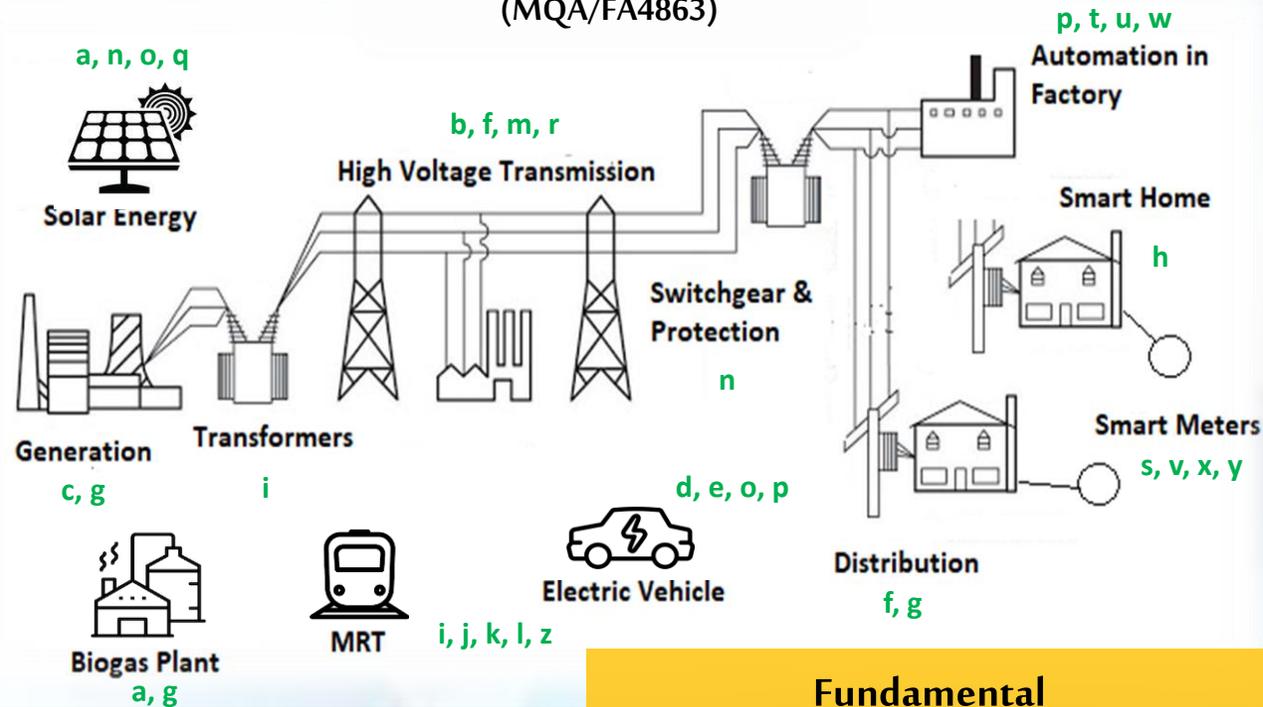


# A-Z OF ELECTRICAL ENGINEERING

B.Eng. (Hons.) Electrical  
(MQA/FA4863)



## Power & Energy

- Renewable Energy Technology (a)
- High Voltage Engineering (b)
- Power Stations (c)
- Electric Vehicle Technology (d)
- Electric Vehicle Charging Station (e)
- Power Transmission and Distribution (f)
- Power System Analysis (g)
- Energy Management and Auditing (h)

## Machines & Drives

- Energy Conversion I (i)
- Energy Conversion II (j)
- Power Electronics (k)
- Electrical Drives (l)

## Fundamental

- Industrial Mathematics (m)
- Circuits and Signals (n)
- Electronics (o)
- Computer and Program Design (p)
- Electrical Engineering Materials (q)
- Electromagnetic Theory (r)

## AI, IoT & Automation

- AI Systems and Applications (s)
- Embedded IoT Systems and App (t)
- Cybersecurity (u)
- Algorithms and Data Structures (v)
- Microcontroller & Microprocessor (w)
- Analog & Digital Communications (x)
- Digital Signal Processing (y)
- Control Theory (z)

**Career Prospects:** Power Utility, Automation, Electric Vehicle, Solar Industry, Instrumentation & Control, Power System Protection, .....