

# **CURRICULUM VITAE**



**Mrs. Deepika Maharana**

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## **Objective**

- I am becoming a good professor in Electronics and Communication Engineering field and optimally deliver the best results by utilizing the available resources.
- Maximize the exciting skills and accumulating new talents in a short time.
- Effectively communicate the acquired knowledge thereby create a significant impact in the organization I work for.

## **Educational Qualification**

<b>Qualification (Branch)</b>	<b>Institute</b>	<b>University</b>	<b>year</b>	<b>Percentage/CGPA</b>
M-Tech(ECE)	GIET Main Campus , Gunupur, Rayagada	BPUT	2017 - 2019	88.30
B-TECH(ETC)	Trident Academy of Technology, Bhubaneswar	BPUT	2009 - 2012	72.76

DIPLOMA (ETC)	Women's PolyTechnic, Bhubaneswar	SCTE&VT	2006 - 2009	77.65
Matriculation	Bhatimunda High School, Cuttack	BSE	2006	80.55

#### Teaching Experiences: **04+** years

- **Lecturer** in Dept of ECE from **29 April 2015 - 30 April 2018** RAYAGADA INSTITUTE OF TECHNOLOGY AND MANAGEMENT (**RITAM**), Rayagada.
- **Guest Faculty** in dept of ETC in Parala Maharaja Engineering College, berhampur from August 2019 to December 2019.
- **Asst. professor** in dept of ECE in Capital Engineering College, Bhubaneswar from March 2020 to till date.

#### Achievements:

- Two times qualified UGC NET as **Assistant professor** on **ELECTRONIC SCIENCE** with 53.33% in **December 2018** and as **JRF with Assistant professor** on **Electronics science** with 64% in **June 2019**.
- Qualified GATE on EC with scores 331 in 2017.

#### Workshop / Seminar attended/Projects/Publications:

1. National seminar on Recent trends in Nano Science & Technology (RINT -2011) in TAT, Bhubaneswar.
2. Projects on Temperature Sensed Speed Regulation of various appliances using Fuzzy logic during B-Tech. Line Follower Robot, PLC based automation technique, Variable Regulated power supply during Diploma.
3. Member of IAENG (International Association of Engineering) from 2016.
4. Completed summer internship at IIIT, Bhubaneswar from May 2018 in the areas of Communication and Optical System Design and currently continuing my project and paper publication on this subject.
5. Attended international conference on future trends in engineering, management, science & technology 2019 at Gunupur, Rayagada. Paper ID: ICFTEMST\_111\_EC

6. M-tech Thesis on subject “4×112Gb/s WDM based hybrid optical fiber/FSO communication system using advanced modulation” was completed and a paper publication on this topic is ongoing in IEEE conference.
7. Published research paper in journal “ optical hybrid communication system using DP-QPSK modulation technique”, page no:78-84, volume-06,issue-30,june 2019, IJRAR, e ISSN 2348-1269/2349-5138
8. Published research paper in journal” A 4 channel WDM based hybrid optical fiber/FSO communication system using dp-qpsk for bit rate of 100/112 gbps”, in IJERT, volume-08,issue-06, june 2019.
- 9.

#### **Professional/ Academic Activities/Technical Skills**

1. Teaching on Subject Analog Electronics Circuit, semiconductor device, digital electronics, signal and systems, Electromagnetic and field theory, Microwave Engg. , for B-tech. and Basic Electronics, digital electronics, Math-i/ii/iii for Diploma.
2. Guided UG projects for ECE/EEE branch at Ritam. PMEC
3. Additional Courses on VLSI, CCNA, and good computer knowledge.

#### **Personal Details**

Name : **DEEPIKA MAHARANA**  
 Father Name : **RAMESH MAHARANA**  
 Mother Name : **ANJANA MAHARANA**  
 Husband name : **AMIT KUMAR MAHANA**  
 Sex : **FEMALE**  
 Date of Birth : **28.01.1991**  
 Marriage Status : **MARRIED**  
 Permanent Address : **AT- J M colony,Prafulla nivas, R3/D8, PO- Budharaja,  
DIST- Sambalpur, ODISHA, PIN - 768004**  
 Language Known : **ODIA, HINDI, ENGLISH.**

#### **Declaration**

I hereby declared that the above particulars about me are true to the best of my knowledge and belief.

Place: cuttack

Date: 15/09/2021

A rectangular image showing a handwritten signature in blue ink. The signature is written on a light purple background. The name 'Deepika Maharana' is clearly legible in a cursive script.

Deepika Maharana