



SRI VENKATESA PERUMAL COLLEGE OF ENGINEERING & TECHNOLOGY

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RVS Nagar, K.N Road, Puttur, Chittoor dist, AP. | www.svp cet.org

DEPARTMENT OF MECHANICAL ENGINEERING

Laboratories and Technical Manpower

S.No	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the Important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	Engineering Workshop Lab	30	Carpentry Vice, Wooden Mallet, Metal Jack Plane, Marking Gauges, Wood Rasp File, Hand Saw, Tenon Saw, Compass, Carpentry, Fitting And Welding Try Square, Moulding Boxes, Arc Welding, Sledge, Chipping Hammer, Pick Up Tongs, Anvil, Forge Furnace, Rubber, Plastic And Nylon Mallet, Standard Wire Gauge, Bench Shear Machine, Fitting Bench Vice, Ball Peen, Cross Peen & Claw Hammer.	24 periods	Mr. V. Mohan Reddy	Lab Technician	I.T.I
2.	Material Science Engineering Lab	30	Rockwell Hardness Testing Machine, Metallurgical Microscope, Polish Machine	24 periods	Mr. M. Babu Pullana	Lab Technician	Diploma
3.	Mechanics of Solids Lab	30	Universal Testing Machine, Compression Testing Machine	24 periods	Mr. P. Sai Kumar	Lab Technician	B.Tech
4.	Fluid Mechanics & Hydraulic Machinery Lab	30	Pelton Wheel, Impact of Jet Vane, Reciprocating Pump,	24 periods	Mr. P. Jaya Prakash	Lab Technician	B.Tech
5.	Manufacturing Technology Lab	30	Injection Moulding, Hydraulic press	24 periods	Mr. M. Babu Pullana	Lab Technician	Diploma
6.	Thermal Engineering	30	2 – Stroke Petrol Engine, 4 – Stroke Petrol Engine, 4 –	24 periods	Mr. T.E. Chinna	Lab Technician	B.Tech

	Lab		Stroke Diesel Engine,		Dorai	an	
7.	Metrology Lab	30	Tool Maker's Microscope, Vernier Calipers, Bevel Protractor, Spirit Level,	24 periods	Mr. P. Sai Kumar	Lab Technician	B.Tech
8.	Machine Tools Lab	30	Lathe Machine, Milling Machine, Grinding Machine	24 periods	Mr. M. Babu Pullana	Lab Technician	Diploma
9.	Heat Transfer Lab	30	Composite Slab Apparatus, Concentric Sphere Apparatus, Pin-Fin Apparatus,	24 periods	Mr. P. Jaya Prakash	Lab Technician	B.Tech
10.	Applied Mechanics Lab	30	Single Gear Box, Double Gear Box	24 periods	Mr. M. Prudviraj	Lab Technician	B.Tech
11.	Instrumentation and Control Systems Lab	30	Rotameter Trainer, Pressure Gauge, McLEOD Gauge,	24 periods	Mr. M. Babu Pullana	Lab Technician	Diploma
12.	CAD/CAM Lab	30	Auto CAD, Catia, Pro – E software packages	24 periods	Mr. P. Jaya Prakash	Lab Technician	B.Tech