



**Mahatma Education Society's  
Pillai College of Engineering**  
(Autonomous) (NAAC A+ Accredited)



# MAKERS DAY 2022

**3rd Dec 2022 Time : 09 am - 01 pm**

## Innovation and Research Center (P002)

Drone Consultancy  
Hardware Tools  
Research Projects



## CAD FEA Lab (J201)

AutoCAD / Solidworks  
ANSYS  
MATLAB



## Metrology and Quality Control Lab (J202)

Inspection and Quality Instruments



## Makers Studio/CNC Lab (R002)

Component Library  
3D Printing (FDM / SLA)  
Laser Cutting  
CNC Machine



## Automotive Lab (Workshop Shed)



## Strength of Material Lab (R003)

Uniaxial testing  
Impact Testing  
Hardness Testing



## Material Technology Lab (J101)

Material Testing Facility



## PC Assembly & Debugging (J101)

Assembly and disassembly of PC

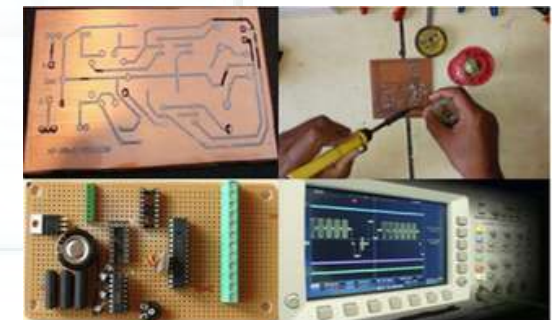


## Microprocessor and Microcontroller Lab (T401)

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





# MAKERS DAY 2022

## CISCO Networking Training Center (S101)

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



## Database Lab (S107/S108)

JTubo C++  
WPC  
Sy-Labs  
pos GreSQL



**SY-LAB**



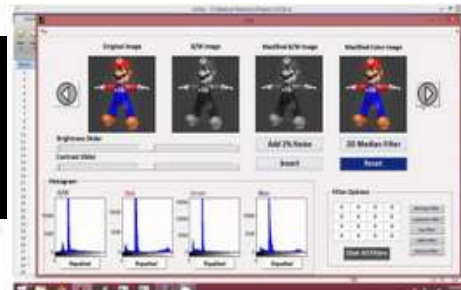
## Big Data and IoT (R101)

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



## Digital Forensic Lab (S207)

Turbo +  
JAVA  
pos greSQL  
kali linux



PostgreSQL

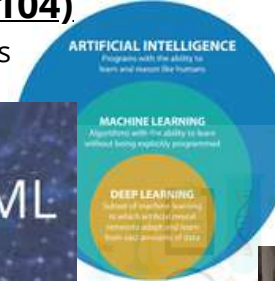
## Industry 4.0 Lab (P409)

Dobot Training Kit  
Robotics and Automation  
5G Communication



## Artificial Intelligence and Machine Learning Lab (S104)

High end Workstations



**SPARK Racing Team (SRT)**  
(Workshop Shed)



**Gumkhana (Workshop Shed)**



**Vanguard Racing Team (VRT)**  
(Workshop Shed)



**Hyperion Racing Team (HRT)**  
(Workshop Shed)