# Management of Mitochondrial Oxidative Stress and Neurogenesis Using Bioengineered Nanomedicine Platform

*A Thesis submitted by*

**Shubham Garg**

**(P19BB013)**

*in partial fulfilment of the requirements for the award of the degree of*

**Doctor of Philosophy**

*Under the supervision of*

**Prof. Surajit Ghosh**

**Department of Biosciences and Bioengineering**

**Indian Institute of Technology Jodhpur**

*December 2024*