

**Mr. S. Ghosh**

**Qualification:** Highest qualification is M.Tech in Electrical Engineering(Renewable Energy)

NIT, Arunachal Pradesh

**Teaching interest:** Interested area in teaching i) Power Electronics

ii) Electrical machine

iii)Renewable Energy

**Teaching & Industrial Experience:** 1 year teaching experience

**Research Interest:** Renewable energy and Drives

**Administrative responsibility:** Students affairs,Hostel In charge

**Projects:** Design of Dual Stator Induction Motor in Electric Vehicle, Speed sensor less Vector Control of DSIM using SVPWM, Solar Inverter, Energy Management and Audit

**Research & Publication:**

- Saikat Ghosh, SoumyaRanjanMeher, Tapashi Hazarika and Shantanu Chatterjee, “*Speed sensor less Field Oriented Control of a Three-phase induction motor drive used in Electric Vehicles using SVPWM*”, ICTPACT 2017, IEEE, 06-08 April 2017, Bharath Institute of Higher Education and Research, Chennai.
- SoumyaRanjanMeher,Saikat Ghosh,Tapashi Hazarika and Shantanu Chatterjee, “*A Technological Review on Space Vector PWM*” ”, ICTPACT 2017, IEEE, 06-08 April 2017, Bharath Institute of Higher Education and Research, Chennai.
- Tapashi Hazarika, SoumyaRanjanMeher, Saikat Ghosh and Shantanu Chatterjee,” *A Novel Hybrid Multilevel Inverter for Photovoltaic Application Using Dual Reference Modulation Scheme*” ”, ICTPACT 2017, IEEE, 06-08 April 2017, Bharath Institute of Higher Education and Research, Chennai.