

FACILITIES AVAILABLE

HARDWARE

Microcontroller Development Tools

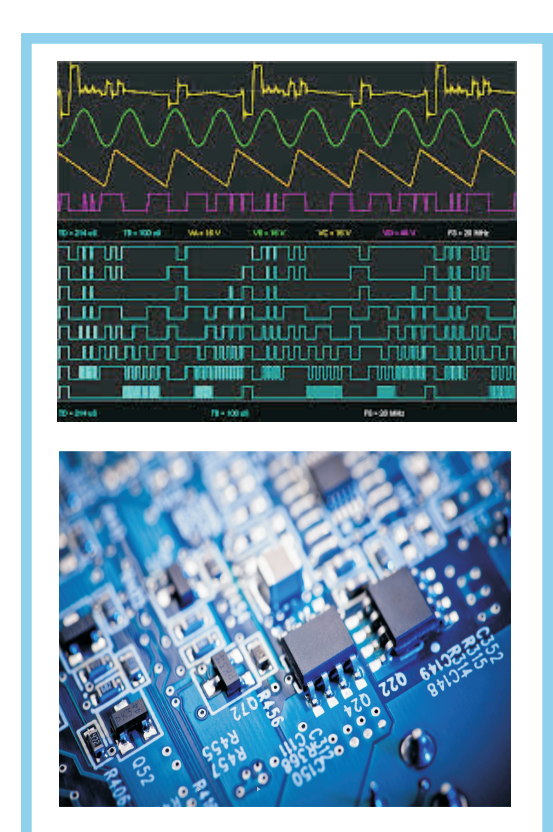
32 bit ARM Cortex, ARM9, 16 bit 80C196, 8 bit 8051

DSP Kits

TI and Analog Devices

DATA IO Programmers, Logic Analyzer, IC Testers

DSO, SMD Soldering/Rework Stations, Stepper and Servo Motors



SOFTWARE

VxWorks and RtLinux RTOS Tools

ARM Developer Suite Tools

KEIL µvision Tools

MATLAB Tools

OrCAD EDA Tools

FPGA System Design Tools

ACTIVITIES

FORMAL PROGRAMS

M.Tech

Embedded Systems

Electronic Design Technology

TRAINING

PROGRAMS

- Post Graduate Diploma in Embedded System Design
- Post Graduate Diploma in Embedded Wireless & Mobile Applications
- All India PG Diploma in Embedded Real-Time Systems
- Faculty Development Programs /Corporate Training Programs

R&D ACTIVITIES/PROJECTS(ONGOING/COMPLETED)

- Microcontroller based Test Jig Controller for Collimator testing - OEN Cochin
- Audio Frequency Digital Filter - BPL Telecom, Palakkad
- Three axis Motion Control Card using 80C196 Microcontroller - MTAB Madras
- MIKE Testing Unit - BPL Telecom, Palakkad
- Add-on Card for Servo Motor Control Application using SBC-196D - MTAB Madras

INHOUSE DEVELOPED LOW COST EMBEDDED DEVELOPMENT SYSTEMS

Integrated Microcontroller Development System

- IMDS-51
- IMDS-196
- IMDS-196D

DSP Application Development System (DADS-32)

Add-on cards

INDUSTRY SPONSORED TRAINING PROGRAMS

- Embedded System Design with 8051 and ARM Microcontrollers
DRDO Professionals
- Designing with Microcontrollers
Premier Polytronics, Coimbatore
- EDA Tools
Sun Fibre Optics, Cochin
- Designing with DSP
BPL, Palghat
- Electronics Design
Sun Fibre Optics, Cochin

FACULTY DEVELOPMENT PROGRAMS

- TI 6713 DSP
NIT Calicut, Government Engineering College, Kozhikode & Palakkad.
- Embedded Systems
Government Engineering College, Kozhikode & Palakkad.
- ARM Cortex
Vignan University, Guntur

MAN POWER

- K M Martin, (Group Head) Sci/Eng 'E'
- Shoukath Cherukat Sci/Eng 'D'
- Rajesh M Sci/Eng 'C'
- Manoj N Tech Officer
- Viswanath Naik Sr.Tech Asst

