

CURRICULUM VITAE

Mr. SUKDEB SAHA Assistant Professor HoD, ECE Department Regent Education & Research Foundation Group of Institutions , Barrackpore Address : 200,Saratnagar ,PO- Ichapur, Nawabganj Dist-24 Paraganas(North), .Pin code :- 743144 ,West Bengal Contact numbers: Mobile no :- 9433194378 / 7003935718 Email id: sukdebsaha2010@gmail.com	
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Academic Qualification:

<i>Sl. No.</i>	<i>Name of the Institution</i>	<i>Name of Exam</i>	<i>Board/ University</i>	<i>Year of Passing</i>	<i>Division</i>
1	GLA University	PhD in Electronics and Communication Engineering	GLA University	Pursuing	NA
2	University college of science and technology	M.Tech in Radio Physics & Electronics	University of Calcutta	2012	1 st
3	University college of science and technology	Post-B.Sc B.Tech(Radio Physics & Electronics)	University of Calcutta	2010	1 st
4	Barrackpore Rastragugu Surendranath college	B.Sc(Physics Hons.)	University of Calcutta	2005	2 nd

5	Ichapur Northland High School	Higher Secondary(10+2)	West Bengal Council of Higher Secondary Education	2002	1 st
6	Ichapur Northland High School	Madhyamik (10)	West Bengal Board of Secondary Education	2000	1 st

Professional Experience:

Twelve years of teaching experience as an Assistant Professor in Regent Education & Research Foundation Group of Institutions.

Area of Teaching:

1. Network Theory 2. Analog electronics circuits 3. Digital Electronics
4. Telecommunication system 5. Electronic Measurement and Instrumentation
6. Analog Communication 7. Digital Communication
8. Basic Electronics 9. Neural Network and Fuzzy Logic

Academic Achievement:

➤ **GATE QUALIFIED IN 2010.**

Year: 2010

Registration No: EC 6051206

All India Rank: 19066 **Score:** 0297

Administrative Work Experience:

- **Currently working as Head of the Department** in Electronics and Communication Engineering for last two and half years.
- 6 months experience as an **Assistant HoD** of ECE Department.
- Serves as Head of the Department (ECE Dept.) during 2nd cycle of NAAC visit in 2024.
- Ex-Convener of IIC Cell
- Senior Member of Examination Cell
- Member of Routine Committee
- Member of Anti Ragging Committe

Details of QIP Short term course and FDP as Participant:

- A one week QIP Course on **“Millimeter-wave circuits and Antennas for Short Range Communications”** in June 2017 at **IIT Kharagpur**.
- A one week QIP Course on **“Fundamentals of Digital Image and Video Processing with 3D Applications”** in May 2018 at **IIT Kharagpur**.
- A one week QIP Course on **“Design of Microwave and Millimeter-wave Filters”** in July 2019 at **IIT Kharagpur**.
- A 7 days National Level e-FDP & Expert class on **“New Narrative of NAAC”** organised by **RR Institute of Advance Studies** from 1st August to 7th August 2020.
- A 5 days Online Faculty Development Programme on **“ Data Intelligence and Computation”** conducted by **Center for continuing Education, NIT Warangal** from 22.03.2022 to 26.03.2022.
- A 5 days Online Faculty Development Programme on **“Recent trends in Renewable Energy Sector”** conducted by **REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS, WB** from 13.05.2025 to 17.05.2025.
- A 5 days Online Faculty Development Programme on **“Teaching with Technology: Integrating Characterization Tools in Curriculum”** conducted by **GLA University, Mathura, UP** from 30.05.2025 to 03.06.2025.
- A 5 days Online Faculty Development Programme on **“Role of Electric Vehicles in shaping Modern age society towards sustainable future”** conducted by **AIEM, Mogra, WB** from 29.07.2025 to 02.08.2025.
- A 6 days Online ATAL Faculty Development Programme on **‘Quantum Intelligence: Integrating Quantum Technology with AI and ML’** conducted by **TECHNO MAIN SALT LAKE, WB** from 18.08.2025 to 23.08.2025.
- A 6 days Online ATAL Faculty Development Programme on **‘QUANTUM EDGE INTELLIGENCE’** conducted by **MCKV INSTITUTE OF ENGINEERING, WB** from 08.09.2025 to 13.09.2025.
- A 6 days Online ATAL Faculty Development Programme on **“GREEN HORIZON: Interdisciplinary Approaches to Emerging Renewable Energy Technologies and Climate Sustainability”** conducted by **REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS, WB** from 15.09.2025 to 20.09.2025.

Area of Research:

I have started my PhD work under the Supervision of Dr. Dipankar Biswas in ECE Department, GLA University, Mathura. My PhD enrollment number is 9131250001 and University roll number is 2491310002. I completed my course work in the PhD Programme.

Paper Published:

- ❖ **Sukdeb Saha, Dipankar Biswas, Rittwick Mondal, “Impact of Dy³⁺ doping on the optical, mechanical, and radiation shielding properties of Li₂O-ZnO-Bi₂O₃-P₂O₅ glasses”. Appl. Phys. A 131, 477 (2025). <https://doi.org/10.1007/s00339-025-08529-4>**
- ❖ **Dipankar Biswas, Sukdeb Saha, Swagata Nandy, Arpan Mandal, Ashes Rakshit, Souvik Brahma Hota, Rittwick Mondal, “Comprehensive characterization of xBi₂O₃-(0.45-x) Li₂O-0.35TeO₂-0.20P₂O₅ glasses: Influence of Bi₂O₃ concentration on thermal and dielectric properties”. Physica B 714 (2025) 417493 <https://doi.org/10.1016/j.physb.2025.417493>**
- ❖ **D Biswas, A Rakshit, S Nandy, R Mondal, S Saha, A Mandal, D Roy, “Investigation of Physical and Dielectric Properties of xLi₂O–(0.45-x) Bi₂O₃–0.15 ZnO–0.40 P₂O₅ Glasses with Varying Li₂O Content” International Journal of Maritime Engineering 167 (A3 (S)), 1-11 [https://doi.org/10.5750/ijme.v167iA3\(S\).1686](https://doi.org/10.5750/ijme.v167iA3(S).1686)**
- ❖ **Barman, S., Roy, M., Biswas, S., Saha, S.: Prediction of cancer cell using digital signal processing, Annals of Faculty Engineering Hunedoara. Int. J. Eng., 91–95, Tome IX 1584–2673 (2011)**

Reviewer of 8th CODEC-2023:

I have engaged as a Reviewer of 8th International Conference on Computers and Devices for Communication, CODEC-2023, organized by Radio Physics and Electronics, University of Calcutta.

Final Year Project of M.Tech:

- ***Name of the Project*** - ELECTRICAL MODELING OF AMINO ACIDS USING PSPICE
- ***Name of the Institute*** - University College Of Science & Technology (CU)
- ***Department***- Radio Physics and Electronics

Description-This project is about the electrical modeling of amino acids. Here amino acids are modeled to a RC or RLC equivalent electrical circuit and I am trying to find out the magnitude and phase response of equivalent impedance for each amino acids. The electrical model can be the basis for creating a ‘DNA-chip’ of arbitrarily long genetic sequences using VLSI technology.

- ***Software used*** – Pspice, Mat lab, Microsoft Excel and Origin software.
- ***Guide Name***- Dr. Soma Barman Mandal

Final Year Project of Post B.Sc B.Tech:

- **Name of the Project** - GENOMIC SIGNAL PROCESSING
- **Name of the Institute** - University College Of Science & Technology (CU)
- **Department**- Radio Physics and Electronics
- **Description**- This project is about Genomic signal processing. Genomic signal processing is the application of digital signal processing in gene identification. Through this project I am trying to find out some hidden characteristic of Gene and to identify the exact location of Exons and Introns in a Nucleotide sequence with the help of DSP.
- **Software used** - Mat lab, C programming and Origin software.
- **Guide Name**- Dr. Soma Barman Mandal

Other Personal Information:

- **Date of birth** : 29/04/1984
- **Nationality** : INDIAN
- **Sex** : Male
- **Material Status** : Married
- **Languages Known** : English , Bengali , Hindi
- **Hobbies** : Reading books, Listening music and watching cricket matches.

Declaration:

I do hereby declare that, the above mentioned information is true to the best of my knowledge and belief.

Sukdeb Saha

Place: Ichapur
Date: 25.09.2025

(Signature)