

# CERTIFICATE FROM THE SUPERVISOR

Date: 20 May 2024

This is to certify that the thesis titled “*Statistical Depths for Multivariate and Functional Data with Applications*” submitted by *Mr. Satvik Saha*, Registration No. *19MS154*, dated *20 May 2024*, a student of the *Department of Mathematics and Statistics* of the *5 Year BS-MS Dual Degree* programme of IISER Kolkata, is based upon his/her own research work under my supervision. I also certify, to the best of my knowledge, that neither the thesis nor any part of it has been submitted for any degree/diploma or any other academic award anywhere before. In my opinion, the thesis fulfils the requirement for the award of the degree of *Bachelor of Science and Master of Science*.

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