

Ankit Parmar

Date of Birth

14 Oct 1998

Gender

Male

Nationality

Indian

✉ ankit_parmar@outlook.com

📍 Patna, Bihar, India

❖ Languages:

English • Hindi

❖ Skills:

PROGRAMMING LANGUAGE

Python • C • C++ • Java • SQL

❖ Projects:

- Control Design for the Recharge/V2G of a Nine-Phase added On-Board Battery Charger based on Fuzzy Logic: The thing that more and more vehicles will be joined to the electricity connection will provide greater benefits to the connection operators, as the existence of an on-board battery of discrete capacity will be able to support a whole series of necessary services or smart energy management. To allow this, the vehicle must be geared with a bidirectional full power charger, which will allow not only recharging but also the supply of energy to the connection, playing a vital role as a distributed energy resource.
- Power Flow Analysis using Coding in MATLAB: Various methods are being used all over the world for power flow study. Newton-Raphson method, Gauss-Seidel method, fast decoupled load flow methods are few of them. At first load flow equations were developed. Then further

extending and using that equations, power flow equations for Gauss-Seidel and Newton-Raphson methods were obtained. Once the equations were obtained, then using them, MATLAB codes were written for Gauss-Seidel and Newton-Raphson methods. At last, these MATLAB codes were used to solve various bus problems.

❖ **Trainings:**

- 132/33 kV GSS (Duration- 1 Month): The transmission lines at this GSS are bidirectional. It transmits power input at 132 kV with double circuit line. It also transmits power output at 132 kV. This GSS has total nine bays which consists of three main line bays, five transformer bays and one bus coupler. The five transformer bays consist of four 80 MVA transformers and one 50 MVA transformer. After augmentation, the working capacity of this GSS is 400 MVA.

❖ **Educational Qualifications:**

Bachelor of Engineering

Electrical and Electronics Engineering

Birla Institute of Technology, Mesra, Patna Campus

 2021

 Patna, Bihar, India

CGPA- 6.36 out of 10

Higher Secondary School

South Point Public School

 2017

 Patna, Bihar, India

Percentage- 65%

Secondary School

South Point Public School



2013



Patna, Bihar, India

CGPA- 9.2 out of 10