



# KLS Vishwanathrao Deshpande Institute of Technology

(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

(Recognised Under Section 2(f) by UGC, New Delhi)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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## Report on Industrial Visit to Advaita Electric Industry, Haliyal

A group of 53 students from the 5th semester, accompanied by Prof. Deepak V. Lokare and Prof. Kirankumar H, visited Advaita Electric Industry, located in Haliyal on 25<sup>th</sup> August 2025. The visit was organized successfully with the prior permission of Advaita Electric Industry, Haliyal, under the guidance of our beloved Principal Dr. V. A. Kulkarni and by the initiative and persistent efforts of Head of Department Prof. Rajeshwari N.

During the visit, students gained insightful knowledge about the electric motor rewinding process. Rewinding involves removing all the existing windings—wires placed within the stator of the motor, which generate the magnetic field required to drive the rotor and enable motor function.

The rewinding process consists of three key stages:

1. Stripping the old windings (coils)
2. Inserting and connecting new windings
3. Insulating the new windings to ensure safe and efficient operation

After these steps, the rewound motor undergoes three different testing methods to ensure it meets performance and safety standards. Once tested and certified, the motor is dispatched to the respective company.

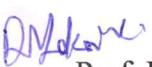

Advaita Electric Industry is an authorized service provider for reputed companies such as Kirloskar Electric, Paarys EID Parry Ltd., The West Coast Paper Mills Ltd., and others. The industry handles rewinding of motors ranging from 0.25 HP to 100 HP.

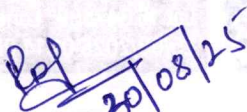
This industrial visit provided students with valuable practical exposure, helping them connect theoretical knowledge with real-world applications in the field of electrical engineering.

Program Outcomes and Program Specific Outcomes from the Industrial visit

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
3							2				2		

Industrial visit related images are attached with this report.

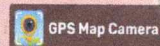
  
Prof. Deepak V Lokare  
  
Prof. Kirankumar H  
Industry Visit Incharge

  
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