



भारतीय प्रौद्योगिकी संस्थान, खड़गपुर
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Indian Institute of Technology, Kharagpur
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Department of Mining Engineering

To whomsoever it may concern

This is to certify that Mr. Sourya Roy (19EC30053) has been an active member of the Autonomous Ground Vehicle (Autonomy and Intelligence) Research Group (AGV.ACR.AI) under the Center of Excellence in Robotics under my supervision from March 2020.

During this period, he has worked on Simultaneous Localisation and Mapping (SLAM) and Trajectory Prediction using Deep Learning, including achieving a publication in the Machine Learning Reproducibility Challenge (2021-2022), contributing to the mechanical design of the University Rover Challenge Mars Rover, and developing the DL (Grip++) prediction pipeline.

Apart from this, he is also actively involved in the smooth functioning of the group by guiding the freshman batch in the Deep Learning - Trajectory Prediction module and also in conducting the freshers' selections.

Please do not hesitate to contact me for more information.

Sincerely yours,

Regards,

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