



Mahatma Education Society's Pillai College of Engineering

(Autonomous) (NAAC A+ Accredited)



MAKERS DAY 2023

14th sept. 2023 Time: 09 am - 01 pm

Innovation and Research Center (P002)

Drone Consultancy
Hardware Tools
Research Projects



Makers Studio/CNC Lab (R002)

Component Library
3D Printing
Laser Cutting
CNC Machine



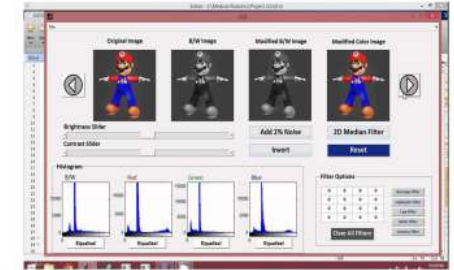
Strength of Material Lab (R003)

Uniaxial testing
Impact Testing
Hardness Testing



Big Data and IOT (R101)

Data Mining and Big Data tools link
Weka, Hadoop, NoSQL Database &
MapReduce
Node Mcu, Arduino, Raspberry Pi



CISCO Networking Training Center (S101)

Java 7
Geany
Build Essential
Cisco Packet Tracer
Python
WIRESHARK
NAM
Kali Linux



PC Assembly & Debugging (S103)

Assembly and disassembly of PC

Database Lab (S107/S108)

JTubo C++
WPC
Sy-Labs
pos GreSQL



Material Technology Lab (J101)

Material Testing Facility



CAD FEA Lab (J201)

AutoCAD / Solidworks

ANSYS

MATLAB



AUTODESK®
AUTOCAD®



Metrology and Quality Control Lab (J202)

Inspection and Quality Instruments



Digital Forensic Lab (S207)

Turbo +

JAVA

pos greSQL

kali linux



PostgreSQL



Microprocessor and Microcontroller Lab (T401)

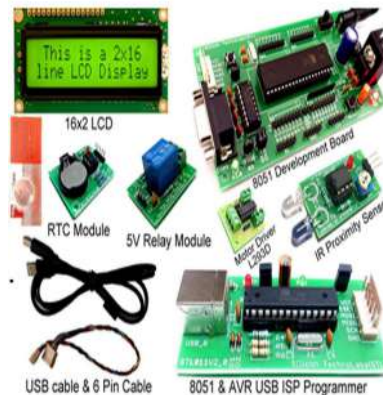
Atmel 89v51RD2

PIC Microcontrollers

Interfacing Devices - DC,

Stepper Motors

ADC/DAC, LCD, Keypad etc.



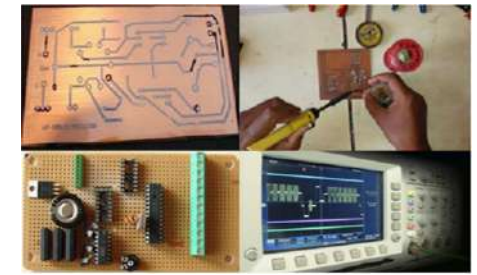
Communication Lab (T403)

Analog Mod/DeMod Kits

Digital Mod/DeMod Kits

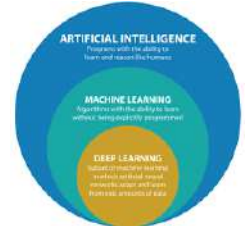
Digital Signal Processing Kits

Various Antennas



Artificial Intelligence and Machine Learning Lab (P407)

High-end Workstations



Industry 4.0 Lab (P409)

Dobot Training Kit

Robotics and Automation

5G Communication



Spark Racing Car



Hyperion Racing Team



Vanguard Racing Team



Gymkhana (Workshop Shed)

