



MSME CENTRE OF EXCELLENCE

Department of Electronic Systems Engineering
Indian Institute of Science, Bengaluru 560 012 INDIA



CERTIFICATE OF COMPLETION

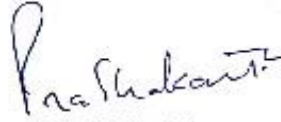
(Students Design Project : DP-SP-011)

We hereby certify that Vinayaka Mission's Kirupanandha Variyar Engineering College, Salem 636308 (IN), has duly completed the project – “Air-conditioning & Refrigeration using exhaust heat from car” – to the best of our knowledge and belief, based on their presentations, concept evaluations, periodic design reviews and observations, starting from 'Proof of Concept' through to 'design and final prototype demonstration', etc., This project appears to be substantially innovative, complete and operable.

The project team consisting of Mr. Mithun Muralidhar completed the aforesaid project under the mentorship of Mr. R. Chandrasekar, Dept of Electronics & Communication Engineering.

This aforesaid project was started on 11th April, 2017 and completed by way of final prototype demonstration on 20th March, 2019 in accordance with the approved guidelines of the Design Clinic Scheme of the Office of the Development Commissioner (MSME), Government of India, New Delhi and this Centre.

Place : Bengaluru
Date : 18th Sept 2019
Cert-Ref: PCC-SP-011


(Dr. I V Prabhakar)
Head (MSME CoE)
& Principal Research Scientist

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(A joint initiative of the Ministry of MSME, Government of India and Indian Institute of Science, Bengaluru to Support Innovation & Design in the MSME Sector)