

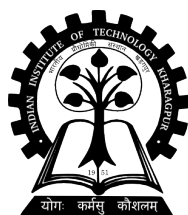
# Robust Controller Design Using $H_\infty$ -Loop Shaping Approach

*Mid-sem evaluation report submitted in partial fulfillment to the requirements  
for the degree of*

BACHELOR OF TECHNOLOGY

*by*

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## Certificate

This is to certify that the report entitled **Robust Controller Design Using  $H_\infty$  Loop Shaping Approach**, submitted by **Ayush Pandey**, an undergraduate student, in the *Department of Electrical Engineering, Indian Institute of Technology, Kharagpur, India*, for the award of the degree of Bachelor of Technology, is a record of the work carried out by him under our supervision and guidance. Neither this report nor any part of it has been submitted for any degree or academic award elsewhere.

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