



Department of Information Technology  
Indian Institute of Engineering Science and Technology,  
Shibpur

## CERTIFICATE

This is to certify that the work presented in this report entitled "DESIGN OF OBSTACLE DETECTION AND COLLISION AVOIDANCE MODEL USING RASPBERRY PI", submitted by Aditya Bose, Rajat Kumar Agarwal and Vivek Kumar, having the examination roll number 111308036, 111308038 and 111308051 has been carried out under my supervision for the partial fulfilment of the degree of Bachelor of Engineering in Information Technology during the session 2013-17 in the Department of Information Technology, Indian Institute of Engineering Science and Technology, Shibpur.

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