

## INDIAN STATISTICAL INSTITUTE

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(Duly filled and signed form to be submitted by Research Fellow to the Ph.D./D.Sc. Cell)

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I, SUBHOJIT SARKAR, herewith submit the final version of my Ph.D. thesis (soft copy) titled:

Obstacle Learning and Resource Deployment for Efficient  
Millimeter-wave Communications

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Subhojit Sarkar 04/12/2023

Signature of the Research Fellow with date

Santhi Charan Ghosh 4.12.23

Signature of Supervisor with date

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