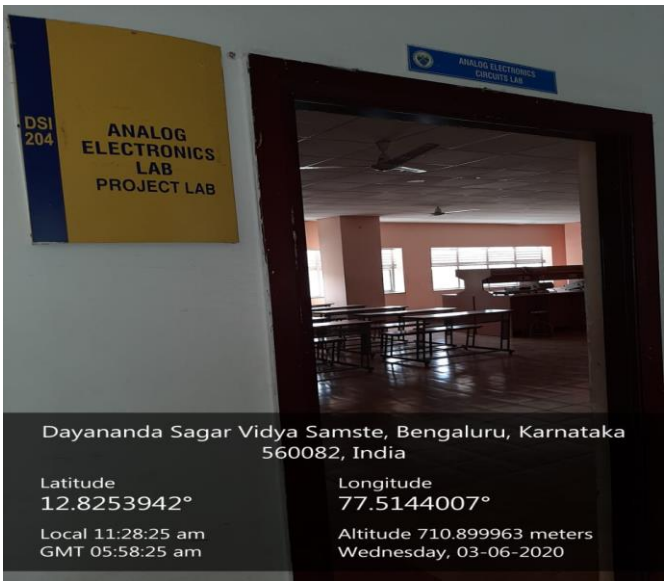
Laboratories:

Lab – 1: Analog Electronics Laboratory/Electronic Devices laboratory



Dimension: 1390Sq ft (127.88Sq.mt)

Lab -1

Odd Semester –AEC/ED Lab

This laboratory provides knowledge on the analog electronic circuits and electronic devices. It will also strengthen the ability to apply knowledge gained in the design of Clippers, clampers, RC coupled amplifiers. It exposes the student to the fundamental concepts and techniques in electronics

Equipments:300 MHz 2 Channel CRO(oscilloscope), 3 MHz Signal generator with 40Mhz frequency counter, Power supply (+/- 12v), Diode BY-127 / IN-4007, MOSFET, Resistors, LED, Bread board, CRO Probes,Connecting wires roll, Component Box

Lab – 2: Logic Design/Digital Switching Design Laboratory

Dimension: 1324 Sq.ft (122.99Sq.mt)

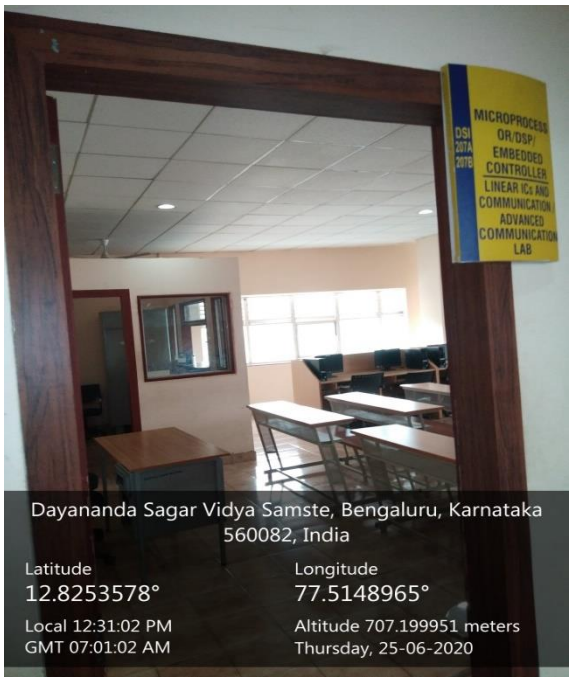
Lab -2

Odd Semester –LD/DSD Lab

This laboratory provides knowledge on the Digital electronic circuits. It will also strengthen the ability to apply knowledge gained in the design of basic gates, combinational circuits, and sequential circuits. It exposes the student to the fundamental concepts and techniques in electronics

Equipments: IC Trainer kit, Patch Chords, IC Tester, PC

Lab – 3: Microprocessor/Digital Signal Processor/Embedded Controller Laboratory



Dimension: 980Sq ft (91.04Sq.mt)

Lab -3

Odd Semester-DSP Lab
This laboratory provides the knowledge about the MAT LAB Programs and its interface with Texas kits using C Language**.**

Even Semester-ECL/MP,
This laboratory course will enable students to make familiar with importance and applications of microprocessors and microcontrollers. Expose architecture 8086 microprocessor and ARM Processor and instruction set of ARM Processor interfacing kits.

Equipments: Computers (36 in numbers),DSP kits, ARM Cortex

Configuration: HP, 500GB hard disk, LED Monitor, 2GB RAM, Intel core-i5 processor

Lab – 4: Advanced Digital Communication /Analog Communication+Linear Integrated Circuits Laboratory

Dimension: 980 Sq ft (91.04Sq.mt)

Lab -4

Odd Semester-ADC LAB -This laboratory provides knowledge on the Digital communication circuits. It will also strengthen the ability to apply knowledge gained in the design of micro waves, optic fiber, antenna design micro strips.

Even Semester-AC+LIC LAB- This laboratory provides knowledge on the Analog communication circuits. It will also strengthen the ability to apply knowledge gained in the design filters, oscillators, multivibrators
Equipments: Digital storage oscilloscope, 3 MHz Signal generator with 40Mhz frequency counter, Power supply (+/- 12v), Diode BY-127 / IN-4007, MOSFET, Resistors, LED, Bread board, CRO Probes, Connecting wires roll, Component Box, kits.

Lab – 5 :Hardware Description Language/Computer Communication and Network/Very Large Scale Integrated circuit Laboratory

Dimension: 1313Sq ft (123Sq.mt)

Lab -5

Odd Semester – Web Programming Lab

This course will enable students to design and develop static and dynamic web pages. Get familiarize with Client-Side Programming, Server-Side Programming, Active server pages. Also learn database connectivity to web applications.

Even Semester – Project Lab

Equipment's: Computers (36 in numbers)

Configuration: DELL, 500GB hard disk, LED Monitor, 4GB RAM, intel core-i5 processor

Lab – 6 :PowerElectronics Laboratory

Lab - 6

Odd Semester – PowerElectronics Laboratory

This laboratory provides knowledge on the power electronic circuits. It will also strengthen the ability to apply knowledge gained in the SCR,MOSFET,IGBT,RC Triggering (HWR&FWR), UJT, Parallel & Serial inverters.

Equipments: Power Electronics KITS.

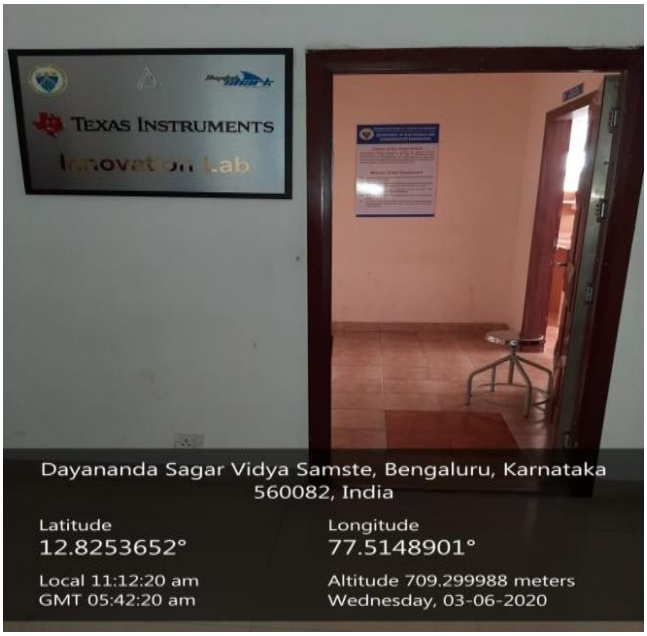
Program specific laboratories-ECE

Lab - 1

Even/Odd Semester- NI Laboratory

Equipments:10 Computers (enabled with LAN),MyRIO-10,MyDAC-10,Mechatronics-11,Embedded kit-10

Dimension: 1506.95Sq.ft (140 sq.mt)



Lab - 2

Texas Instruments Laboratory

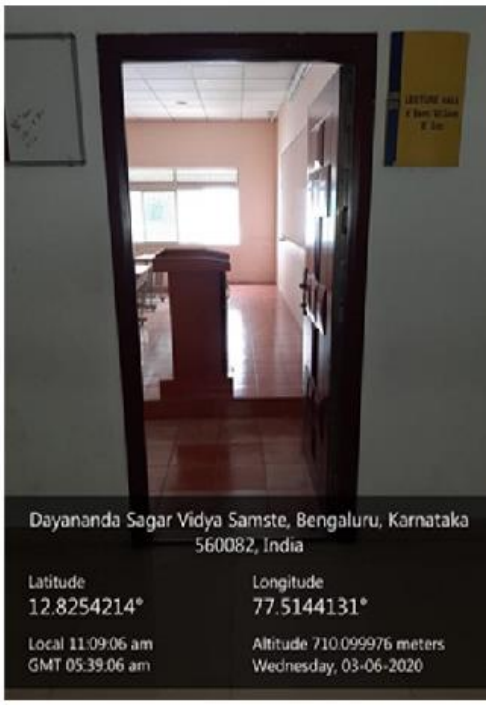
EquipmentsMSP KITS,Grove Starter Kit

Class Room

Room No: 208

Room No: 211

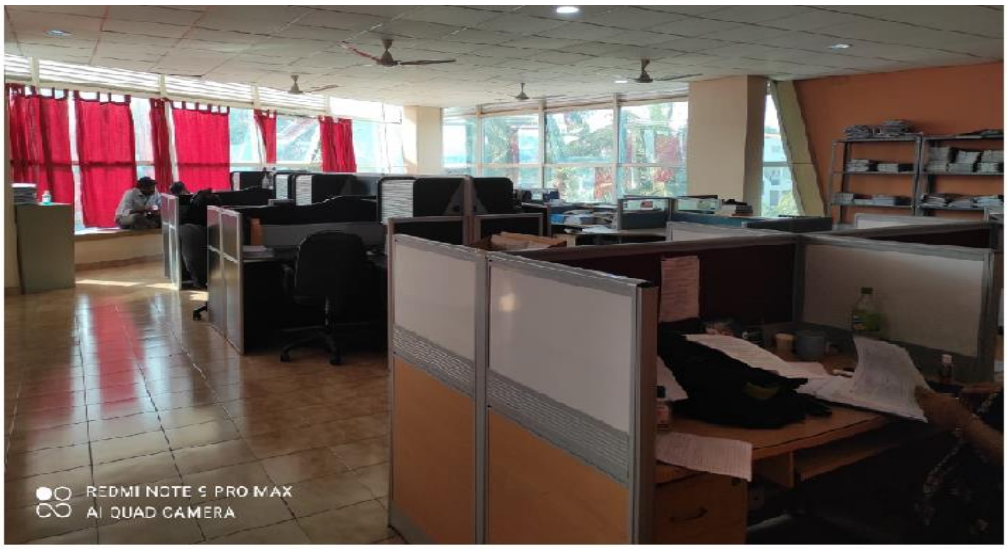
Room No: 203



Room No: 210

HOD's Room	Department Office
 Room No: 201 Capacity: 60 Dimension: 754Sq.ft. (70.04 Sq.mt)	 Room No: 202 Capacity: 60 Dimension: 754 Sq.ft. (70.04 Sq.mt)

Staff Room



Dimension: 1005.86 Sq. ft.