

CURRICULUM VITAE

Subrat Kumar Panda

Present Address:

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Objective

To work in the challenging position with an organization that provides ample opportunities to learn, to contribute and seeking an opportunity to hone my skills by facing the challenges of the industries.

Educational Qualification

Examination	Institute	Board	%/CGPA	Year of passing
PhD (Wireless Sensor Network using Optimization)	National Institute of Technology Nagaland	Autonomous	9.25 CGPA	2025 (expected)
M. Tech (Communication Systems)	College of Engineering Bhubaneswar	BPUT, Odisha	8.39 CGPA	2013
B. Tech (Electronics & Telecommunication Engineering)	Silicon Institute of Technology, Bhubaneswar	BPUT, Odisha	6.90 CGPA	2008
Diploma (Electronics & Telecommunication Engineering)	Uma Charan Patnaik Engineering School, Berhampur (Gm)	SCTE & VT, Odisha	81.6%	2004
10 th Standard	Khuluda Shitala High School, Khuluda	BSE, Odisha	82.6%	1998

Projects Undertaken

I have successfully completed the thesis work on "**A SYSTEMATIC APPROACH TO DESIGN OF SPACE TIME BLOCK CODED MIMO SYSTEM & EVALUATE ITS PERFORMANCE**" at College of Engineering Bhubaneswar, Odisha.

I have successfully completed my project on "**STUDY OF ELECTRICAL PARAMETER OF NATURAL EARTH MATERIAL AT MICROWAVE FREQUENCIES**" at Silicon Institute of Technology, Bhubaneswar, Odisha.

I have successfully completed project on "**SOIL MOISTURE CONTROLLER**" at Uma Charan Patnaik Engineering School, Berhampur (Gm), Odisha.

Software Skills

Operating system : Windows, DOS
Language : C, C++

Technical Skills

Microprocessor & Microcontroller, Radar & Television Engineering, Digital Signal Processing, Analog Electronics Circuits, Digital Electronics Circuits, Wireless Sensor Networks, Basic Electronics Engineering & many more.

Experiences

Worked as a **Lecturer** in the Department of Electronics and Telecommunication Engineering at **Ghanashyam Hemalata Institute of Technology & Management (GHITM), Puri** from **20th of August 2008** to **09th of August 2010**.

Worked as a **Senior Lecturer** in the Department of Electronics and Communication Engineering at **Gandhi Institute for Education & Technology (GIET), Baniatangi, Bhubaneswar** from **10th of August 2010** to **30th of August 2013**.

Worked as an **Assistant Professor** in the Department of Electronics and Communication Engineering at **Gandhi Institute for Education & Technology (GIET), Baniatangi, Bhubaneswar** from **31st of August 2013** to **03rd of July 2014**.

Worked as **Assistant Professor & HOD** in the Department of Electronics & Communication Engineering at **Gandhi Institute for Education & Technology (GIET), Baniatangi, Bhubaneswar** from **04th of July 2014** to **19th of September 2018**.

Worked as **Assistant Professor** in the Department of Electronics & Communication Engineering at **Gandhi Institute For Technology (GIFT), Bhubaneswar** from **20th of September 2018** to **14th of November 2021**.

Currently Working as **Assistant Professor** in the Department of Electronics & Telecommunication at **B.J.B. Autonomous College, Bhubaneswar** under the aegis of **Heritage Vision Education Trust (HVET), Bhubaneswar** from **15th of November 2021** till date.

Paper Publications

Published a SCI paper titled as ***An Improved DV-Hop Localization Algorithm Based on Human Conception Optimization with Time Varying Acceleration Coefficients for Wireless Sensor Network***, in Wireless Personal Communication journal in January 2024 (<https://link.springer.com/article/10.1007/s11277-024-10914-w>).

Published a research paper titled as "*Principle of Coherence Optical Systems-Current Applications and Future Challenges*", in American Journal of Electrical and Electronics Engineering (AJEEE) in 2019 (<http://www.sciepub.com/ajeee/abstract/11004>).

Published a paper titled as "*Dual Axis Solar Tracking System with Weather Sensor*", in Journal of the Maharaja Sayajirao University of Baroda in 2021, ISSN : 0025-0422, Volume-55, No.1(IX) 2021.

Presented and published a conference paper titled as "*Design of a CPW Fed Wideband Patch Antenna for S-Band Applications*" in International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering (ICRIEECE)-2018 held at KIIT University in July 2018.

Presented & published 03 papers titled on *OFDM based Novel Image Transmission and reconstruction using Square root raised cosine filter, Effect of Interleaving and Channel coding on BER performance analysis of image transmission using OFDM & Smart Irrigation monitoring in Rural villages* in the National Conference on Recent Advances in Technology (NCRAT-2021) with ISBN No: 978-93-91286-24-8 held at Gandhi Institute For Technology (GIFT), Bhubaneswar on 29th May 2021.

Professional Membership

I have registered as a life member in International Association of Engineers (IAENG) with membership no 170922.

I have registered as a student member in IEEE Kolkata section since 31.12.2020 with membership no 97521132.

I have registered as a corporate life member [MIE] in the Institution of Engineers (IE), India.

Conferences /Workshops/ Seminars Attended

Participated a National Workshop on Industrial Instrumentation & Control (NWIIC-2012) on 23rd & 24th Mar. 2012 at Silicon Institute of Technology, Bhubaneswar.

Participated a National Seminar in Embedded System & Information Technology (NSESSIT-2012) on 14th & 15th Apr. 2012 at Gandhi Institute for Education & Technology (GIET), Bhubaneswar.

Attended National Seminar in Power Electronics & Energy System (NSPEES-2012) on 29th & 30th September 2012 at Gandhi Institute for Education & Technology (GIET), Bhubaneswar.

Participated a National Seminar as Co-Convener in Communication & Signal Processing (NSCSP-2012) on 13th & 14th October 2012, organized by the Department of Electronics & Communication Engineering at Gandhi Institute for Education & Technology (GIET), Bhubaneswar.

Presented and participated in the National Conference on Recent Advances in Technology (NCRAT-2021) on 29th May 2021 held at Gandhi Institute For Technology (GIFT), Bhubaneswar & many more.

Short-term Course Attended

Attended Faculty Enablement Program by INFOSYS on 27th & 28th Apr 2011 at Gandhi Institute for Technological Advancement (GITA), Bhubaneswar.

Successfully Completed a Short term training Program on Microprocessor & Microcontroller from 02.01.2012 to 06.01.2012 by National Institute of Technical Teachers' Training and Research, Kolkata-700106 & many more.

Achievements

I was the state topper in my diploma engineering.

I have presented a seminar on "Satellite Communication" in state level in Kolkata in 2003.

I got a district level prize in favor of my writings of short poems in Odia literature.

Extra Curricular Activities

I have worked as the Exam. Co-Coordinator, Timetable In-Charge & In-Charge of Proctorial System at GIET, Baniatangi, Bhubaneswar.

I also have worked as the Member in NAAC, NBA preparedness committee, Coordinator in NISP, Member in research core committee, Member in NSDC skill committee etc at GIFT, Bhubaneswar.

Strength

Hard working, Self-confidence, Zeal to learn, Quick learner, Leadership quality, Positive Attitude, Adaptable, supportive, team facilitator & mostly my patience.

Hobbies and Interests

Writing short poems in Odia literature & watching the natural beauties.

Personal Profile

Mother's Name	: Smt. Mandakini Panda
Father's Name	: Late Siddheswar Panda
Date of Birth	: 01 st of June 1983
Gender	: Male
Marital Status	: Married
Nationality	: Indian
Language Proficiency	: English, Hindi, Oriya and Bengali.

Permanent Address : At- Shree Jagannath Bhawan, Deulipanchughanta, PO- Jaleswar,
Dist- Balasore, Pin-756032, Odisha.

Declaration

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

Date: 20th of May 2024

Place: Jayadev Vihar, Bhubaneswar

Subrat Kumar Panda