

CV Gauri Shankar Prasad

Gauri Shankar Prasad is currently Master of Science graduate from the Politecnico di Milano in the scientific-disciplinary area of Mobility Engineering. He was from September 9th, 2019, to April 28th, 2022, on which day, he received the title of MSc in Mobility Engineering with grade of 108/110. On 27 July 2019, he received the title of Bachelor of Technology from Indian Institute of Technology Palakkad India in Mechanical Engineering with grade of 8.59/10.

The undersigned has professional experience in automotive sector towards the controls and research engineering related to the development of plant model and control strategies for Gasoline direct injection engines. He also has experience in requirements and gap analysis stages in the V-cycle development of Engines. During the period of pursuing Master of Science in Politecnico di Milano, he worked on various projects related to the transportation and mobility enhancement areas such as:

- Modeling, Validation and Implementation of Energy Demand of Electric Buses for Local Public Transport where he evaluated electrification opportunities and feasibility in Local Public transportation to provide intelligent vehicle scheduling and opportunity charging solutions for improving the existing local infrastructure.
- Vehicle to Grid (V2G) adaptation: A case of ATM bus depot where he verified the opportunity of V2G technology as a revenue opportunity for ATMs in consideration of the electric bus fleets and depots with high concentration of Electric buses and carried out the battery degradation cost impact due to V2G implementation.
- Evaluation of fuel switch feasibility in local transport of Milan where he evaluated pathways and performance of possible energy carriers for local transport fuel switch, WtW emissions and energy consumption according to the vehicle mission and the fleet composition.

He has taken up many positions of responsibilities by representing Gannet Engineering at Symposium on International Automotive Technology 2019 held at Pune, India and by being the Student Career Service Placement Coordinator at Indian Institute of Technology while pursuing Bachelor of Technology at IIT Palakkad. Moreover, his interests include reading, hiking and trekking, sketching and writing .