

## CURRICULUM VITAE

**Name:-Dr. SUSANTA KUMAR GAAN**

Designation:- **Associate Professor**

At:- TANGI, P.O:-KOTSAHI,

DIST:-CUTTACK, ODISHA

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### **PRESENT ADDRESS:**

S/O:- Mr. LAXMIDHAR GAAN.

AT- TANGI; P.O: -KOTSAHI;

DIST-CUTTACK;

ODISHA, INDIA-754022

### **PERMANENT ADDRESS:**

BIET CAMPUS. QR NO:-6,

AT- BARAPADA; P.O: -BARAPADA;

DIST-BHADRAK;

ODISHA, INDIA-756113

### ***EDUCATIONAL QUALIFICATIONS:***

**M Tech :-**

**Specialized field:-Advanced Communication & Networking**

**Project Title :- Design of Compact microstrip PIFA antenna for WI-FI application**

**PhD:-**

**Specialized field:- Antenna & Devices**

**Project Title :- Design & Characterization of Electromagnetic devices for sensing and communication application.**

### **PROFESSIONAL EXPERIENCE: 24 years**

- i) Working as Service Engineer from 2002 to 2003
- ii) Working as Lecturer from 2003 to 2010
- iii) Working as Senior Lecturer from 2010 to 2023
- iv) Working as Associate Professor from 2023 to till date

### **CARRIER ACHIEVEMENTS:**

- 1) NISM Qualified RA AP01074801141982 / SEBI Regn:-INZ000171337
- 3) Online/Offline trainer on Capital Investment.

### **Faculty Development Program and STTP Attained:**

- 1. Two-week Program on “Induction Training Program on teaching methodology” Jointly Organized by AICTE and NIT, Silichar. From 28<sup>th</sup> Jan-6<sup>th</sup> Feb 2005

2. Workshop on VLSI Design, Sponsored by AICTE-ISTE organized by IACR, Raygada from 8<sup>th</sup> June- 14<sup>th</sup> June 2008
3. Two-days Workshop on “Mission 10x Certification” Jointly Organized by Wipro and BIET, Bhadrak, Odisha, From 11<sup>th</sup> -12<sup>th</sup> May 2012
4. Three days FDP on “Professional Growth in Entrepreneurship Education and Development” jointly organized by BPUT and Wadhvani Foundation, 2026.

#### **RESEARCH INTEREST:**

Microstrip Antenna Design  
Metamaterial Devices  
Biomedical Sensor  
Organic Solar Cell

#### **PUBLICATIONS:**

1. Susanta Gaan, S. K. Behera, and G. Palai. "Realization of efficient transmitter and absorber using X structure at nano scale." *Optik* 159 (2018): 261-264.
2. Gaan Susanta, et al. "Measurement of Sucrose Concentration Using Optical Metamaterial Structure Via FDTD Technique." *IETE Journal of Research* (2020): 1-6

#### **NATIONAL:**

Gaan S. K., et al. "Metamaterial Design and Performance of Microwave Filters." *2018 International Conference on Applied Electromagnetism, Signal Processing and Communication (AESPC)*. Vol. 1. IEEE, 2018.

#### **SUBJECTS TAUGHT:**

##### **AT THE UG/PG LEVEL:**

Electronics measurement and measuring instrument  
Field Theory  
Antenna and Wave propagation  
Telecommunication Switching and Networking  
Satellite communication system  
Wireless communication  
Radar System Engineering  
Optical Communication  
Wireless communication

#### **SOFT skill & Technical Proficiency:**

ANSOFT DESIGNER, IE3D, ANSOFT HFSS