

July 3, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, **Anubhav Prasad** (Roll No. 19EC10008), a student of Indian Institute of Technology, Kharagpur has been a part of Kharagpur RoboSoccer Students' Group (KRSSG), a research group dedicated towards building autonomous soccer playing robots conforming to different leagues, since March 2019 under the guidance of the following -

- Prof. Alok Kanti Deb, Dept. of Electrical Engineering
- Prof. Jayanta Mukhopadhyay, Dept. of Computer Science and Engineering
- Prof. Sudeshna Sarkar, Dept. of Computer Science and Engineering
- Prof. Dilip Kumar Pratihar, Dept. of Mechanical Engineering

He works in the field of **Embedded Systems** with a significant contribution towards various aspects of robotics primarily focusing on **motor control algorithms, telemetry and FPGA/MCU** programming. He has consistently been proving his competence in the mentioned fields with improved design innovations at the architecture and circuital level. His team has also worked on successfully implementing various fault-tolerant motor control algorithms on FPGA-based processing environments. He has practical experience of manufacturing electronic components in robots. The group has been involved in year round development of robots for other leagues as well.



Prof. Alok Kanti Deb
Dept. of Electrical Engineering

Student Coordinator
Kharagpur RoboSoccer Student's Group