

CHANDAN TAMRAKAR

Assistant Professor (Electronics & Communication Engg.)
SoS (E & T), Guru Ghasidas Vishwavidyalaya (Central University) Bilaspur (C.G.)
E-Mail: chandan.elex@gmail.com
Mobile No: 9981237678



EDUCATIONAL QUALIFICATION

- **10th Standard** from Chhattisgarh Board of Secondary Education in the year 2004.
- **12th Standard** from Chhattisgarh Board of Secondary Education in the year 2006
- **B.E. (ET & T)** from Chhattisgarh Swami Vivekanand Technical University Bhilai in the year 2010.
- **M.E. in E & TC (Communication)** from Chhattisgarh Swami Vivekanand Technical University Bhilai in the year 2015

PROFESSIONAL ACHIEVEMENT

- Qualified for **Junior Research Fellowship (JRF)** and Eligibility for **Assistant Professor** in the National Eligibility Test (UGC-NET) conducted in December 2018 and Eligibility for **Assistant Professor** only in December 2015 in the subject “**Electronics Science**”.
- Qualified **GATE** Examination 2011.

EXPERIENCE

- Assistant Professor (Regular Appointment) in the Deptt. of Electronics & Communication Engineering, Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur (C.G.) from **February -2020 to till now.**
- Assistant Professor (Ad-hoc) in the Deptt. of Electronics & Communication Engineering, Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur (C.G.) from **July-2018 to Jan-2019**, from **Jan-2019 to Jun-2019** and **July-2019 to Dec-2019.**
- Assistant Professor (Ad-hoc) in Govt.V.Y.T. PG. AUTO. College Durg from **Sep-2011 to Apr-2012**, **Aug- 2012 to Feb-2013**, **Aug – 2016 to Apr- 2017 & July – 2017 to Apr- 2018.**
- Assistant Professor in the Deptt. of Electronics & Telecommunication Engineering, SUN Engineering College Durg, from **July-2013 to April-2015.**

PROJECTS

- M.E.(Communication) : A Novel Approach for Feature Extraction of ECG Signal using LabVIEW
- B.E.(ET & T) : I2C Bus Protocol Design Using VHDL

AREA OF INTEREST

- Communication & Signal Processing, Biomedical Signal Processing (ECG Signal)

PAPER PRESENTED & PAPER PUBLISHED

- **Chandan Tamrakar** (2019), Presented a Research paper “*Role of New Era of Computational Science and Engineering for Human Heart Monitoring* ” National Interdisciplinary Research Seminar cum Conference on Recent Trends and development in science for humanity, Organized by Govt. E. Raghvendra Rao Postgraduate Science College, Bilaspur (C.G.) Sponsored by Chhattisgarh Council of Science & Technology, Raipur (C.G.) on January 13th -14th, 2019.
- **Chandan Tamrakar** (2015). “*Detection of Rpeak Index and Characterization of QRS Complex of the ECG Signal using Virtual Instruments of Lab VIEW*”. International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-5 Issue-1, pp.-64-68.
- **Chandan Tamrakar** (2014). “*A novel mathematical ECG signal analysis approach for features extraction using LabVIEW*”. i-manager’s Journal on Digital Signal Processing, 2(3), Jul-Sep 2014, Print ISSN 2321-7480, E-ISSN 2322-0368, pp.14-21

WORKSHOP & FACULY DEVELOPMENT PROGRAM

- Attended Two Days **Online Workshop** on “**Basics of MATLAB and Its Engineering Applications**” held on **21th to 22nd May 2020** Organized by Department of Mechanical Engineering, PES’s Modern College of Engineering Pune, Maharashtra, India.
- Participated in One Week **Online Faculty Development Program** on “**LaTeX**” organized by Department of Civil Engineering, Shri Vile Parle Kelavani Mandal’s Institute of Technology, Dhule, Maharashtra, India in association with Spoken Tutorial, Indian Institute of Technology Bombay, conducted from **1st June 2020 to 7th June 2020**.

COURSE TAUGHT

- Electronic Devices
- Analog & Digital Communication
- Digital Signal Processing
- Linear Integrated Circuits & Its Applications
- Wireless Sensor Networks



(Chandan Tamrakar)