



SUDHA GOPALAKRISHNAN BRAIN CENTRE
INDIAN INSTITUTE OF TECHNOLOGY MADRAS



Internship Completion

This is to certify that **Mr. Siddhant Mantri** has successfully completed his **6-month**, internship from March January 1, 2025, to June 30-, 2025.

Siddhant Mantri successfully completed an internship focused on brain region segmentation. He made significant contributions to developing and refining a sophisticated system based on the YOLO (You Only Look Once) deep learning model. A key achievement was the implementation of a robust solution capable of handling histopathological images of varying resolutions for different brain regions. His work culminated in the prediction and generation of segmentation masks, a vital step towards automated analysis in neuroimaging.

His contribution and learning during this period are rated as "**Best**".

We extend our best wishes to him for his future endeavours.

N. Siva

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