

## IAS CMD Student Thesis Contest Results 2020 (Non-PhD Category)

Rank	Country	Name of Applicant	Thesis Title	Supervisor	Institution
1st Place	India	Virendra Singh	Integrated On-board Battery Charger for Plug-in Electric Vehicles	Dr. Bharat Singh Rajpurohit & Dr. Narsa Reddy	Indian Institute of Technology Mandi
2nd Place	India	Nikhil Tanaji Doiphode	Study of Stator Winding Fault Diagnosis in Permanent Magnet Synchronous Motor	Dr. Bharat Singh Rajpurohit	Indian Institute of Technology Mandi
Joint 3rd Place	India	Gaurav Gautam	Acoustic Noise and Vibration Reduction in PMSM Drive	Dr. Bharat Singh Rajpurohit	Indian Institute of Technology Mandi
Joint 3rd Place	Brazil	Jean Santis Brand	Analysis of Low-Frequency Ripple Transfer to LED Drivers	Prof. Marco Antonio Dalla Costa	Federal University of Santa Maria