



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF EXPERIMENTS

Lab Name : EMBEDDED SYSTEMS LAB - II

1. ATMEL CPLDs – Prochip designer a) Schematic entry b) VHDL entry
2. AT40K FPGA series – synthesis – design – simulation of application programs
3. Xilinx EDA design tools – device programming – PROM programming
4. Programming & Simulation in GUI Simulators /Tools
5. Code compressor studio for embedded DSP using Texas tool kit
6. Programming ARM processor :ARM7 / ARM9/ARM Cortex, Study on incircuit Emulators, cross compilers , debuggers
7. IPCORE usage in VOIP through SoC2 tools
8. Programming with Rasberry Pi Microcontroller Board :Study on incircuit Emulators, crosscompilers, debuggers
9. Third party tools for embedded java and embedded C++ applications through cadence tools

HOD-ECE