

# **ANNUAL REPORT (2020-21)**

**01 July 2020- 30 June 2021**

## **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. The curriculum provides strong base to the students in Electrical Engineering and provides exposure to the latest technologies. Collaboration with faculty members from other disciplines, both within and outside the institute, is 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. Mr. Brijesh Kumar
4. Dr. Ashish Dhamanda
5. Mr. Bipin Kumar Nishad
6. Mr. Gaurav Kumar
7. Mr. Ankush Sharma
8. Mr. Sumit Chaudhary
9. Mr. Bhuwan Satija
10. Mr. Aevant Kumar

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

1. Publication work/Research work
  - A. Number of Research Paper Published:**01 (Annexure-1)**
  - B. Number of Book Published: **NIL**
2. Paper presented in Seminars/Conference/Webinar/Workshop: **NIL**
3. Invited lectures/Lectures/Radio-TV talks/debates: **NIL**
4. Awards from Society or Government: **NIL**

5. No. of Seminars/Conferences/Webinar/Workshop organized: **03 (Annexure-2)**
6. Foreign academic visits/Lectures of foreigner eminent Professors/Scientists: **NIL**
7. MoU with other Universities/Industries/Others: **NIL**
8. Any other Important Information's: **(Annexure-3)**
  1. FDP/STC/Webinar/Refresher Course attended by the faculty: **20**

## Annexure-1

### Details of Research Publications

1. Yogesh Kumar, "Contingency Ranking for Voltage Stability in Power System", Published in international journal PENSEE, Volume 51, ISSUE01-2021, ISSN: 0031-4773.  
<https://penseersearch.com/index.php/indexing/>

## Annexure-2

### Seminars/Conferences/Webinars/ Workshop organized by the Department

1. Department of Electrical Engineering organized AICTE Sponsored ATAL Faculty Development Program on "Robotics" from 19-23 October 2020.
2. Department of Electrical Engineering organized Alumni Lecture by Mr. Lekhraj Meena in "Shipbuilding Design" on 30 Jan 21.
3. Department of Electrical Engineering organized Alumni Lecture by Mr. Aditya Shandilya in "Career Opportunities Other than Engineering" on 02 Feb 21

Dear Participants

Greetings of the Day,

You have been selected for ATAL-AICTE sponsored Faculty Development Program (FDP) on **ROBOTICS** organized by Department of Electrical Engineering, Faculty of Engineering & Technology, Gurukul Kangri (Deemed to be University), Haridwar, Uttarakhand.

The FDP will start on October 19, 2020 to October 23, 2020.

The FDP will be conducted on an online platform Cisco Webex, for which the link is shared below.

You are requested to join 10 minutes before each session.

**Detailed schedule and other instructions will be given through whatsapp group.**

Meeting at: Cisco Webex

Meeting number: 170 599 6032

Meeting Password: aicte5123

Meeting Link:

<https://okvv.webex.com/okvvj.php?MTID=ma5047299279725775aa9132f16cd2b0>

JOIN WHATSAPP GROUP BY USING LINK BELOW

<https://chat.whatsapp.com/HxdFK4D3TqC6gnFSfz23U>

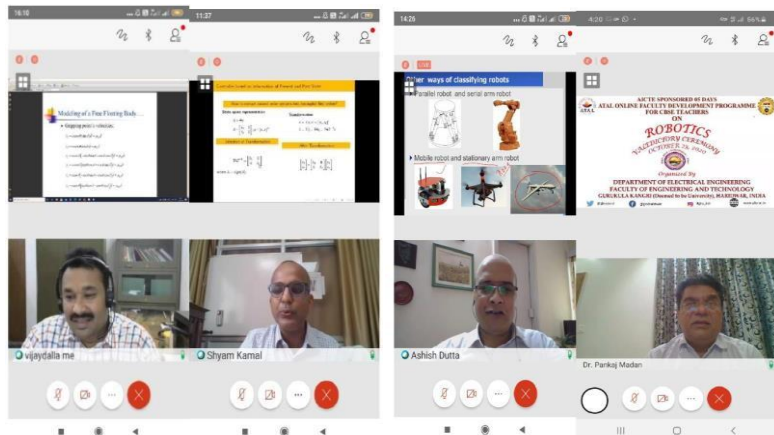
Thank You.

Regards

Mr. Gajendra Singh Rawat

Coordinator

ATAL-AICTE FDP for CBSE Teachers on 'ROBOTICS'



AICTE Sponsored ATAL FDP on "Robotics" from 19-23 October 2020.



**Alumni Lecture in Shipbuilding Design on 30 Jan 21**



If not Engineering then.....?



**Alumni Lecture in Career Opportunities Other than Engineering on 02 Feb 21**

**Annexure-3**

**1. FDP/STC/Refresher Course attended by the faculty:**

S.No	Name of Faculty	FDP/STC/Webinar/Refresher Course	Date
1	Mr. Gajendra Singh Rawat	Webinar on "Indian Food Processing Industry: Goldmine for Entrepreneurship Opportunities" Department of Computer Science & Engineering, FET, GKV Haridwar	04-07- 2020
2	Mr. Gajendra Singh Rawat	Recent Trends in Renewable Energy Systems and Their Control	14-18 Sept 2020

3	Mr. Gajendra Singh Rawat	Robotics (FDP Organised)	19-23 Oct 2020
4	Mr. Gajendra Singh Rawat	How Engineers can contribute in fight against Covid-19 Pandemic.	06-07-2020
5	Mr. Gajendra Singh Rawat	Online Student Induction Program	(14-12-2020) to (19-12-2020)
6	Mr. Yogesh Kumar	FDP on Inculcating Universal Human Values in Technical Education	(15-03-2021) to (19-03-2021)
7	Mr. Brijesh Kumar	Online Student Induction Program	(14-12-2020) to (19-12-2020)
8	Mr. Brijesh Kumar	Workshop on Simulation Software for Electrical Engineers	(08-02-2021) to (12-02-2021)
9	Mr. Brijesh Kumar	STC on Finite Element Analysis for Engineers	(07-12-2020) to (12-12-2020)
10	Mr. Brijesh Kumar	FDP on Control Systems and Sensors Technology	(1-2-2021) to (5-2-2021)
11	Mr. Brijesh Kumar	FDP on Power Electronics application in Machine Drives and Power System	(1-12-2020) to (5-12-2020)
12	Dr. Ashish Dhamanda	FDP on Frugal Innovations and Social Entrepreneurship	(25-01-2021) to (30-01-2021)
13	Dr. Ashish Dhamanda	FDP on Control Systems and Sensors Technology	(21-09-2020) to (25-09-2020)
14	Dr. Ashish Dhamanda	FDP on Block Chain	(14-12-2020) to (18-12-2020)
15	Dr. Ashish Dhamanda	FDP on Leadership and Excellence	(14-09-2020) to (18-09-2020)
16	Dr. Ashish Dhamanda	Online Student Induction Program	(14-12-2020) to (19-12-2021)
17	Dr. Ashish Dhamanda	FDP on Sustainability Engineering	(11-01-2021) to (15-01-2021)
18	Dr. Ashish Dhamanda	FDP on Inculcating Universal Human Values in Technical Education	(01-02-2021) to (05-02-2021)
19	Dr. Ashish Dhamanda	Online UHV Refresher 1 FDP	(15-02-2021) to (19-02-2021)
20	Mr. Bipin Kumar Nishad	FDP on Inculcating Universal Human Values in Technical Education	(08-02-2021) to (12-02-2021)
21	Mr. Ankush Sharma	Power Conversion Technologies for Renewable Energy and Micro-Grid Application	(02-03-2021) to (06-03-2021)

22	Mr. Ankush Sharma	AICTE Online Student Induction Program- eSIP 2020	(08-11-2020) to (13-11-2020) and (16-11-2020) to (20-11-2020)
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