

## Syllabus for VSJE

### VSJE – Electrical

- Basic of Electrical Engineering, Power System Engineering, Power system design and Engineering, A.C. and D.C. extra High Voltage Transmission and network. Transmission lines and substation design and equipments. Electrical material, D.C. Battery System, Relay and Protections System , Basic knowledge of Information technology etc. pertaining to transmission wing, as well as General Knowledge and English language approximately in proportion of 80% and 20% respectively.

### VSJE – Civil

- Basics of Civil Engineering, Soil Mechanics. Designs and Construction of buildings which includes RCC raft foundation/ pile foundation, Building and steel super structures, design of buildings, water supply system and drainage systems, construction of transmission tower foundations and transmission colonies, roads, Basic knowledge of Information technology etc, as well as General Knowledge and English language approximately in proportion of 80% and 20% respectively.