Vinay Mohan Kotwal

Name	Vinay Mohan Kotwal
Designation/ Institution	Assistant Professor / GBPIET, Ghurdauri, Pauri Garhwal
Address	S/o Mr. Brij Mohan kotwal Kotwal Niwas, Circuit House Pauri Garhwal,Uttarakhand,246001
Email	vinaykotwal2@gmail.com
Contact	9897557262
Date of birth	28-12-1983

Academics -

Course of Study	Duration	College/Board
High School	1997-1998	G.I.C. Pauri .(U.P. Board)
Intermediate	2000-2001	G.I.C. Pauri. (U. P. Board)
Bachelor of Engineering (Electronics & Communication Engineering)	2004-2008	G B Pant Engineering College, Pauri. (H. N. B.G. U. Srinagar) UK
Master of Technology (Digital signal Processing)	2008-2010	G B Pant Engineering College, Pauri. (U.T.U. Dehradun) UK

Teaching Experience- 12 YEARs -

Name of Institution	Designation	Duration
University of Science & Instrumentation Centre, H. N. B. Garhwal University, Chauras (Srinagar) UK.	Guest-Lecturer	Sept.2010- Feb.2011
G. B. Pant Engg. Pauri ,Garhwal, UK	Assistant Professor (Contractual)	14 Feb.2011 – 30 Sept. 2011
G. B. Pant Engg. Pauri ,Garhwal, UK	Assistant Professor (Permanent)	1 Oct 2011-Till date

Short Term Courses, Conferences & Seminars -

- One Week Training on **Induction Training Program** through **AICTE** from 8 July to 12 July 2013, Sponsored by **NITTR, Chandigarh**.
- One Week Training on **Information Technology & it's Impact on Society** through **TEQIP** from 26 Aug to 30 Aug 2013, Sponsored by **GB Pant Engg. College Pauri**, **UK.**
- One Week Training on **ECO-Technology for Sustainable Development** through **TEQIP** from 21 Oct to 25 Oct 2013, Sponsored by **GB Pant Engg. College Pauri**, **UK.**
- Two days **National Conference** on **Technological Revolution in Electrical Engineering** through **TEQIP** from 22 May to 23 May 2014, Sponsored by **GB Pant Engg. College Pauri**, **UK.**
- Two days **Seminar** on **Recent Trends in Electronic Devices and Signal Processing** through **TEQIP-III** from10 Oct to 11 Oct 2017 from **GBPIET, Pauri.**
- Two days **Seminar** on **Recent Trends in Electrical Engineering with Emphasis On Renewable Energy** through **TEQIP-III** from16 Nov to 17 Nov 2017 from **GBPIET, Pauri.**
- One Week **Short Term Course** on "**Modeling and Simulation of advanced semiconductor devices & VLSI circuits"** from June 25 to 29 June 2018 from **GBPIET, Pauri**
- One week workshop on **Active Learning, Autonomy, Academic Governance and R & D** through **TEQIP-III** organised by **IIT Roorkee** from 2 July to 6 July 2018 **One Week TEQIP-III** sponsored Short term course On **Technological Innovations and Challenges in Biomedical Instrumentation** from 23 November to 27 November 2020 from **GBPIET Pauri**, **UK**.
- One week short term course on **Emerging Trends And Technology In IOT And Cloud Computing** sponsored by **TEQIP** from 10 September to 14 September 2018 organised by **GBPIET Pauri**.
- One week short term course on **Entrepreneurship & Business Incubation through ICT** sponsored by **NITTR Chandigarh** from 8 October to 12 October 2018 organised by **GBPIET Pauri**.
- One week short term course on **Digital Marketing and E-Commerce through ICT** sponsored by **NITTR Chandigarh** from 29 October to 2 November 2018 organised by **GBPIET Pauri**.
- One Week Training on **Advances in Materials & Manufacturing** through **TEQIP** from 24 December to 28 December 2018, Sponsored by **GBPIET Pauri**, **UK.**
- One Week Training on **FPGA And Mentor Graphics Tools** through **TEQIP-III** from 10 October to 14 October 2019, Sponsored by **GBPIET Pauri**, **UK.**
- One Week Training on **Emerging Technologies and Soft Computing for Combating Climate Change And Sustainable Development** Techniques For Combating Climate Change through **TEQIP** from 11 November to 15 November 2019, Sponsored by **GBPIET Pauri**, **UK.**

- One Week **Workshop** on **Antenna: Design, Fabrication & Measurement Techniques** through **TEQIP-III, ISTE** from 25 November to 29 November 2019, Sponsored by **GBPIET Pauri**, **UK.**
- **Hall Management Committee Member** of two days **International Conference** on **Smart Machine Intelligence and Real-Time Computing** through **TEQIP-III, ISTE** from 26 June to 27 June 2020, Sponsored by **GBPIET Pauri**, **UK.**
- One Week **FDP** on **Blockchain and It's Applications** through **TEQIP-III** from 20 July to 24 July 2020, Sponsored by **GBPIET Pauri**, **UK.**
- One Week **Online International Faculty Development Programme** on **Deep Learning & Computational Intelligence In Internet Era** from 27 July to 31 July 2020 through **TEQIP-III** from **GBPIET Pauri**, **UK**.
- **Two Weeks Online Faculty Development Program** on **Recent Research Trends in Electronics and Communication Engineering** from 18 August to 28 August 2020 through **TEQIP-III** from **GBPIET Pauri**, **UK.**
- **Two Weeks Online Faculty Development Program** on **Techno-Economical and Environmental Aspects of Electrical Energy Systems for Sustainable Development** from 7 September to 18 September 2020 through **TEQIP-III** from **GBPIET Pauri**, **UK.**
- **One Week TEQIP-III** sponsored short term course On **Technological Innovations and Challenges in Biomedical Instrumentation** from 23 November to 27 November 2020 from **GBPIET Pauri**, **UK.**
- **One Week TEQIP** sponsored Faculty Development Programme **ICT Tools For Teaching** from 14 December to 18 December 2020 from **GBPIET Pauri**, **UK.**
-

Industrial Trainings -

- One month "**Industrial Training"** in **TELECOM** at **Srinagar (Gwl)** SSA **BSNL.**

ATAL Courses -

- AICTE Training & Learning Academy Online Elementary FDP on **"Antenna: Design, Fabrication and Measurement"** from 02/08//2021 to 06/08/2021 at **GBPIET, Ghurdauri, Pauri Garhwal.**
- AICTE Training & Learning Academy Online Elementary FDP on **"Devices and Circuits for Next-Generation Computing Architectures"** from 25/10//2021 to 29/10/2021 at **GBPIET, Ghurdauri, Pauri Garhwal.**
- AICTE Training & Learning Academy Online Elementary FDP on **"Recent Trends in Optoelectronics & Optical Communication"** from 15/11//2021 to 19/11/2021 at **GBPIET, Ghurdauri, Pauri Garhwal.**

Subjects Taught-

1. Basic Electronics Engineering
2. Introduction to Electronics & Communication Engineering
3. Modeling & Simulation of Computer Application
4. Electromagnetic Field Theory
5. Satellite Communication
6. Data Communication & Networks
7. Analog Integrated Circuits
8. Digital Electronics
9. Introduction to Electronics and Communication Engineering
10. Architecture of Digital Signal Processing

Research Work -

- 2020, **IEEE** Transactions on **" Enhanced Performance Organic Light Emitting Diode with CuI: CuPC Composite Hole Transport Layer"**
- 2022, **Sci** Publication on **" Enabling highly-efficient OLED with solution-processed nanocrystalline copper phthalocyanine hole-injection/transport layer"**

Areas of Interest -

Electronics & Communication Engineering.

Projects -

- **Radiant Heat Warmer based Temperature Analyser and Wireless Remote Data Logger.**

  This project was made during B.E. VIIth Semester The project involves sensing of temp of remote areas from the database.

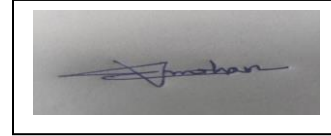- **Design and Testing of Microstrip Patch Antenna for WLAN.**

  This project was made during M. Tech. Final yr. In this project we designed microstrip patch antenna and simulate using Zeland software.

  Declaration -

I hereby declare that I have carefully read all the statements made in this resume are true and best of my knowledge and belief.

Dated: 8-07-2022   **Signature of the applicant**

Name in full: Vinay Mohan Kotwal
Designation: Assistant Professor
Department: ECED, GBPIET,
                              Pauri Garhwal