

**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**

July 3, 2021

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