSP board of speed 600MHz with real time audio and video signal processing capabilities	Dr. M.Bhaskar 0431-2503310
3	TMS320C67x DSP kit and its software for real time signal processing (10 Nos.)	Digital Signal Processing Laboratory	TI make-C6713 32-bit Floating point DSP board of speed 600MHz with real time audio and video signal processing capabilities	Dr. M.Bhaskar 0431-2503310
4	TMS320C55x DSP kit and its software for real time signal processing (10 Nos.)	Digital Signal Processing Laboratory	TI make-C5510 16-bit Fixed point DSP board of speed 400MHz with real time audio and video signal processing capabilities	Dr. M.Bhaskar 0431-2503310
5.	Spectrum Analyzer-9KHz to 7.5GHz	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
6.	WARP V3 Kit (2 Nos)	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
7.	Logic Analyzer	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
8.	Virtex 7 FPGA	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
9.	Virtex II Pro Kit	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
10.	Basys 3 Board	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
11.	Zybo board	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307

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12.	Xilinx Kintex-7 FPGA DSP kit	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
13.	Xilinx Virtex -5 Board	Wireless System Design Laboratory		Dr. G Lakshminarayanan. 0431-2503307
14.	Xilinx Zync FPGA Board	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
15.	USRP N210	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307
16.	FPGA DSP kit	VLSI Laboratory		Dr. G Lakshminarayanan 0431-2503307
17.	NET FPGA	Wireless System Design Laboratory		Dr. G Lakshminarayanan 0431-2503307