

Ahmednagar Jilha Maratha Vidya Prasarak samaj's,
Shri Mulikadevi Mahavidyalaya, Nighoj

Tal - Parner, Dist- Ahmednagar

Department Of Physics

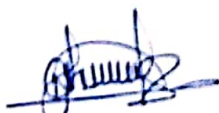
Certificate course - Electronic instrument testing and repairing

Year: 2018-2019

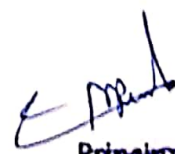
Ch. No.	Syllbus	Theory period	Practical period	Total Period
1	Introduction to Basic Electronic Components	3	4	7
	1.1) Resistance			
	1.2) Capacitance			
	1.3) Diode			
	1.4) Transistor			
	1.5) IC			
	1.6) Transformer			
	1.7) Op-amp			
	1.8) Power supply			
2	Use of Multimeter	2	4	6
	2.1) Type of multimeter			
	2.2) Range and least count			
	2.3) Measurement			
	2.4) Error Analysis			
3	PCB Desiging	2	8	10
	3.1) PCB			
	3.2) PCB Layout			
	3.3) Continuity testing			
	3.4) Drilling			
	3.5)Soldering			
4	Instrument Repairing	3	8	11
Total				34

References:-

- 1) Basic Electronic by R.S.Sedha, S. Chand publicaton
- 2) Principle of Electronics, V.K.Mehta, S Chand Publication
- 3) Intergrated Circuit, Botkar, Khanna Publication
- 4) Electronics-Theory and application, S.L.Kakani, New age International Publication
- 5) Electronic device and Circuit , S.L.Kakani Viva books
- 6) A textbook of Electronics S.L.Kakani, New age International Publication
- 7) Digital Electronics, Floyd


 Co-ordinator


 Head of Department


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 Shri.Mulikadevi Mahavidyalay,Nighoj
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