

SYLLABUS :-

Programming Exercises with Microprocessors (Intel 8086 family) and Microcontroller Controller kits (Intel 8051, 8096, Motorola 68705); Familiarity with the DSP(TI 6000 and 2000 series, ADSP 2000 series); FPGAs and their applications. Interfacing experiments with i/o ports, timers, ADC-DAC, stepper motor interface; Simple applications of embedded processors in signal processing, real time control and consumer electronics. Exposure to software development platforms and environments and simple operating systems.