CURRICULUM VITAE

SOUNAK BANERJEE

Contact No. – 6290190729

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Career Objective:

To develop a challenging position in a research based career with an organization that offers Sustainable Professional Growth with opportunities to leverage my knowledge and skills to add greater value to the organization.

Personality:

A person with ambition, analytical skills and the ability to take on responsibilities.

Skills Set:

Successfully undertook various team projects in both academic and non-academic environments.

Stream of Interest:

Instrumentation & Control Engineering, Electronics & Communication Engineering.

Subjects of Interest:

Sensor designing, electronic & electrical measurements, electrochemical sensors, signal processing, network analysis, analog electronics, digital electronics, control systems and biomedical engineering.

Academic Details:

Degree/ Courses	Board/Institution	Year of Passing	Percentage of Marks
M.Tech. in **Instrumentation & Control Engineering**	University of Calcutta (Rajabazar Science College)	2018	69.4
B.Tech. in **Instrumentation Engineering**	University of Calcutta (Rajabazar Science College)	2016	65.7
B.Sc. in **Physics Honours**	University of Calcutta	2013	55.5
Higher Secondary	W.B.C.H.S.E.	2010	68.2
Secondary	W.B.B.S.E.	2008	73.9

Gate Score:

GATE 2022(IN) - Marks-60.67; Score-585; Rank-479

UGC-NET:

Qualified **UGC-NET** in **Electronics Science** for Assistant Professor.

Trainings Undertaken:

NAME OF INSTITUTE / ORGANIZATION	PROJECT TITLE
Ambuja Cement Limited	Cement processing, weigh feeder and automatic packing system

Project Details:

B.Tech Final Year Project

Titled "Simultaneous acquisition of PPG and ECG signals and their analysis" under the guidance of Dr. Madhuchhanda Mitra, Department of Applied Physics, University of Calcutta.

M.Tech Final Year Project

Titled "Emotion detection using EEG signal and their analysis" under the guidance of Dr. Madhuchhanda Mitra, Department of Applied Physics, University of Calcutta.

Publications:

S. Banerjee, H. Naskar, B. Ghatak, S. Nag, D. Das, R. B. Roy, N. Das, B. Tudu and R. Bandyopadhyay, "Sensitive Electrochemical Detection of Carvacrol using Carbon Paste Electrode", accepted in **IEEE ICEFEET Conference 2022**.

Computer Proficiency:

- **Software tools:** MS Word, MS Excel, MATLAB.
- **Languages:** C, FORTRAN.

Achievements:

- Swami Vivekananda merit cum means scholarship for B. Tech (2013-16) & M. Tech (2016-18) (Govt. of West Bengal)
- TEQIP scholarship in 2016 for M.Tech.

Personal Information	
Date of Birth	10/06/1992
Father's Name	Swapan Banerjee
Mother's Name	Anita Banerjee
Address	44 Barasat Road, Jaffarpore More, Nonachandanpukur, Barrackpore, Kolkata- 700122
Nationality	Indian
Sex	Male

Declaration:

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

Place:Kolkata
Dated: 29/06/2022

Sounak Banerjee

Sounak Banerjee
(Name of the Applicant)