



SNS COLLEGE OF ENGINEERING

AN AUTONOMOUS INSTITUTION



Department of Mechanical & Mechatronics Engineering

Smart Load: Real-Time Tilt & Load Optimization

Project Guide

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AP/Mechanical

Team Members

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CATEGORY

Innovation Industry Vertical

Automobile

Innovation Technology

**Robotics &
Automatiion**



PROBLEM STATEMENT

- "Uneven load distribution in lorries causes instability, increasing accident risks.
- Real-time tilt monitoring and load optimization are essential for improving vehicle safety and cargo management."



WORK CHART

Work Description		
	01.12.2023	16.12.2023
	-	-
	15.12.2023	19.12.2023
Zeroth Review	4.12.2023	-
Empathy & Define	-	-
Ideate	-	-
First Review	-	-
Prototype	-	-
Second Review	-	-
Test		-
Third Review		-
Report & PPT		



Thank You