

**Books/ Book chapters published by faculty members (Since 2003)**

<b>Sl. No.</b>	<b>Name of Book /Book chapter</b>	<b>Authors' Name</b>	<b>Name of Publisher</b>
1	An Introduction to Electronic Devices ISBN: 81-901900-7-5	Samarjit Sengupta Asok Kumar Mukhopadhyay	S. Ratan & Co. Kolkata Feb, 2004
2	Programmable Logic Controllers and Industrial Automation: An Introduction ISBN: 81-87972-17-3	Madhuchhanda Mitra Samarjit Sengupta	Penram International Publishing (India) Pvt. Ltd. 2005
3	Programmable Logic Controllers and Industrial Automation: An Introduction International Edition ISBN: 81-87972-21-1	Madhuchhanda Mitra Samarjit Sengupta	Penram International Publishing (India) Pvt. Ltd. 2006
4	Understanding 8085 Microprocessor and Peripheral ICs through Problems and Solutions	S. K. Sen	New Age Publishing April 2006
5	Triangular Orthogonal functions for the Analysis of Continuous Time Systems	Anish Deb, Gautam Sarkar, Anindita Sengupta	Anthem Press, London, UK 2011
6	A course in Vector and Matrix Analysis for Engineers and Physicists ISBN: 978-93-80578-02-6	Asok Kumar Mukhopadhyay Samarjit Sengupta	I. K. International Publishing house (P) Ltd. 2010
7	Basic Electrical Engineering ISBN: 978-81-8487-046-6	Surajit Chattopadhyay Samarjit Sengupta	Narosa Publishing House 2010
8	Basic Electrical Engineering	Surajit Chattopadhyay	Alpha Science

	ISBN: 978-1-84265-606-8	Samarjit Sengupta	International Ltd. Oxford, UK 2010
9	Fundamentals of Physics with Applications ISBN-13:978-0-07-070039-0 ISBN-10:-0-07-070039-7	Arther Beiser Samarjit Sengupta [SIE]	Tata Mc Graw Hill Education (P) Ltd. 2011
10	Electric Power Quality ISBN: 978-94-007-0634-7 e-ISBN: 978-94-007-0635-4	Surajit Chattopadhyay Madhuchhanda Mitra Samarjit Sengupta	Springer.com  2011
11	Time plane Feature Extraction of ECG Wave and abnormality Detection ISBN No. : 3-8473-3977-X	S. Majumder, Saurabh Pal M. Mitra	Lap Lambert Academic Publishing Co. 2012
12	ECG acquisition and automated remote processing ISBN No. Print: 978-81-322-1556-1; Electronic: 978-81-322-1557-8)	Rajarshi Gupta, Madhuchhanda Mitra, Jitendranath Bera	Springer India  2013
13	Fieldbus and Networking in Process Automation ISBN No.: 9781466586765	Sunit K Sen	CRC Press, Taylor & Francis Group 2014
14	Power Electronic Systems: Walsh Analysis with MATLAB ISBN-10: 1482215969   ISBN-13: 978-1482215960	Anish Deb S. Ghosh	CRC Press, Taylor & Francis Group 2014
15	Electricity Pricing: Regulated, Deregulated and Smart Grid Systems	Sawan Sen, Samarjit Sengupta, Abhijit Chakrabarti	CRC Press, Taylor & Francis Group 2014
16	Induction Motor Fault Diagnosis Approach through Current Signature Analysis	Subrata Karmakar, Surajit Chattopadhyay, Madhuchhanda Mitra, Samarjit Sengupta,	Springer 2016

17	Book Chapter "Telecardiology" at "Telemedicine and Electronic Medicine" Volume in the "E-medicine, M-Health, Telehealth Handbook": Eds. Halit Eren, John G. Webster, ISBN: 978-1-4822-3658-3, 2015	Rajarshi Gupta	CRC Press, USA. Taylor & Francis Group
18	Book Chapter "Biomedical Sensors and their interfacing", with "Advanced Interfacing Techniques for Sensors", Eds: Bobby George, Joyanta Kumar Roy, Subhas Mukhopadhyay, Jagadeesh Kumar. ISBN: 978-3-319-55368-9.	Rajarshi Gupta	Springer International 2017
19	"A Comparison among Multi-agent Stochastic Optimization Algorithms for State Feedback Regulator Design of a Twin Rotor MIMO System", with "Handbook of Research on Natural Computing for Optimization Problems" (2 Volumes), Ed.- J. K. Mandal.	Kaushik Das Sharma	IGI Global, 2016.
20	Health Monitoring Systems: An Enabling Technology for Patient Care; ISBN: 978-1-4987-7582-3, Publisher: CRC Press USA, 2019	Rajarshi Gupta, Dwaipayan Biswas (Eds.)	CRC Press USA
21	Book Chapter "Biomedical Sensors and Data Acquisition", in Health Monitoring Systems: An Enabling Technology for Patient Care, Editors: Rajarshi Gupta, Dwaipayan Biswas, (CRC Press USA) ISBN: 9781498775823	Rajarshi Gupta	CRC Press USA
22	Book Chapter (Co-author) "Data Compression in Health Monitoring", in Health Monitoring Systems: An Enabling Technology for Patient Care, Editors: Rajarshi Gupta, Dwaipayan Biswas, (CRC Press USA) ISBN: 9781498775823	Sourav Kumar Mukhopadhyay, Rajarshi Gupta	CRC Press USA
23	Book Chapter "Blood Pressure Monitoring", in Health Monitoring Systems: An Enabling Technology for Patient Care, Editors: Rajarshi Gupta, Dwaipayan Biswas, (CRC Press USA) ISBN: 9781498775823	Rajarshi Gupta	CRC Press USA