

# Biosketch

**Faculty Name: YAMINI YADAV**



## **Areas of Interest:**

Electronics Engineering, Control System, Principle of Communication and Data Structure.

## **Education**

- 1) M. Tech., Indian Institute of Technology, Kanpur
- 2) B. Tech., Uttar Pradesh Technical University

## **Academic/Industrial Experience**

1. Assistant Professor, Electronics And Communication Engineering, BBDITM, 2014- Till date.
2. Lecturer, Electrical And Electronics Engineering, BBDITM, 2009- 2011.

## **Selected Publications**

- 1) Naren Naik, Nishigandha Patil, Yamini Yadav, Jerry Eriksson and Asima Pradhan, ‘Fully non-linear SP3 approximation based optical fluorescence tomography’, IEEE transactions on medical imaging, Vol. 36, Issue 11, pp.2308-2318, November 2017.  
Citation information: DOI 10.1109/TMI.2017.2718028, IEEE Transactions on Medical Imaging
- 2) Nishigandha Patil, Naren Naik, Yamini Yadav and Asima Pradhan, “An SP3-approximation based fully non-linear reconstruction scheme for fluorescence optical tomography”, Photonics 2014 (12<sup>th</sup> International Conference on Fiber Optics and Photonics), 13-16 Dec 2014, I. I. T., Kharagpur.
- 3) Manjeet Kumar Verma, Annu Bharti, Akash Kumar Shukla, Yamini Yadav, “Device to Check Harmful Chemical in Fruit and Vegetable USING NVDI” in International journal of advances in engineering and management (IJAEM) Volume 3, Issue 7 July 2021, pp: 696-703.
- 4) Suraj sharma, Pradumn singh, Prashant vishwakarma, Nitesh kumar maurya, Yamini Yadav, “Water Quality measuring device Using IOT” in International journal of advances in engineering and management (IJAEM), Volume 3, issue 20 June 2021, pp: 2397-2400
- 5) Mahima Tiwari, Jyoti Mishra, Manisha Kumari, Ms. Yamini Yadav, “Smart Public Transport Tracking and Parking Slot Detection System” in Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 5, May 2022, (ISSN-2349-5162).

## **Other Details:**

- ❖ Successfully completed various MOOCs courses from Electronics and ICT Academy - IIT Kanpur and Became one of the Topper for the Courses- “Working with OP-Amp”, “Control Systems”.
- ❖ Certified as the Elite Silver for the NPTEL course “Accreditation and Outcome Based Learning” in 2019-20.
- ❖ Contributed as a Primary Evaluator in 'TOYCATHON-2021'. organized by AICTE and Ministry of Education Innovation Cell.
- ❖ Participated in various Faculty Development Programme (FDP), Workshops, Short Term Training Programme (STTPs), Seminars and Conferences.
- ❖ Guided various UG Projects, few of which are published.