**ROS2 LIDAR AUTO-CALIBRATION AND SLAM**

Report submitted to GITAM (Deemed to be University) as a partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in (EECE)

**JAMIU A.O.**

**BU22EECE0100484**

**DECLARATION**

I declare that the project work contained in this report is original and was done by me, under the guidance of my project guide.

Name: Jamiu A.O

Date: Signature

**Department of Electrical, Electronics and Communication Engineering GITAM School of Technology, Bengaluru-561203**



**CERTIFICATE**

This is to certify that ADEGOKE JAMIU OLALEKAN, bearing BU22EECE0100484, has satisfactorily completed the Mini Project entitled in partial fulfilment of the requirements as prescribed by the University for the VIIth semester, Bachelor of Technology in “Electrical, Electronics and Communication Engineering” and submitted this report during the academic year 2025-2026.

[Signature of the Guide] [Signature of HOD]

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Here, write Suggestions for further research or development, and Potential improvements or extensions

**Chapter 8: Future Work**

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**References**

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