

**Government Polytechnic, Mandi Adampur**

Name of Faculty: Sh. Vikram Dogra

Discipline: Electronics

Semester: 5

Subject: Trouble Shooting of Electronics Equipment

Lesson Plan Duration: 18 Weeks

<b>Week</b>	<b>Practical</b>	
	<b>Practical Day</b>	<b>Topic</b>
<b>Week 1</b>	day 1	1. Demonstration and practice of fault finding and repair of: (a) C.R.O
	day 2	(a) C.R.O
<b>Week 2</b>	day 3	(b) Function Generator
	day 4	(b) Function Generator
<b>Week 3</b>	day 5	(c) Power supplies
	day 6	(c) Power supplies
<b>Week 4</b>	day 7	(d) Digital multimeter
	day 8	(d) Digital multimeter
<b>Week 5</b>	day 9	File Check
	day 10	2. Demonstration, practice of fault finding and repair of any one equipment from group-I i.e. Communication
<b>Week 6</b>	day 11	Demonstration, practice of fault finding and repair of any one equipment from group-I i.e. Communication
	day 12	Demonstration, practice of fault finding and repair of any one equipment from group-I i.e. Communication
<b>Week 7</b>	day 13	Demonstration, practice of fault finding and repair of any one equipment from group-I i.e. Communication
	day 14	File Check
<b>Week 8</b>	day 15	3. Demonstration, practice of fault finding and repair of any one equipment from group-II i.e. Consumer
	day 16	Demonstration, practice of fault finding and repair of any one equipment from group-II i.e. Consumer
<b>Week 9</b>	day 17	3. Demonstration, practice of fault finding and repair of any one equipment from group-II i.e. Consumer
	day 18	Demonstration, practice of fault finding and repair of any one equipment from group-II i.e. Consumer
<b>Week 10</b>	day 19	File Check
	day 20	4. Demonstration, practice of fault finding and repair

<b>Week 11</b>	day 21	Demonstration, practice of fault finding and repair of
	day 22	4. Demonstration, practice of fault finding and repair
<b>Week 12</b>	day 23	4. Demonstration, practice of fault finding and repair
	day 24	File Check
<b>Week 13</b>	day 25	5. Demonstration, practice of fault finding and repair of any one equipment from group IV i.e. Computer
	day 26	5. Demonstration, practice of fault finding and repair of any one equipment from group IV i.e. Computer
<b>Week 14</b>	day 27	5. Demonstration, practice of fault finding and repair of any one equipment from group IV i.e. Computer
	day 28	Demonstration, practice of fault finding and repair of any one equipment from group IV i.e. Computer
<b>Week 15</b>	day 29	File Check
	day 30	6. Testing of Integrated Circuits (ICs)
<b>Week 16</b>	day 31	Testing of Integrated Circuits (ICs)
	day 32	Testing of Integrated Circuits (ICs)
<b>Week 17</b>	day 33	File Check
	day 34	7. Use of digital tools for troubleshooting digital equipments
<b>Week 18</b>	day 35	Use of digital tools for troubleshooting digital equipments
	day 36	File Check