Dated: 20.12.24

Internship Completion Certificate

This is to certify that Mr. Maitreya Sameer Ganu, with Roll Number IMS23099, a student of IISER Thiruvananthapuram, successfully completed an internship in December 2024 on the topic of Modularity Analysis in Networks.

During the course of the internship, Maitreya demonstrated a keen understanding of the theoretical framework behind graph modularity, particularly as presented in the paper "Finding and evaluating community structure in networks using graph theory" by Newman (PNAS, 2006, DOI: 10.1073/pnas.0601602103). He further enhanced his knowledge by implementing the concepts using the Python package networkx.

His dedication and competence were reflected in the completion of the project, which he presented in the form of a detailed report. Maitreya conducted the project with diligence and professionalism, showcasing his ability to apply theoretical concepts to practical implementation.

I wish him continued success in his future endeavors.

Best regards,

Saptarshi Bej

Dr. Saptarshi Bej

Assistant Professor,
School of Data Science,
IISER-Thiruvananthapuram