

**Syllabus For BSPHCL – Junior Electrical Engineer**

<p><b>General Knowledge (Xth Level):</b></p> <ul style="list-style-type: none"> <li>• Current Affairs- National &amp; International</li> <li>• Indian History</li> <li>• Indian Geography</li> <li>• Indian Polity</li> <li>• Science &amp; Technology</li> </ul> <p><b>Logical Reasoning (Xth Level):</b></p> <ul style="list-style-type: none"> <li>• Analogies.</li> <li>• Similarities.</li> <li>• Problem – Solving.</li> <li>• Relationship Concepts.</li> <li>• Space Visualization.</li> <li>• Arithmetical Number Series.</li> <li>• Arithmetical Reasoning</li> </ul> <p><b>General English &amp; Comprehension (Xth Level)-</b></p> <ul style="list-style-type: none"> <li>• Synonyms</li> <li>• Antonyms</li> <li>• One word substitution</li> <li>• Error detection</li> <li>• Idioms &amp; Phrases</li> <li>• Passage Comprehension</li> </ul> <p><b>General Hindi (Xth Level) :</b></p> <ul style="list-style-type: none"> <li>• Grammar.</li> <li>• Vocabulary.</li> <li>• Comprehension.</li> <li>• Fill in the Blanks.</li> <li>• Error Detection.</li> <li>• Antonyms.</li> <li>• Synonyms.</li> <li>• Phrases/ Muhavare.</li> </ul>	<p><b>Basic knowledge of Computer</b></p> <ul style="list-style-type: none"> <li>• Fundamental of computers             <ul style="list-style-type: none"> <li>○ CPU</li> <li>○ Memory</li> <li>○ Hard Disk</li> <li>○ Input/ Output Devices</li> <li>○ knowledge of Number System</li> </ul> </li> <li>• Basic concept of Computer (Hardware &amp; Software)             <ul style="list-style-type: none"> <li>○ Computer Software</li> <li>○ Operating System</li> <li>○ Computer language</li> </ul> </li> <li>• Basic knowledge of MS Office             <ul style="list-style-type: none"> <li>○ MS word</li> <li>○ MS excel</li> <li>○ MS Power point</li> </ul> </li> <li>• Basic knowledge of Internet             <ul style="list-style-type: none"> <li>○ Web browser</li> <li>○ E-mail</li> <li>○ Search Engines</li> <li>○ Web servers</li> </ul> </li> <li>• Basic knowledge of computer network             <ul style="list-style-type: none"> <li>○ LAN</li> <li>○ WAN</li> <li>○ MODEM</li> </ul> </li> <li>• Basic knowledge of cyber security             <ul style="list-style-type: none"> <li>○ Virus , Malware etc.</li> <li>○ Worm</li> <li>○ Internet security</li> <li>○ Network security</li> <li>○ Firewall</li> </ul> </li> </ul>	<p><b>Technical paper as per final year syllabus of Diploma in Electrical –</b></p> <ol style="list-style-type: none"> <li>Electrical Circuits</li> <li>Electronics I</li> <li>Computer Aided Eng. Drawing</li> <li>Electrical Machines I</li> <li>Communication and Computer Networks</li> <li>Electrical &amp; Electronics Measurements</li> <li>Electronics II</li> <li>Electrical Machine II</li> <li>Electrical Power Generation</li> <li>Transmission and Distribution</li> <li>Power Electronics</li> <li>Switchgear &amp; Protection</li> <li>Embedded System (Elective)</li> <li>Industrial drives &amp; Control</li> <li>Utilization drives &amp; control</li> <li>Utilization of electrical energy &amp; management</li> <li>Basic Management skills and Indian constitution</li> </ol>
---	--	--

---\*\*\*---