

# **DYNAMICS OF ROTATING SYSTEMS SUPPORTED ON FLUID FILM BEARINGS**

*A Report submitted*

*in partial fulfillment for the Degree of*

**B.Tech.**

**in**

**Aerospace Engineering**

*by*

**NIDISH NARAYANAA B**

**(SC13B038)**

pursued in

**Department of Aerospace Engineering**

**Indian Institute of Space Science and Technology**

To



**INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY**

**THIRUVANANTHAPURAM**

**April 2017**



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## **BONAFIDE CERTIFICATE**

This is to certify that this project report entitled **"DYNAMICS OF ROTATING SYSTEMS SUPPORTED ON FLUID FILM BEARINGS"** submitted to **Indian Institute of Space Science and Technology, Thiruvananthapuram**, is a bonafide record of work done by **Nidish Narayanaa B** under my supervision from **08/01/2017** to **28/04/2017**.

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Place: Indian Institute of Space Science & Technology, Thiruvananthapuram  
Date:



## **DECLARATION**

This is to declare that this report has been written by me. No part of the report is plagiarized from other sources. All information included from other sources have been duly acknowledged. I aver that if any part of the report is found to be plagiarized, I shall take full responsibility for it.

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