

## Technical Syllabus Comparison

Sl.No.	TOPICS	KPSC Sub Engineer	SSC JE & RRB JE	KPSC Asst. Engineer / Asst. Prof	Electrical Inspectorate
1	Basic concepts	✓	✓	✓	✓
2	Circuit laws & Network Theory	✓	✓	✓	✓
3	Magnetic Circuit	✓	✓	✓	✓
4	AC Fundamentals	✓	✓	✓	✓
5	Measurement and measuring instruments	✓	✓	✓	✓
6	Electrical Machines	✓	✓	✓	✓
7	Fractional Kilowatt Motors and Single Phase Induction Motors	✓	✓	✓	✓
8	Synchronous Machines	✓	✓	✓	✓
9	Generation, Transmission and Distribution	✓	✓	✓	✓
10	Switchgears	✓	✓	✓	✓
11	Estimation and costing	✓	✓	✓	✓
12	Utilization of Electrical Energy	✓	✓	✓	✓
13	Basic Electronics	✓	✓	✓	✓
14	Power Electronics	✓	✓	✓	✓
15	Analog Electronics, Linear IC , OP-AMP	*	*	✓	✓
16	Digital Electronics & Microprocessors			✓	✓
18	Electrical system Design	*	*	✓	✓
19	Electrical Machine Design			✓	✓
20	Electromagnetics	*	*	✓	✓
21	Signals and systems	*	*	✓	✓
22	Control Systems			✓	✓

\* Even though the subject is not explicitly mentioned in the syllabus, a basic understanding of the subject is recommended

### Usual footnote in Kerala PSC exam syllabus/ notification

*NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.*

