

**KONERU LAKSHMAIAH EDUCATION FOUNDATION**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**List of Pre-Ph.D Courses**

L-T-P-S: 3-0-0-0

S.No	Paper 1	Subject Code
1	RESEARCH METHODOLOGY	21RES104

S. No.	Paper 2	Subject Code	Pape r- 3	Subject Code
1	SMART METERS AND SMART CITIES	21EE201	SMART GRIDS TECHNOLOGIES	21EE301
2	CHARGING STATION FOR ELECTRIC VEHICLES	21EE202	BATERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	21EE302
3	FACTS DEVICES	21EE203	POWER QUALITY	21EE303
4	REAL TIME CONTROL OF POWER SYSTEMS	21EE204	ADAPTIVE CONTROL SYSTEMS	21EE304
5	RENEWABLE ENERGY SOURCES AND INTEGRATION	21EE205	DIGITAL PROTECTION OF POWER SYSTEMS	21EE305
6	IOT FOR INDUSTRIAL AUTOMATION	21EE206	AI TECHNIQUES IN POWER SYSTEMS	21EE306
7	ADVANCED POWER CONVERTERS	21EE207	ADVANCED ELECTRICAL DRIVES	21EE307