

CV of Gargi Kar Purkayastha

Name: Gargi Kar Purkayastha

Designation: Assistant Professor

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Sex: Female

Date of Birth: 26/09/1985

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Specialization
1	HSLC/10 th Std.	2002	Science, Mathematics, Social sciences, English
2	HSSLC/10+2 Std.	2004	Science
3	B.E	2008	Electronics & Telecommunication
4	M.Tech	2012	Electronics and Communication Technology
5	Ph. D. (Please Specify)	Pursuing	Nanotechnology

Languages known:

(Read, Write & Speak)

English, Hindi, Bengali, Assamese

Academic/ Administrative Experience: 18 years of Academic experience

Roles and Responsibilities:

- **Convener of Institution Innovation Council (IIC), GCU**
- **Member of Criteria Extended Curriculum, NAAC, GCU**
- **ERP Coordinator and Semestor Mentor(3rd sem), ECE Department, GCU**
- **Coordinator of Quiz and Debate Club, GCU**
- **Member of Training and Grooming Cell, GCU**

- Acted as Coordinator at **Smart India Hackathon organized by MHRD.**
- **Coordinator of the Quiz and Debate Club, GCU**

- **DAB member, PAC member, Module and course coordinator during NBA Visit.**
- **University Question Paper Setter, Examiner, Scrutiniser, Moderator.**
- **University Examination duties, Invigilator.**

List of Publications:

Sl. No.	Title with Page Nos.	Journal/Conference	ISSN/ISBN No.	Whether peer reviewed, Impact Factor if any	No. of Co-author	Whether you are the main author	Whether listed by UGC, if yes, serial no.
1	Maximal Ratio Combining using ANN- Assisted Equalisation in Wireless Channels, pp. 37-40.	2 nd IEEE National Conference on Computational Intelligence and Signal Processing (CISP-2012), Guwahati, India, March, 2012			Prof Kandarpa Kumar Sarma	Yes	Yes

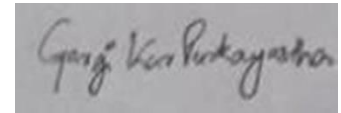
2	Maximal Ratio Combining using Coding and ANN-Assisted Equalisation in Wireless Channels, pp. 1-5.	57 th Annual Technical Session Assam Science Society, Guwahati, India, March, 2012.			Prof Kandarpa Kumar Sarma	YES	YES
3	Maximal Ratio Combining using Self Organizing Map in Wireless Channels, Volume 48, No.4, pp. 32-37, June, 2012	International Journal of Computer Applications(0975 – 8887), June 2012.	ISSN: 0975 - 8887	YES IF 2021: 0.835	Prof Kandarpa Kumar Sarma	YES	YES
4	Performance Analysis of Coherent and Non-Coherent Modulation Schemes in Faded Wireless Channels using ANN-assisted MRC, Volume 160-No.5, February 2017	International Journal of Computer Applications(0975 – 8887), February 2017	ISSN: 0975 - 8887	YES IF 2021: 0.835		YES	YES
5	AI Enabled Smart GPS Tracker	Research Conclave 2024-GCU Assam			Priyompa Lly Saikia		
6	DEEP Learning Based Cattle and Buffalo breed recognition: An Integration of Technology with Indian Knowledge Systems	International Conference, GCU 2026			Javed Hasan		

FDP/Workshop attended:

- **STC- QIP on Digital Communication Techniques** conducted by **IIT-Guwahati**.
- **STTP on MATLAB and SIMULINK, ELECTROMAGNETIC WAVE AND ITS APPLICATIONS, EFFECTIVE TEACHING (ICT) FOR TECHNICAL TEACHERS** conducted by **NITTTR, Guwahati**.
- **NPTEL Workshop** conducted by **IIT- Guwahati**.
- FDP on “ **Power Electronics and Drive Systems**” under TEQIP-III
- National Symposium on “ **Biomedical Engineering**” under TEQIP-III
- Webinar on “ **Strategies for Mental and Physical Health Protection During and Aftermath Pandemic: #COVID19**” under TEQIP-III
- Webinar on “ **Swachta Action Plan**” organised by MGNCRE, GOI
- FDP on “**Inculcating Universal Human Values in Technical Education**” organised by AICTE

- ATAL FDP on “**Miniaturisation for Electronic Devices and Circuits**”.
- FDP on “**AI and ML for Pattern and Voice Recognition**” organised by AICTE
- FDP on “**MOODLE**” organised by GIMT, Guwahati
- FDP on “**Innovation and Entrepreneurship**” organised by Ministry of Education in collaboration with ADTU .
- FDP on “**Research Trends in Optical Technologies and its Applications (RTOTA-2023)**” organized by VIT Chennai
- Refresher course on “**Soft Skills**” organised by NPTEL SWAYAM
- FDP on “**PCB Design and Fabrication**” by AICTE IDEA Lab
- FDP on **Universal Human Values**” by AICTE
- FDP on “**NEP 2020 Orientation and Sensitization Programme**” by MMTTP, UGC
- FDP on “**3D Printing**” by AICTE IDEA Lab

Membership of Professional bodies: ISTE (Life Member)



Date: 13/05/2026

(Gargi Kar Purkayastha)