



# RUBBER PARK INDIA (PVT) LTD

(A JV of KINFRA & Rubber Board)

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## Course Schedule for Internship in Electrical Engineering

Day	Time	Topic
Day-1	10.00 Hrs to 10.30 Hrs	Inauguration of the Programme
	10.30 Hrs to 10.45 Hrs	Tea Break
	10.45 Hrs to 11.30 Hrs	Introduction to Rubber Park
	11.30 Hrs to 13.00 Hrs	Overview of Power Systems
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit-110/11 kV EHT Substation
Day-2	09.30 Hrs to 11.15 Hrs	Introduction to EHT Substations
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Power Transformer basics and principles of operation
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit-110/11 kV EHT Substation
Day-3	09.30 Hrs to 11.15 Hrs	Overview of Distribution Networks and Components
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Introduction to Metering and Energy Measurement
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit-11 kV Power Distribution Network
Day-4	09.30 Hrs to 11.15 Hrs	Types of Distribution Transformers and O&M
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Importance of Accounting in Engineering
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit-11 kV/433 V Unitised Substation
Day-5	09.30 Hrs to 11.15 Hrs	Electrical Safety
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Introduction to Project Management
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit-Rubber industry

<b>Day</b>	<b>Time</b>	<b>Topic</b>
Day-6	09.30 Hrs to 11.15 Hrs	Basics of Protection System for Substation
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Electrical Standards as per CEA (Safety Regulations) 2023
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit Rubber Industry
Day-7	09.30 Hrs to 11.15 Hrs	Earthing & Earth mat design of Substation
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Overview of Electrical Equipment testing
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Lightning Protection
Day-8	09.30 Hrs to 11.15 Hrs	Overview of Power Cables and installation
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Testing of Power Cable
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Practical session on Power Cable installation & Testing
Day-9	09.30 Hrs to 11.15 Hrs	Overview of Transmission lines and Installation
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Maintenance of Transmission Lines
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.30 Hrs	Plant Visit Rubber Industry
Day-10	09.30 Hrs to 11.15 Hrs	Overview of Generation of Power
	11.15 Hrs to 11.30 Hrs	Tea Break
	11.30 Hrs to 13.00 Hrs	Hydro and Thermal Power Generation
	13.00 Hrs to 14.00 Hrs	Lunch Break
	14.00 Hrs to 16.00 Hrs	Renewable Energy
	16.00 Hrs to 17.00 Hrs	Certificate Distribution and Closing Ceremony