

Ground Console and Analysis for ANALOG MINI MAGNETOMETER

Submitted by,

RAGHUVeer V - 20211COM0030

Under the guidance of,

Mr. Mohamed Shakir

in partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER ENGINEERING

At



PRESIDENCY UNIVERSITY

BENGALURU

MAY 2025

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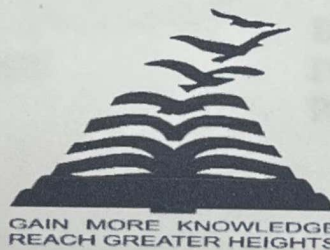
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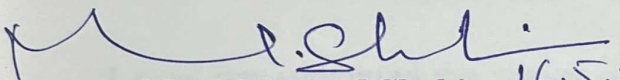
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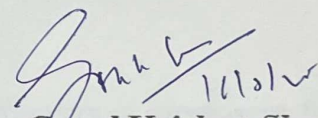
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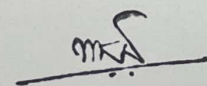
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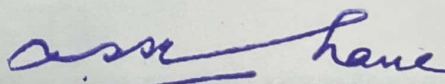
CERTIFICATE

This is to certify that the Internship report “Ground Console and Analysis for ANALOG MINI MAGNETOMETER” being submitted by “RAGHUVeer V” bearing roll number “20211COM0030” in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in Computer Engineering is a bonafide work carried out under my supervision.


Mr. Mohamed Shakir 16.5.2025
Assistant Professor - PSCS
Presidency University


Dr. Gopal Krishna Shyam
Professor & HoD-PSCS
Presidency University


Dr. Mydhili K Nair
Associate Dean-PSCS
Presidency University


Dr. Sameeruddin Khan
Pro Vice Chancellor
Engineering
Dean -PSCS / PSIS
Presidency University

PRESIDENCY UNIVERSITY

PRESIDENCY SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

DECLARATION

I hereby declare that the work, which is being presented in the project report entitled **“Ground Console and Analysis for ANALOG MINI MAGNETOMETER”** in partial fulfilment for the award of Degree of **Bachelor of Technology in Computer Engineering**, is a record of our own investigations carried under the guidance of **Mr. Mohamed Shakir, Assistant Professor , Presidency School of Computer Science and Engineering , Presidency University, Bengaluru.**

I have not submitted the matter presented in this report anywhere for the award of any other Degree.



RAGHUVeer V (20211COM0030)

INTERNSHIP COMPLETION CERTIFICATE

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CERTIFICATE

This is to certify that **RAGHUVeer V**, a *bonafide* student of **Presidency University**, has carried out Project work entitled "**Ground Console and Analysis for Analog Mini Magnetometer**" in partial fulfilment of the requirements for the award of degree of **B. Tech in Computer Engineering** as prescribed by the College/University at Laboratory for Electro-Optics Systems (LEOS), ISRO, Bengaluru during the period from **3rd February, 2025 to 2nd May, 2025**. This project is an authentic work carried out by the above student at our facilities and his/her performance is Excellent.

Signature of Guide

A. Alam
29-04-2025

Aftab Alam

Scientist/Engineer-"D"
Group, LEOS

Signature of GD, PPEG

महेश पद्माश्री 29-04-25

पद्माश्री S. Padmasree S.

Scientist/Engineer-"G"
Group Director,
PPEG, LEOS

ACKNOWLEDGEMENTS

First of all, we indebted to the **GOD ALMIGHTY** for giving me an opportunity to excel in our efforts to complete this project on time.

We express our sincere thanks to our respected dean **Dr. Md. Sameeruddin Khan**, Pro-VC - Engineering and Dean, Presidency School of Computer Science and Engineering & Presidency School of Information Science, Presidency University for getting us permission to undergo the project.

We express our heartfelt gratitude to our beloved Associate Dean **Dr. Mydhili K Nair**, Presidency School of Computer Science and Engineering, Presidency University, and **Dr. Gopal Krishna Shyam**, Head of the Department, Presidency School of Computer Science and Engineering, Presidency University, for rendering timely help in completing this project successfully.

We are greatly indebted to our guide and reviewer **Mr. Mohamed Shakir**, Assistant Professor Presidency School of Computer Science and Engineering, Presidency University for her inspirational guidance, and valuable suggestions and for providing us a chance to express our technical capabilities in every respect for the completion of the project work.

We would like to convey our gratitude and heartfelt thanks to the CSE7301 Internship Coordinator **Mr. Md Ziaur Rahman** and **Dr. Sampath A K**, department Project Coordinators **Mr. Mohamed Shakir** and Git hub coordinator **Mr. Muthuraj**.

We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.



RAGHUVeer V (20211COM0030)