

Sudipta Chakraborty

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Educational Qualification:

Degree	Year	Board/University	Institute	Marks(%)
M.Tech (Control Systems(EE))	2002	Jadavpur University	Jadavpur University	76.7
B.Tech (EE)	1995	NIT, Durgapur	NIT, Durgapur	67.2

Work Experience:

Type of Job	Organization	Designation	Duration
Academic	Orissa Engineering College, Bhubaneswar	Lecturer	Four Years and one month
	B.P.Poddar Institute of Management & Technology, Kolkata	Lecturer	Three Years and one month
	B.P.Poddar Institute of Management & Technology, Kolkata	Assistant Professor	Five Years and seven months

Sponsored projects: Principal Investigator of an ongoing Research Project titled “*Mathematical Modelling for the prevention of crack propagation in composites*” sponsored by DST, West Bengal, India.

Research Interests: Estimation, Kalman Filtering, Non-Linear Dynamics

Teaching Interest: Control Systems (Linear, Advanced, Digital), Circuits and Systems, Computer Communication

Invited Talk: Delivered lectures on “*Mathematical Modelling for the prevention of crack propagation in composite material*” and interacted with the Scientific Team at **Vestas R&D Technology Singapore, Pvt LTD** during **13-25 June, 2008** and **16-30 June, 2010**.

List of Publications:

Journal: Published a paper titled “*Symmetric Edge Cracks in an Orthotropic Strip Under Normal Point Loading*” (S.das, S.Chakraborty, N.Srikanth, M.Gupta) in the International Journal of Fracture, Springer 2008(vol 153, pp 77-84).

Conference :

1. Paper titled “*Interfacial Griffith Cracks between bonded dissimilar media*” presented at **ICIAM’07** held at **ETH Zurich, Switzerland** during **16th -20th July 2007**.
2. Paper titled “*Solution of Non-Linear Vibration equation using homotopy analysis method*” presented at **ICCSA 2009** held at **The University of Le Havre, Normandy, France** during **29th June-2nd July, ’09**.
3. Paper titled “*A critical study on using multithreading for transfer alignment of Precision Guided Daughter Vehicles*” in the National Conference on Modeling & Simulation (**NCMS 2009**) held at **DIAT (DU), Pune** during **Dec, 2009**.
4. Paper titled “*An Algorithm for tackling post-ejection scenario of air-borne vehicles*” in **34th National Systems Conference (NSC-2010)** held at **NIT, Surathkal, Pune** during **10-12 Dec, 2010**.

Seminar Conference Attended / Organized

1. Participated in the programme “**Induction Training for Teachers**” sponsored by **ISTE & CIICP New Delhi** from **22nd to 24th January 1999**, held at Cuttack.
2. Participated in the one-day workshop on **Power Sector Restructuring** held at the EE Department, JU (IEE, Calcutta Students’ Chapter) on **10th April’04**.
3. Participated at a Two-Week Program on “**Matlab Oriented System Modelling**” at **Birla Institute of Technology, Meshra** held between **6th-18th Dec 2004**.
4. Worked as a member of Technical Committee for a Two-Day Workshop on “**VLSI & NanoTechnology**” held at **B.P.Poddar Institute of Management & Technology, Kolkata** on **7th & 8th May, 2005**
5. Worked as a member of Technical Committee in the Conference “**Recent trends in Emerging Technology**” held at **B.P.Poddar Institute of Management & Technology, Kolkata** on **25th February 2006**.
6. Convened a Conference at **B.P.Poddar Institute of Management & Technology, Kolkata** on “**Emerging Trends in Electrical Technology**” in collaboration with **IEEE, Kolkata Chapter** held on **02.09.06**.
7. Convened and participated in a Ten-Day Summer School on “**Mathematical Modelling and its Engineering Applications**” in association with The Department of Science & Technology, West Bengal conducted between **28.04.07 to 09.05.07**.
8. Attended **ICIAM’07** held at **ETH Zurich, Switzerland** during **16th -20th July 2007**.
9. Participated in a Two week Winter School on “**Integrated Operation of Large Scale Modern Power Systems**” organised by **NIT, Durgapur** and sponsored by **MHRD/AICTE**, conducted during **12-24 January, 2009**.
10. Attended **ICCSA 2009** held at **The University of Le Havre, Normandy, France** during **29th June-2nd July, ’09**