

Dr. B. C. Roy Engineering College, Durgapur

Electrical Engineering

Books/Book chapters/National/International Conference Proceedings

AY 2021-22

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during year

Serial No	Name of the Teacher	Title of the Book/Chapters Published	Title of the Paper	Title of the proceedings of the Conference	Name of the Conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. Soma Biswas		Study of Harmonics Contribution by Various Types of Loads in a Low Voltage Distribution System and Reduction of Harmonics	Proceedings of the 2021 International Conference in Advances in Power, Signal, and Information Technology	2021 International Conference in Advances in Power, Signal, and Information Technology (APSIT-2021)	International	44470	978-1-6654-2506-3	Dr. B. C. Roy Engineering College, Durgapur	IEEE
2	Sumit Banerjee		Modelling and Performance Evaluation of MPPT Based Solar PV System Under Dynamic Weather Condition in MATLAB/Simulink Environment	Proceedings of the International Conference for Advancement in Technology (ICONAT), Goa , India	International Conference for Advancement in Technology (ICONAT), Goa , India	International	21-22 Jan. 2022	978-1-6654-2578-0	Dr. B. C. Roy Engineering College, Durgapur	IEEE
3	Snehashis Ghoshal		Modelling and Performance Evaluation of MPPT Based Solar PV System Under Dynamic Weather Condition in MATLAB/Simulink Environment	Proceedings of the International Conference for Advancement in Technology (ICONAT), Goa , India	International Conference for Advancement in Technology (ICONAT), Goa , India	International	21-22 Jan. 2022	978-1-6654-2578-0	Dr. B. C. Roy Engineering College, Durgapur	IEEE
4	Sanjoy Kumar Saha		Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer	Proceedings of the Global Conference for Advancement in Technology (GCAT)	Global Conference for Advancement in Technology (GCAT)	International Conference	1-3 Oct. 2021	978-0-7381-3215-0	Dr. B. C. Roy Engineering College, Durgapur	
5	Soumen Biswas		Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer	Proceedings of the Global Conference for Advancement in Technology (GCAT)	Global Conference for Advancement in Technology (GCAT)	International Conference	1-3 Oct. 2021	978-0-7381-3215-0	Dr. B. C. Roy Engineering College, Durgapur	
6	Chaity Sarkar		Improvement In ECG R-Peak Detection Compared To Conventional Methods Using LSTM	INDICON	Indicon	International Conference	2021	978-1-6654-4175-9/21/\$31.00 ©2021	Dr. B. C. Roy Engineering College, Durgapur	IEEE
7	Kingsuk Majumdar		PI Controlled Synchronization Converter using SHO in Grid-Interactive Three-Phase Solar PV System	Proceedings of Power Electronics, Smart Grid, and Renewable Energy (PESGRE)	Power Electronics, Smart Grid, and Renewable Energy (PESGRE2022)	International Conference	2-5 Jan, 2022	978-1-6654-4837-6	Dr. B. C. Roy Engineering College, Durgapur	IEEE
8	Sunil Kumar Choudhary		Optimum Power flow Scheduling with valve point effect using barnacles Mating optimization	ICCDC 2021	Proceedings of the 3rd International Conference on Communication, Devices and Computing	International Conference	44610	978-981-16-9154-6	Dr. B. C. Roy Engineering College, Durgapur	Springer
9	Kamalika Tiwari		Optimum Power flow Scheduling with valve point effect using barnacles Mating optimization	ICCDC 2021	Proceedings of the 3rd International Conference on Communication, Devices and Computing	International Conference	44610	978-981-16-9154-6	Dr. B. C. Roy Engineering College, Durgapur	Springer
10	Kamalika Tiwari		Genetic Algorithm based adaptive PID Tuning of Time Delay Process	ISAI 2022	Innovations in Sustainable Energy and Technology	International Conference	February 17-19, 2022	SBN : 978-981-16-1118-4	Dr. B. C. Roy Engineering College, Durgapur	Springer
11	Dr. Sumit Banerjee	Sustainable Energy and Technological Advancements, Springer, Singapore.	Planning of Power Loss and Fuel Cost Minimization by deployment of DERs using evolutionary algorithm			International	2021	ISBN: 978-981-16-9038-4	Dr. B. C. Roy Engineering College, Durgapur	Springer, Singapore.

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12	Sumit Banerjee	Sustainable Energy and Technological Advancements, Springer, Singapore.	Modelling And Performance Evaluation Of MPPT Based PMSG Wind Energy Conversion System With Boost Converter In Matlab/Simulink Environment			International	2021	ISBN: 978-981-16-9033-4	Dr. B. C. Roy Engineering College, Durgapur	Springer, Singapore.	
13	Snehashis Ghoshal	Sustainable Energy and Technological Advancements, Springer, Singapore.	Modelling And Performance Evaluation Of MPPT Based PMSG Wind Energy Conversion System With Boost Converter In Matlab/Simulink Environment			International	2021	ISBN: 978-981-16-9033-4	Dr. B. C. Roy Engineering College, Durgapur	Springer, Singapore.	
14	Sumit Banerjee,		Modeling and Performance Analysis of a SOFC in Small Scale Stand Alone DC System	Proceedings of the "2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS 2022)"	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS 2022)	International	25-27 May 2022	978-1-6654-1036-6	Dr. B. C. Roy Engineering College, Durgapur	IEEE	
15	Snehashis Ghoshal		Modeling and Performance Analysis of a SOFC in Small Scale Stand Alone DC System	Proceedings of the "2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS 2022)"	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS 2022)	International	25-27 May 2022	978-1-6654-1036-6	Dr. B. C. Roy Engineering College, Durgapur	IEEE	
16	Bijoy Laxmi Koley		Periodic variation of ECG, EEG and Respiration signals in Different physiological states of sleep apnea subjects	International Conference on Advanced Communication Control & Computing Technology (ICACCCCT-2022)	International Conference on Advanced Communication Control & Computing Technology (ICACCCCT-2022)	International Conference	28 to 30th June, 2022	978-93-5577-068-4	Dr. B. C. Roy Engineering College, Durgapur	IEEE	
17	Sumit Banerjee		Performance Analysis of PV-Fuel Cell Hybrid System in Small Scale DC System	Proceedings of the "2022 Second International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT 2022)"	2022 Second International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT 2022)	International	21-22 April 2022	978-1-6654-1121-9	Dr. B. C. Roy Engineering College, Durgapur	IEEE	
18	Snehashis Ghoshal		Performance Analysis of PV-Fuel Cell Hybrid System in Small Scale DC System	Proceedings of the "2022 Second International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT 2022)"	2022 Second International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT 2022)	International	21-22 April 2022	978-1-6654-1121-9	Dr. B. C. Roy Engineering College, Durgapur	IEEE	
19	Soham Dey	Computational Intelligence in Machine Learning	Implementation of Optimized PID Controllers in Real Time for Magnetic Levitation System			International		44562	978-981-16-8483-8	Dr. B. C. Roy Engineering College, Durgapur	Springer
20	Soham Dey		Design and Performance Analysis of Optimized Fractional Order PID Controller for Magnetic Levitation System	Proceedings of the 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies	2021 IEEE International Conference on Computing, Power and Communication Technologies (GUCCON 2021)	International Conference		44440	978-1-7281-9951-1	Dr. B. C. Roy Engineering College, Durgapur	IEEE
21	Snehashis Ghoshal		Modelling and Performance Evaluation of MPPT Based Solar PV System in MATLAB/Simulink Environment	Proceedings of the International Conference for Convergence in Technology (I2CT), Pune, India.	International Conference for Convergence in Technology (I2CT), Pune, India.	International	7-9 April 2022	978-1-6654-2169-0	Dr. B. C. Roy Engineering College, Durgapur	IEEE	
22	Snehashis Ghoshal		Modelling and Performance Evaluation of MPPT Based Solar PV System in MATLAB/Simulink Environment	Proceedings of the International Conference for Convergence in Technology (I2CT), Pune, India.	International Conference for Convergence in Technology (I2CT), Pune, India.	International	7-9 April 2022	978-1-6654-2169-0	Dr. B. C. Roy Engineering College, Durgapur	IEEE	