

ANNUAL REPORT (2024-25)

01 July 2024- 30 June 2025

FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Electrical Engineering

Established (Year): 2002

About the Department:

The department offers a regular course for the award of the degree in Bachelor of Technology (B.Tech.) in Electrical Engineering since 2002 and Department also offers a three-year regular course, Diploma in Electrical Engineering since 2022-23. The curriculum provides strong base to the students in Electrical Engineering and exposure to the latest technologies in various aspect of worldwide. Collaboration with faculty members from other disciplines, both within and outside the institute even from reputed industries is also being encouraged. The department currently has well maintained laboratories, equipped with latest equipment and software platforms, to impart state-of-the art technical knowledge.

Head of Department: Mr. Gajendra Singh Rawat

Faculty Members:

1. Mr. Gajendra Singh Rawat
2. Mr. Yogesh Kumar
3. Dr. Brijesh Kumar
4. Dr. Ashish Dhamanda
5. Mr. Gaurav Kumar
6. Mr. Lokesh Bhardwaj
7. Mr. Aviral Awasthi

Details of Publication/Conference attended/ Workshop attended/ Awards/ Invited talk/MOU etc.:

- I. No. of publications in UGC listed journals with impact factors (if any):**00**
- II. No. of books/edited books/chapters in books: **00**
- III. No. of papers presented in conferences/seminars by the faculty members:**01- Annexure- I**
- IV. No. of awards to faculty members: 00
- V. No. of Patents: **00**
- VI. No of Invited talk delivered: 00
- VII. No. of FDP/ Workshop Attended **04– Annexure- II**
- VIII. No. of Events Organized **07– Annexure- III**
- IX. MOU 01- **Annexure-IV**

Annexure I

Papers Presented in Conferences/Seminars

1: Ashish Dhamanda, Gajendra Singh Rawat, Yogesh Kumar, Brijesh Kumar, Gaurav Kumar presented paper on “**Utilization of Artificial Intelligence (AI) And Conventional Technique to Derive the Response of Thermal Power System**”, in International Conference on “**AUTOMATION FOR SUSTAINABLE FUTURE**” on 07-08 March 2025, FET, Gurukula Kangri (Deemed to be University), Haridwar, Uttarakhand, India.

Annexure II

FDP/Workshop Attended

1. Ashish Dhamanda attended online FDP on “**Multi-Disciplinary Education & Research with Emphasis on Indian Knowledge System**”, on 21-27 January 2025 (One Week) Organised by Faculty of Science, Motherhood University, Roorkee, Uttarakhand, India.
2. Gajendra Singh Rawat attended online FDP on “**Recent Trends in Intelligent Control and Electric Vehicle**”, on 03-08 March 2025 (One Week) Organised by HBTU, Kanpur, UP India.
3. Aviral Awasthi attended online FDP on “**Recent Trends in Intelligent Control and Electric Vehicle**”, on 03-08 March 2025 (One Week) Organised by HBTU, Kanpur, UP India.
4. Aviral Awasthi attended online FDP on “**Exploring AI using IBM WATSON AND GOOGLE COLAB**”, on 03-08 February 2025 (One Week) Organised by GKV, Haridwar, India.

Annexure III

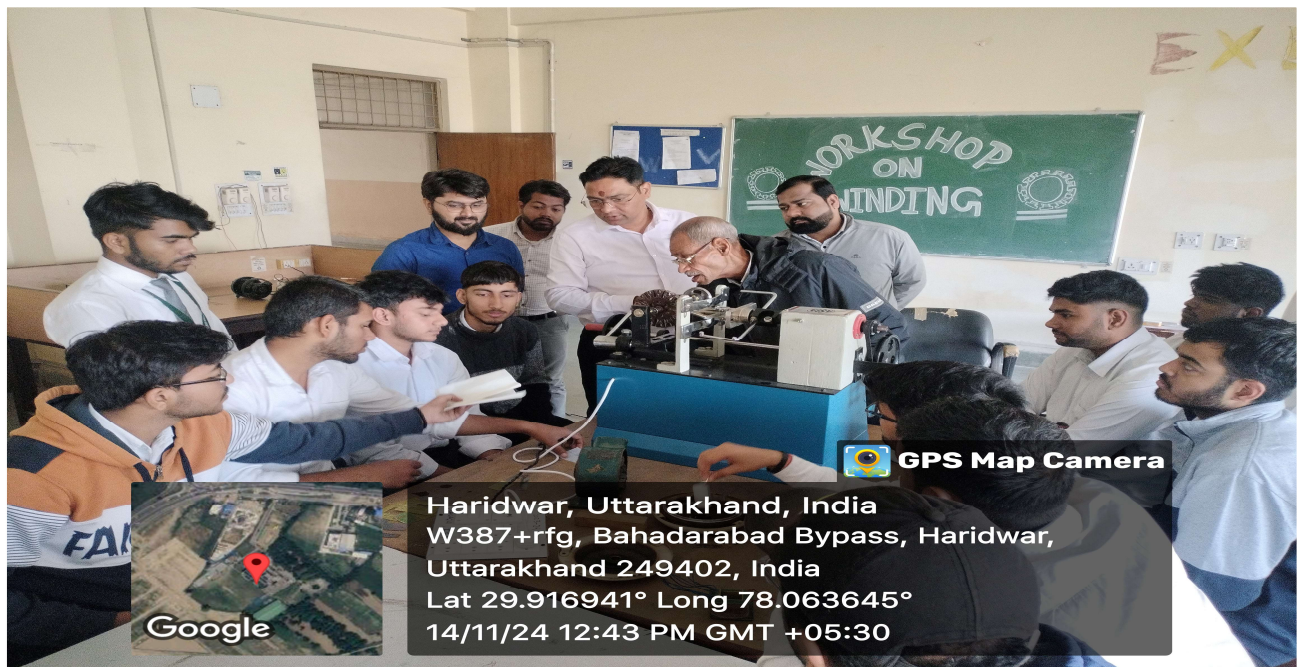
Event Organised

1. Department of Electrical Engineering organised **Quiz Competition** on **30 September 2024**.





4. Department of Electrical Engineering organised workshop on **Winding** on 14 November 2024.



5. Department of Electrical Engineering organised **Educational Visit of GIC Landhaura, Haridwar Students** on **06 December 2024**.



6. Department of Electrical Engineering organised **Quiz Competition on Renewable Energy** on **22 March 2025**.
7. Department of Electrical Engineering organised workshop on **Inverters** on 31 December **2024**.
8. Department of Electrical Engineering organised workshop on **Building and Understanding Drones: DM002 WiFi FPV RC DIY Quadcopter Kit**.

Annexure IV

MOU:-

- 1: Department signed MOU with “Dronacharya Unmanned Aviation Innovation” (DUA), Dehradun on 16 February 2024.

