An Industrial Oriented Mini Project Report

On

**TRANSFORMER FAILURE CLASSIFICATION USING ENSEMBLE MACHINE LEARNING TECHNIQUE**

Submitted to Kommuri Pratap Reddy Institute of Technology for the partial fulfillment of the Requirement for the Award of the Degree of

**Bachelor of Technology**

**in**

**Computer Science and Engineering (AI&ML)**

by

**B. KARTHIK (22RA1A6635)**

Under the guidance of

**Mrs. A. HAREESHA,**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(AI&ML)**

**KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY**

**(UGC Autonomous Institution, Affiliated to JNTUH ,Hyderabad)**

**Ghanpur (V), Ghatkesar (M), Medchal (D)-500088**

**2024-2025**

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**CERTIFICATE**

This is to certify that the dissertation entitled **“TRANSFORMER FAILURE CLASSIFICATION USING ENSEMBLE MACHINE LEARNING TECHNIQUE ”** being submitted by **B.KARTHIK (22RA1A6635)** in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering (AI&ML) to the Kommuri Pratap Reddy Institute of Technology is a record of confined work carried out by him/her under my guidance and supervision.

Guide’s signature Signature of the Head of the Dept.

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**DECLARATION**

I, **B. KARTHIK (22RA1A6635),** hereby declare that the project report titled **“TRANSFORMER FAILURE CLASSIFICATION USING ENSEMBLE LEARNING TECHNIQUE”** under the guidance of Mrs. A. HAREESHA, Assistant Professor, Department of Computer Science and Engineering(AI&ML), Kommuri Pratap Reddy Institute of Technology, Ghanpur, is submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering (AI&ML).

This is a record of bonafide work carried out by me and the results embodied in this project have not been reproduced or copied from any source. The results embodied in this thesis have not been submitted to any other University and Institute for the award of any Degree or Diploma.

**SUBMITTED BY**

**B. KARTHIK (22RA1A6635)**

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