

## Curriculum Vitae

**Muhammad Muzammil Farooqi** received the B.Sc. degree in Electrical Engineering from University of Engineering and Technology, Peshawar, Pakistan, in 2018, and the master's degree in electrical engineering power from United States Centre for Advanced Studies in Energy, National University of Science and Technology (NUST), Islamabad, Pakistan, in 2021. He is currently pursuing the Ph.D. degree in Energy at University of Palermo, Italy, in collaboration with STMicroelectronics. His research interests include modelling, design and testing of Power Converters, loss optimization in power electronic systems, control of Microgrids and electric motors and drives for Electric Vehicles.



**1<sup>st</sup> Paper ID: 208**

**Paper Title:** Analytical and Simulation-Based Power Losses of MOSFETs in a Single Phase Inverter with Bipolar PWM For Grid Applications

**2<sup>nd</sup> Paper ID: 212**

**Paper Title:** Comparative Performance Analysis of Switching Devices in a Continuous Conduction Mode Boost Converter