



## Deepika Rani Sahu, M.Tech.

**Designation** : Assistant Professor

**Department** : Department of Computer Science and Engineering  
(JOINED THE INSTITUTE IN 2022)

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deepikasahu888@gmail.com

### RESEARCH INTERESTS

- ✓ Wireless Sensor Networks (Fault Diagnosis, MAC Protocols)
- ✓ Database Engineering
- ✓ Software Testing

### Academic Qualifications

Ph.D., Computer Science & Engineering (Cont.), BPUT, Odisha, India.

M.Tech (Computer Science & Engineering), NIST, Berhampur, Odisha, India.

B.Tech (Computer Science & Engineering), BPUT, Odisha, India

### Teaching Experience/Industrial Experience/Research Experience

- ✓ 9 Years of Teaching Experience

## PUBLICATIONS

### JOURNAL & CONFERENCES

- [1]. Mohanty Sarthak, Deepika Rani Sahu, and Arunanshu Mahapatro. "Fault Detection of Large Scale Wireless Sensor Networks using Six Sigma score." In 2018 International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE), pp. 343-347. IEEE, 2018.

## ANY OTHER

## PROFESSIONAL CERTIFICATIONS

- ORACLE Certified Associate (OCA), Paper-I Cleared.

## WORKSHOPS SEMINAR CONFERENCE ATTENDED

- AICTE Training and Learning(ATAL) Academy Online Elementary FDP on "Sensor Data Analytics" from 29th November to 3rd December 2021 at IIIT Kottayam.
- AICTE Training and Learning(ATAL) Academy Online FDP on "Internet of Things(IoT)" from 14th December to 18th December 2020 at NIT Meghalaya.
- Two Day Workshop on "Aligning Yourself to the Publishing Process" at Elsevier on 24th July, 2020.
- Webinar on "Online Teaching Tips And Tools", conducted by Department of Computer Science & Engineering Bennett University, Greater Noida, India held on 17th July 2020.
- Attended Webinar series on "Innovative Applications of Internet of Things and Machine Learning", from 14th July – 15th July 2020.
- Webinar on "Virtual Labs: Effective Tool for Teaching and Learning", organized in association with AICTE & Virtual Lab, Centre for System Design, NITK Surathkal held on 10th July 2020.
- One Week Faculty Development Programme on "AI and Machine Learning", Jointly organized by E& ICT Academies at PDPM IIITDM Jabalpur, NIT Warangal, MNIT Jaipur, NIT Patna, 23rd December – 27th December 2019.
- One Week Faculty Development Programme "Deep Learning & Applications", Jointly organized by E& ICT Academies at IIT Roorkee, PDPM IIITDM Jabalpur, NIT Warangal, MNIT Jaipur, NIT Patna, 9th December-13th December 2019.
- One Week Faculty Development Programme on "Python Programming with Industry Perspective", Jointly organized by E& ICT Academies at PDPM IIITDM Jabalpur, NIT Warangal, MNIT Jaipur, NIT Patna, 2nd December-6th December 2019.
- Workshop on Academic Leadership, organized by National Institute of Science & Technology (Autonomous) during 15th – 17th July, 2019.
- Short-Term course on "Introduction to Programming: A Pedagogical Approach", conducted by E & ICT Academy, IIT Kanpur from 17th June to 21st June 2019.
- One week FDP on "Embedded Systems & Interfacing Hands-on", jointly organized by E & ICT at MNIT Jaipur, NIT Patna, and IIITDM Jabalpur from 10th June -14th June 2019.
- One week FDP on "Deep Learning & Applications", jointly organized by E & ICT IIT Roorkee, MNIT Jaipur, NIT Patna, and IIITDM Jabalpur from 27th May – 31st May 2019 at NIST, Berhampur.
- FDP on Artificial Intelligence and Machine Learning by E&ICT Academy, IIT Roorkee, 17th Dec-21st Dec, 2018.
- Workshop on Artificial Intelligence And Deep Learning organized by Bennett University and NIST, Berhampur, 1st September – 3rd September, 2018.

- Attended conference on International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE) held at KIIT, Bhubaneswar, July 2018.
- Attended AICTE QIP Short Term Course on Signal Processing for Wireless Communications and Sensor Networks, VSSUT, Burla, 30th Apr-05th May, 2018.
- Attended National Workshop on Cryptography organized by School of Computer Science & Engineering, NIST, Berhampur, from 26th – 27th Feb 2018.
- Two-week ISTE Workshop on Computer Programming, NIST, IIT Bombay, 20th May-21st June, 2014.
- Modern Trends in Soft Computing and Security Issues, NIST, Berhampur, 23rd-28th September, 2013
- Wipro Mission 10X, Engineering Faculty Workshop, NIST, 20th-22nd November, 2013.