

# CURRICULAM-VITAE

**Name** : ABHILEKH BARTWAL  
**Designation** : Assistant Professor  
**Present Institute** : G. B. P. I. E. T Ghurdauri Pauri,  
Pauri Garhwal Uttarkhand  
**Age** : 26  
**Date of birth** : 05/Nov/1993  
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Qualification	School / University	Education Year	Total marks %/ CGPA	Remarks
Board of School Education Uttarakhand(Class X)	Govt. Inter College, Srinagar Garhwal	2007-08	89.40	9 <sup>th</sup> rank in state merit list
Board of School Education Uttarakhand (Class XII)	Govt. Inter College, Srinagar Garhwal	2009-10	88.60	State Board Topper
B.E. (Hons.) Electrical & Electronics Engineering	Birla Institute of Technology & Sciences (B.I.T.S.) Pilani, Pilani Campus (Rajasthan)	2010-14	6.08	
M.Tech Power System Engineering	Uttarakhand Technical University Dehradun	2016-18	81.88	University Topper

## Internship:-

### 1. Instrument Research and Development Establishment (IRDE), DRDO, Dehradun

June 2013- July 2013

- o Worked on 'Design of High Peak Current and Narrow Pulse Laser Diode Driver'. Which could generate current pulse of amplitude range from 6 to 30A, with pulse widths varying from 40 to 100ns and frequencies from 500 Hz to 50 KHz.

Guide: Mr. Pradeep Kumar, Scientist 'D' at Laser Instrumentation Design Lab, IRDE (DRDO), Dehradun

## **2. Rourkela Steel Plant- Steel Authority of India Limited (SAIL), Rourkela**

May 2012- July 2012

- o Worked on ‘**A Comparative Study on Programmable Logic Controller (PLC) and Distributed Control System (DCS) for Automation**’.

Guide: Mr. S.C. Patra, AGM at Electronics and Instrumentation Department, SAIL Rourkela

### **Academic Projects :-**

1. M. Tech Thesis on ‘**A Cost Comparison Analysis Between Solar Water Pumping & Diesel run Water Pumping System for the Water Security in the Mountainous Region of Uttarakhand**’
2. B.E.(Hons.) Thesis on ‘**Implementation of IFOC model in Induction Motor fed by Z source Inverter used in Electrical Vehicle**’
3. Lab Oriented Project on ‘**Efficient Switching Mode Power Supply**’  
Guide: Mr. Ajeet K Dhakar, Scientist ‘D’, Department of Industrial Electronics Group, CSIR,CEERI-Pilani
4. Study Oriented Project on ‘**DC to DC Boost Converter**’  
Guide: Prof. Bidyadhar Subudhi, HOD Department of Electrical Engineering, NIT Rourkela
5. Study Oriented Project on ‘**Effect on Advertising Language on Children**’  
Guide: Dr. Ruchika Sharma, Assistant Professor, Department of Humanities and Language, BITS Pilani

### **ACADEMIC ACHIEVEMENTS AND AWARDS**

- Gold Medalist of **UTU University** in M. Tech. Power System branch.
- Topped the “**Uttarakhand Board**”
- Awarded the “**Pandit Deendayal Upadhyay rajya sakshik utkrishtha prize**” by Board of school education Uttarakhand and Uttarakhand state government
- Qualified Gate exam in 2015,2016,2017,2018, 2019 in Electrical Engineering.
- Awarded the ‘Centre Sector Scholarship Scheme’ in B.E.(Hons.)
- Awarded ‘**एकीकृत छात्रवृत्ति**’ in class 9<sup>th</sup>,10<sup>th</sup>,11<sup>th</sup>,12<sup>th</sup> class

### **EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS**

- C and B certificate in National Service Scheme, G.I.C. Srinagar Garhwal
- Participate in State Science Exhibition in “Parivahan & Sanchar” category in 9<sup>th</sup> class
- Member of Uttarakhand Regional Association, Udgam BITS Pilani
- Member of Press Club(HPC) BITS Pilani
- **Hobbies:** Watching football, listening music-alternate rock, playing FIFA, world and Indian history, international relation

(MR. ABHILEKH BARTWAL)