PAAVAI ENGINEERING COLLEGE (Autonomous)
Pachal, Namakkal – 637 018.

List of Laboratory in all Departments

S.No	Name of the Laboratory
1.	Physics and Chemistry Laboratory I
2.	English Communication Skills Laboratory
3.	Basic Aeromodelling Laboratory
4.	Physics and Chemistry Laboratory II
5.	Engineering Practices Laboratory
6.	Computer Programming Laboratory
7.	Fluid Mechanics and Machinery Laboratory
8.	Strength of Materials Laboratory
9.	Thermodynamics Laboratory
10.	Aerodynamics Laboratory
11.	Aircraft Structures Laboratory - I
12.	Business English Course Laboratory
13.	Aircraft Structures II Laboratory
14.	Propulsion laboratory
15.	Career Development Laboratory I
16.	Aero CAD and CAM Laboratory
17.	Aircraft Engine and Structures Repair Laboratory
18.	Avionics and Aircraft Systems Laboratory
19.	Career Development Laboratory II
20.	Computer Aided Drafting Laboratory
21.	Crop Husbandry Laboratory
22.	Agricultural Engineering Practices Laboratory
23.	Surveying Laboratory
24.	Fluid Mechanics and Strength of Materials Laboratory
25.	Drawing of Farm Structures
26.	Soil Mechanics and Water Quality Laboratory
27.	Operation and Maintenance of Farm Machinery Laboratory
28.	Biomass Energy Conversion Laboratory
29.	GIS Laboratory for Agriculture Engineers
30.	CAD Laboratory for Agriculture Engineers
31.	ICT Laboratory for Agriculture Engineers
32.	Survey Practical I
33.	Computer Aided Building Drawing
34.	Hydraulic Engineering Laboratory
35.	Survey Practical II
36.	Data Structures and Algorithms Laboratory
37.	Digital Laboratory
38.	Object Oriented Programming Laboratory
39.	Data Base Management Systems Laboratory
40.	Networks Laboratory
41.	Microprocessor and Microcontroller Laboratory
42.	Graphics and Multimedia Laboratory
43.	Java and Internet Programming Laboratory
44.	Operating Systems Laboratory

45.	Object Oriented Analysis and Design Laboratory
46.	Compiler Design Laboratory
47.	Artificial Intelligence Laboratory
48.	Open Source Software Laboratory
49.	Cloud Computing Laboratory
50.	Mobile Application Development Laboratory
51.	Circuits And Devices Laboratory
52.	Electronic Circuits I Laboratory
53.	Digital Electronics Laboratory
54.	Data Structures and Object Oriented Programming Laboratory
55.	Electronic Circuits II Laboratory
56.	Linear Integrated Circuits Laboratory
57.	Digital Signal Processing Laboratory
58.	VLSI Laboratory
59.	Embedded Systems Laboratory
60.	Microwave, Optical and Communication Laboratory
61.	Electric Circuits Laboratory
62.	Electronics and Instrumentation Laboratory
63.	Object Oriented Programming With C++ Laboratory
64.	Electrical Machines I Laboratory
65.	Linear Integrated and Digital Circuits Laboratory
66.	Electrical Machines II Laboratory
67.	Control Systems Laboratory
68.	Power Electronics Laboratory
69.	Electrical Drives Laboratory
70.	Manufacturing Technology Laboratory I
71.	Electrical Engineering Laboratory
72.	Thermal Laboratory
73.	Manufacturing Technology Laboratory II
74.	Dynamics Laboratory
75.	Metrology and Measurements Laboratory
76.	Heat Transfer Laboratory
77.	Simulation and Analysis Laboratory
78.	Computer Aided Design Laboratory
79.	Design and Fabrication Project
80.	Computer Aided Machine Drawing
81.	Sensors and Instrumentation Laboratory
82.	CNC Programming Laboratory
83.	PLC and Automation Laboratory
84.	Hydraulics and Pneumatics Control Laboratory
85.	Mechanical Operations Laboratory
86.	Mechatronics Laboratory
87.	Computer Aided Manufacturing Laboratory
88.	Fluid Mechanics Laboratory
89.	Technical Analysis Laboratory
90.	Process Heat Transfer Laboratory
91.	Mass Transfer Laboratory
92.	CAD/CAM Laboratory
93.	Robotics Laboratory
94.	Process Control Laboratory

95.	Chemical Reaction Engineering Laboratory
96.	Process Equipment Design I
97.	Computer Networks and Internet Programming
98.	CASE Tools Laboratory
99.	Bio Chemistry Laboratory
100.	Biosensors and Measurement Devices Laboratory
101.	Pathology and Microbiology Laboratory
102.	Biomedical Signal Processing Laboratory
103.	Medical Instrumentation Laboratory
104.	Diagnostic and Therapeutic Equipment Laboratory
105.	Instrumentation Laboratory
106.	Microbiology Laboratory
107.	Instrumental Methods of Analysis Laboratory
108.	Food Fermentation Laboratory
109.	Heat and Mass Transfer Laboratory
110.	Dairy Engineering Laboratory
111.	Baking and Confectionary Laboratory
112.	Food Processing Engineering Laboratory
113.	Fruits, Vegetable Processing and Food Packaging Laboratory
114.	Physical Pharmaceutics Laboratory
115.	Analytical Methods and Instrumentation Laboratory
116.	Molecular Biology and Genetic Engineering Laboratory
117.	Medicinal Chemistry Laboratory
118.	Bioprocess Engineering Laboratory
119.	Technology of Dosage Forms Laboratory
120.	Programming in C Laboratory
121.	Data Structures Laboratory
122.	Communication System Design Laboratory
123.	RF and Networks Laboratory
124.	Advanced Data Structures Laboratory
125.	Advanced Algorithms Laboratory
126.	Web Analytics and Development Laboratory
127.	Power System Simulation Laboratory I
128.	Power System Simulation Laboratory II
129.	Advanced Concrete Laboratory
130.	Structural Design Laboratory
131.	Office Automation Laboratory
132.	Web Technology Laboratory
133.	Programming in Java Laboratory
134.	Communication and soft skills laboratory
135.	C# and .NET Programming Laboratory
136.	Python and R Programming Laboratory