



IIT GUWAHATI

CENTRE FOR CAREER DEVELOPMENT

## Internship Completion Certificate

This is to certify that Mr. **Supragya Shrestha** has successfully completed summer internship program at **Samsung Research Institute, Noida** under the guidance of **Somya Makkad** (Engineer, System Platform Team).

The duration of this project was from **18 May'20** to **26 June'20**.

The internship on evaluation fulfils all the stated criteria and student's findings are his original work.

Project Description –

**To generate text results for human activities from videos.**

The overgrowing use of CCTV has given rise to various problems, such as human surveillance personnel and storage space shortages. This can be solved by the use of this project i.e. to generate text for human activity detection, using the real-time object detection model Yolo which is typically used to detect objects in an image. Major activities in the project being dataset preparation, training of the model and creating API for the same.

I hereby certify his work was satisfactory to the best of my knowledge.

Signature of Mentor – Somya Makkad