



दूरभाष / Phone : 080 - 22502242
टेलिफैक्स / Telefax : 080-25282011

भारत सरकार / Government of India
रक्षा मंत्रालय / Ministry of Defence
रक्षा अनुसंधान तथा विकास संगठन
Defence Research & Development Organisation
रक्षा जीव अभियंत्रिकी तथा चिकित्सा इलेक्ट्रानिकी प्रयोगशाला
Defence Bioengineering and Electro-medical Laboratory
सी वी रामन नगर / CV Raman Nagar
बेंगलूर / Bangalore-560 093

18th Sep 2023

WHOMSOEVER IT MAY CONCERN

This is to certify that **Shri. MANOJ KUMAR** has worked in 'Defence Bioengineering and Electro-medical Laboratory' (DEBEL), DRDO, Bangalore from **19th September 2022 to 18th September 2023** as a Graduate Apprentice in my group. He was associated in various project activities and carried out the following assignments;

- Testing and evaluation of various electronics modules, Intelligent Current Controller, Supercapacitor bank, Audio amplifier, Lithium-ion Batteries and CC/CV chargers.
- Design of PCBs in Eagle Software.
- Testing and Evaluation of electrically heated clothing
- Simulation of circuits in LTSpice & NiMultisim software.
- Interfacing sensors (thermocouples, thermistors) with microcontroller.

During his tenure, the overall performance has been satisfactory. He is suitable for taking up projects that requires responsibility and punctuality, as candidate completed the task within given timelines.

R. G. REVAIAH
Scientist 'F'
DEBEL, DRDO
C V Raman Nagar,
Bengaluru - 560 093.