



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

DEPARTMENT FACILITIES

PRACTICAL -CHART LIST

SR.NO	NAME OF CHART	QUANTITY
1	Study Of Temperature Sensor Rtd And Thermister	1
2	Instrumentation Amplifier Using Opamp	1
3	Precision Rectifier Using Opamp	1
4	Log Amplifier Using Opamp	1
5	Function Generator Using 8038	1
6	Study Of Photo Relay	1
7	Study Of Active Filter : Band Pass	1
8	Pressure Measurement Using Transducer	1
9	Clipping And Clamping Circuit Using Opamp	1
10	Schmitt Trigger Using Opamp	1
11	Study Of Solid State Switches (Traic And Mosfet)	1



12	Ldr Characteristics	1
13	Study Of Simple Dipole $\Lambda/2$ Antenna	1
14	Study Of Folded Dipole $\Lambda/2$ Antenna	1
15	Study Of Simple Dipole $\Lambda/4$ Antenna	1
16	Study Of Yagi-Uda 5 Element Simple Dipole Antenna	1
17	Study Of Yagi-Uda 3 Element Folded Dipole Antenna	1
18	Voice Over Optical Fiber	1

HOD
HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad

Principal
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Yashwantrao Chavan College of Science, Karad



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DEPARTMENT OF ELECTRONICS

DEPARTMENTAL FACILITIES

PRACTICAL CHART LIST

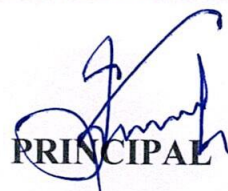
SR.NO	NAME OF CHART	QUANTITY
1	To Familiarize With Basic Electronic Components (R,C,L,Diods ,Transistors), Digital Multimeter , Function Generator,Power Supply And Oscilloscope .	1
2	Measurement Of Amplitude, Frequency & Phase Difference Using Oscilloscope .	1
3	Study Of The I-V Chacteristics Of (A) P-N Junction (B) Zener Diode.	1
4	Study Of Full Wave Rectifier	1
5	To Verify The Thevenin And Superposition Theorem.	1
6	Study Of Logic Gates.	1
7	Study Of Universal Gates.	1
8	Study Of De-Morgans Theorem	1
9	Half Adder And Subtractor	1
10	Full Adder And Subtractor (Using 7483 & 7404)	1
11	Study Of Encoder & Seven Segment Decoder.	1
12	Study Of Multiplexer (4:1) And Demultiplexer (1:4).	1

SR.NO	NAME OF CHART	QUANTITY
13	To Build And Test Flip-Flop (Rs,Clocked Rs,D).	1
14	Op-Amp As Adder And Subtractor	1
15	Design The Inverting And Non –Inverting Amplifier Using An Op-Amp Of Given Gain.	1
16	To Invesing The Use Of-Amp As Integrator & Differentiator.	1
17	To Design A Monostable Multivibrator Of Given Specification Using Ic 555 Timer	1
18	To Design A Astable To Design A Monostable Multivibrator Of Given Specification Using Ic 555 Timer	1



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