

Dr. Surajit Mandal, Member SPIE, Life Member OSI

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Educational Qualification:

<i>Degree</i>	<i>Year</i>	<i>Board/University</i>	<i>Institute</i>	<i>Marks(%)</i>
Ph. D. (Tech.)	2015	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 for 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	Associate Professor	February 2016-Present
		Assistant Professor	June 2009-January 2015
		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:

1. Received 'National Teaching Excellence Award 2016' from International Benevolent Research Foundation on October 5, 2016
2. Reviewer of the international journals 'Optics Express', 'Optics Letters' and 'Applied Optics' (Optical Society of America), 'African Journal of Physics' (International Scholars Journals) and 'Journal of Engineering and Technology Research' (Academic Journals).
3. One paper was adjudged as one of the five best poster papers in the XXX National Symposium on Optics and Optoelectronics (SOOP-05), held in NPL, New Delhi, India during January 19-21, 2005 organized by Optical Society of India.

Research Interests: Signal and Image Processing, Signal Security

Teaching Interest: Information Theory & Coding, Microwave Engineering, Optoelectronics, Optical Fiber Communication, EM Theory & Transmission Lines, Analog & Digital Communication, Analog Electronic Circuits, Circuit Theory & Networks, Solid State Devices.

Invited Talk:

1. Delivered eight (8) invited talks/lectures in different seminars/faculty development programmes.
2. Delivered a series of lectures on Analog & Digital Communication, Engineering Mathematics and Mathematical Techniques for Astrophysics for the B. Tech and M. Tech. students of Department of Applied Optics & Photonics at Calcutta University during November 2009 and June 2017.

List of Publications:

Book "Information Theory, Coding and Cryptography, 1/e", Pearson Education, 2013, ISBN: 9788131797495.

Book Chapter "Applications of a Birefringent Lens in Infrared Region," *Innovation in Technologies: Challenges of Basic Research*, Narosa, pp. 115-123, Jan 2015, ISBN: 978-81-8487-441-9.

Journal International 9
Conference International 5
National 10

Seminar Conference Attended / Organized:

1. Organized seven (7) seminars/conferences.
2. Attended eleven (11) faculty development programs/seminars.