

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**Jnana Sangama, Belagavi – 590018**



**Mini Project Report On**

**“Springless Automobile Suspension Using Bevel Gears”**

*Submitted in partial fulfillment of the requirement for the award of  
the degree of*

**BACHELOR OF ENGINEERING**

**in**

**MECHANICAL ENGINEERING**

**by**

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**Under the Guidance of  
DR. SUNIL KUMAR S  
Associate Professor**



**DEPARTMENT OF MECHANICAL ENGINEERING  
A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**A Unit of Laxmi Memorial Education Trust ®**

**(Approved by AICTE, New Delhi, affiliated to VTU, Belagavi, Recognized by  
Govt. of Karnataka)**

**Kottara Chowki, Mangaluru-575006, Karnataka**

**2023-2024**

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**2023-2024**



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CERTIFICATE**

Certified that the project work entitled “Springless Automobile Suspension Using Bevel Gears” carried out by Abhishek Bhat P (4JK21ME004), Akash V (4JK21ME011), Naveena C K (4JK21ME046), Shreyas K (4JK21ME056) the bonafide students of A.J. Institute of Engineering and Technology in partial fulfilment for the award of Bachelor of Engineering in Mechanical Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said Degree.

**Dr. Sunil Kumar S**

Project Guide

**Dr. Rajesh Rai P.**

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**Signature with Date**