

## HDD DATA RECOVERY TRAINING SYLLABUS

SESSION	DESCRIPTION	
<b>WEEK-1</b>		
<b>1</b>	<b>1.Basic Electronics</b> <ul style="list-style-type: none"> <li>➤ Resistors</li> <li>➤ Capacitors</li> <li>➤ Inductors</li> <li>➤ Transformer</li> <li>➤ Diodes</li> <li>➤ Transistors</li> <li>➤ Integrated Circuits (IC)</li> <li>➤ SMT Components Checking's</li> </ul>	<b>Practical</b>
<b>WEEK-2</b>		
<b>2</b>	<b>2.Harddisk Assembling &amp; Disassembling</b> <ul style="list-style-type: none"> <li>➤ Platters</li> <li>➤ Ribbon Cable</li> <li>➤ Spindle Motors</li> <li>➤ Actuator</li> <li>➤ Read / write Arm</li> </ul> <b>3. IDE/SATA Hard disk working Function</b> <ul style="list-style-type: none"> <li>➤ Hard disk architecture</li> </ul>	<b>Practical</b>
<b>WEEK-3</b>		
<b>3</b>	<b>4. Hard disk Chip level Services</b> <ul style="list-style-type: none"> <li>➤ Power section</li> <li>➤ Bios (Rom) Section</li> <li>➤ Spindle Motor Section</li> <li>➤ Components Identification</li> <li>➤ Hard disk Motherboard Trace work</li> <li>➤ Cold Checking &amp; Hot Checking</li> </ul> <b>5. Hard disk Data Recovery using Software</b> <b>6. Hard disk Components Removing &amp; Refixing</b> <ul style="list-style-type: none"> <li>➤ IC Removing &amp; Refixing</li> <li>➤ SMT Small Components (capacitors, Diode, Transistors etc,) Removing &amp; Refixing</li> <li>➤ IDE/SATA Connectors Removing &amp; Refixing.</li> </ul>	<b>Practical</b>

### CHIP SYSTEMS

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