

Annexure – A
Syllabus for the post of JEE

Sl. No.	Name of Post	Broad Syllabus	Type of Exam
1	2	3	4
1	Junior Electrical Engineer (General)/ JE (Electronics) for BSPGCL	<p style="text-align: right;">Total – 100%</p> <ol style="list-style-type: none"> 1. General Knowledge - 10 % 2. Logical Reasoning – 10% 3. General English & Comprehension –05% 4. General Hindi – 05% 5. Basic knowledge of Computer – 10% 6. Technical paper as per final year syllabus of Diploma in Electrical / Electrical & Electronics – 60% <p><u>Details syllabus are given below :-</u></p> <p><u>General Knowledge (Xth Level):</u></p> <ul style="list-style-type: none"> • Current Affairs- National & International • Indian History • Indian Geography • Indian Constitution • Science & Technology • Fundamental Knowledge of Computer <p><u>Logical Reasoning (Xth Level):</u></p> <ul style="list-style-type: none"> • Analogies. • Similarities. • Problem – Solving. • Relationship Concepts. • Space Visualization. • Arithmetical Number Series. • Arithmetical Reasoning <p><u>General English & Comprehension (Xth Level) :-</u></p> <ul style="list-style-type: none"> • Synonyms • Antonyms • One word substitution • Error detection • Idioms & Phrases • Passage Comprehension <p><u>General Hindi (Xth Level) :</u></p> <ul style="list-style-type: none"> • Grammar. • Vocabulary. • Comprehension. • Fill in the Blanks. • Error Detection. • Antonyms. • Synonyms. • Phrases/Muhavare. <p><u>Basic knowledge of Computer (Xth Level)</u></p> <p><u>Technical paper as per final year syllabus of Diploma in Electrical / Electrical & Electronics–</u></p> <ol style="list-style-type: none"> a) Electrical Circuits b) Electronics I c) Computer Aided Eng. Drawing d) Electrical Machines I e) Communication and Computer Networks f) Electrical & Electronics Measurements g) Electronics II h) Electrical Machine II i) Electrical Power Generation j) Transmission and Distribution k) Power Electronics l) Switchgear & Protection m) Embedded System (Elective) n) Industrial drives & Control o) Utilization drives & control p) Utilization of electrical energy & management q) Basic Management skills and Indian constitution 	Multiple Choice objective type

Sl. No.	Name of Post	Broad Syllabus	Type of Exam
1	2	3	4
2	Junior Engineer (Mechanical)	<p>Total – 100%</p> <ol style="list-style-type: none"> 1. General Knowledge - 10 % 2. Logical Reasoning – 10% 3. General English & Comprehension–05% 4. General Hindi – 05% 5. Basic knowledge of Computer – 10% 6. Technical paper as per final year syllabus of Diploma in Mechanical –60% <p><u>Details syllabus are given below :-</u> <u>General Knowledge (Xth Level):</u></p> <ul style="list-style-type: none"> • Current Affairs- National & International • Indian History • Indian Geography • Indian Constitution • Science & Technology • Fundamental Knowledge of Computer <p><u>Logical Reasoning (Xth Level):</u></p> <ul style="list-style-type: none"> • Analogies. • Similarities. • Problem – Solving. • Relationship Concepts. • Space Visualization. • Arithmetical Number Series. • Arithmetical Reasoning <p><u>General English & Comprehension(Xth Level) :-</u></p> <ul style="list-style-type: none"> • Synonyms • Antonyms • One word substitution • Error detection • Idioms & Phrases • Passage Comprehension <p><u>General Hindi (Xth Level) :</u></p> <ul style="list-style-type: none"> • Grammar. • Vocabulary. • Comprehension. • Fill in the Blanks. • Error Detection. • Antonyms. • Synonyms. • Phrases/Muhavare. <p><u>Basic knowledge of Computer (Xth Level)</u></p> <p><u>Technical paper as per final year syllabus of Diploma in Mechanical –</u></p> <ol style="list-style-type: none"> a) Applied Mechanics b) Engineering Materials c) Engineering Drawing d) Technical Documentation e) Manufacturing Process I f) Strength of Materials g) Elementary Civil Engineering h) Machine Drawing i) Basic of thermal engineering j) Electrical Technology k) Fluid Mechanics l) Industrial Management m) Applied Thermal Engineering n) Manufacturing Process II o) Computer Integrated Manufacturing p) Theory of Machines q) CNC Machines r) Power Plant Engineering s) Manufacturing Process II t) Machine Design u) Refrigeration and Air Conditioning (RAC) v) Automobile Engineering w) Metrology and Instrumentation x) CAD/ CAM 	Multiple Choice objective type