

IAS CMD Student Thesis Contest Results 2020 (PhD Category)

Rank	Country	Name of Applicant	Thesis Title	Supervisor	Institution
1st Place	India	Nishant Kumar	Development of Intelligent Maximum Power Point Tracking Techniques and Robust Control Algorithms for Grid Integrated Solar PV Energy Conversion System	Prof. Bhim Singh	Indian Institute of Technology (IIT) Delhi
Joint 2nd Place	Belgium	Korawich Niyomsatian	Output Filters for Grid-Tied Converters: Component Sizing, Controller Co-Design and Winding-Loss Analysis	Prof. Johan Gyselinck & Prof. Ruth Sabariego	Université libre de Bruxelles
Joint 2nd Place	India	Anjaneer Kumar Mishra	Standalone and Grid Interfaced SRM Drives for Solar Water Pumping	Prof. Bhim Singh	Indian Institute of Technology (IIT) Delhi
Joint 2nd Place	Singapore	Gnanasambandam Kulothungan	Low Frequency Modulation Techniques for Multilevel Converters for Solar PV Application	Prof. Akshay Kumar Rathore	National University of Singapore
3rd Place	China	Yueshi Guan	Research on Key Technologies of High Frequency Power Electronic Resonant Converters	Prof. Dianguo Xu & Prof. Wei Wang	Harbin Institute of Technology