

## Mr. Surajit Mandal

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Educational Qualification:

<i>Degree</i>	<i>Year</i>	<i>Board/University</i>	<i>Institute</i>	<i>Marks(%)</i>
Ph.D (Optoelectronics)	Thesis to be submitted shortly	Calcutta University	University College of Technology	NA
M.Tech (Optoelectronics)	2004	Calcutta University	University College of Technology	77
B.Tech (Optoelectronics)	2002	Calcutta University	University College of Technology	70
B.Sc. (Physics Hons.)	1999	Calcutta University	Krishnath College, Berhampore	62

Academic Achievements: Received a Certificate of Merit in recognition of the high position in the list of meritorious candidates in Higher Secondary Examination (10+2 Examination)

Work Experience:

<i>Type of Job</i>	<i>Organization</i>	<i>Designation</i>	<i>Duration</i>
Academic	B P Poddar Institute of Management & Technology	Assistant Professor	June 2009-Present
		Lecturer	May 2009-June 2009
	Murshidabad College of Engineering & Technology	Senior Lecturer	November 2007-May 2009
		Lecturer	August 2005-October 2007
IMPS College of Engineering & Technology	Lecturer	March 2005-August 2005	
Calcutta University	Research Scholar	November 2004-March 2005	

Professional Awards/Recognition/Sponsored projects: Member, SPIE

Research Interests:

Evaluation of Imaging Performance of Birefringent Lenses

Teaching Interest:

Microwave Engineering, Optoelectronics, Optical Fiber Communication, EM Theory and Radiating Systems, Analog & Digital Communication, Analog Electronic Circuits, Digital Electronics & Logic Design, Circuit Theory & Networks, Solid State Devices, Basic Electronics

Invited Talk:

A series of Lectures on Analog & Digital Communication for the B. Tech-M. Tech. students of Department of Applied Optics & Photonics at Calcutta University during November 2009 and December 2010.

List of Publications:

**Books**

Currently working on manuscripts of a book on Information Theory & Cryptography

**Journal**

**International** 3

**Conference**

**International** 3

**National** 1

Seminar Conference Attended / Organized

1. Participated in Short Term Course on “Optical Networks” conducted by G. S. Sanyal School of Telecommunications, I.I.T., Kharagpur during 22<sup>nd</sup> – 27<sup>th</sup> May, 2006.
2. Successfully completed the MHRD/AICTE Winter School on “Optoelectronics: Materials and Devices” conducted by I.I.T., Kharagpur during 29<sup>th</sup> – 3<sup>rd</sup> January, 2009.
3. Organized One-Day Seminar on 29<sup>th</sup> October 2010 as a part of SPIE Student Chapter where Prof. Vijaya Ramarao, Department of Physics, IIT Bombay delivered a talk on “Optical Fiber and its Present Relevance in Communication”.
4. Co-organized One-Day Colloquium on 13<sup>th</sup> November 2010 where Dr. Sanatan Chattopadhyay, Department of Electronic Science, Calcutta University and Dr. Amlan Chakraborti, Department of A K C School of Information Technology, Calcutta University delivered talks on “Strained Si-SiGe System for Low Power High Speed CMOS Applications” and “FPGA Based Real-Time Embedded System Design” respectively.