

# Sanghamitra Debroy Bhattacharjee

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## Objective

To seek a challenging opportunity in research that could provide impetus to my growing career along with value addition in me and my research career.

## Educational Qualifications

### Pursuing PhD (Microelectronics and VLSI) – Dec 2013 till date

Program: **M. Tech**  
University: **National Institute of Technology, Durgapur, West Bengal**  
Specialization: **Non-Linear Dynamics (Chaos based fast secure communication)**  
Batch: **2010-2012**

Semester	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
SGPA*	9.48	9.48	10	10
DGPA*	<b>9.74 (1<sup>st</sup> Position)</b>			

Program: **B. Tech**  
University: **West Bengal University of Technology.**  
Branch: **Electronics and Instrumentation Engineering**  
Batch: **2005-2009**

Semester	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>
SGPA*	7.27	7.35	8.39	8.13	8.21	8.27	8.62	8.80
DGPA*	<b>8.21</b>							

\*(Semester Grade Point Average)

\*(Degree Grade Point Average)

Program: **Higher Secondary** (W.B.H.S.E), Year of Passing: **2004**

Program: **Secondary** (I.C.S.E), Year of Passing: **2002**

## Academic Achievements

Qualified in **GATE -2010 (Instrumentation)** with

**Percentile:** 95.21

**All India rank:** 693

- A DST/MHRD Sponsored Inspire fellow.

- Gold medalist in M.Tech from NIT Durgapur, West Bengal.
- Secured 1st position in technical paper presentation category at AAROHAN 2012- NIT Durgapur (National Level Tech-Fest).
- Got 5th prize for Laser- A Revolution In Neurosurgery“ from RRCAT, Indore, Dept of Atomic Energy
- Paper selected in NDS 2011 on Generation of chaotic signal using logistic map. (Non Linear Dynamics 2011)
- Attended conference at MDCCT, Burdwan. (National Conference On Materials Devices And Circuits In Communication Technology)
- Paper on synchronization of Chaos selected at CHAOS 2012, Athens.
- Presented papers on “LASER- A Panacea In Neurosurgery” &
- “Emotional Intelligence” at AAROHAN2K7- NIT, Durgapur..

### Experience / Training

- **Asst. Prof. in St. Peter's Engineering College, Hyderabad** (from 16<sup>th</sup> August, 2012 till date).
- **Lecturer at NHIT, Durgapur , WBUT** (from June 2009 to February 2010)
- Two Weeks Vocational Training in Durgapur Steel Plant.
- Two weeks project work at IICB, Jadavpur University on Synchronisation of Different Chaotic system and its application in fast secure Communication

### Academic Project

- Synchronisation of Logistic Map using Linear control method for Fast Secure Communication.
- Air Flow detection by Non conventional Method, at Dr. B.C.Roy Engg. College, Durgapur (Electronics & Instrumentation Engg. Department)
- Teaching the underprivileged under *KARTAVYA* (NGO).

### Subjects of Interest

- Digital Electronics
- Analog Electronics
- Industrial Instrumentation
- Nano Technology.
- Laser

### Professional Interest

- Electronic devices and circuits.
- Secure communication system.
- Hardware circuit designing.

### Extra Curricular

- Playing Guitar & Listening to songs.

### Personal Information

**Date of Birth:** 15th September 1986

**Marital Status:** Married

**Dated:** 2<sup>nd</sup> June, 2014.

**Nationality:** Indian

**Husband:** Indranil Bhattacharjee

**Signature:**

(SANGHAMITRA BHATTACHARJEE)