



JIS COLLEGE OF ENGINEERING

(An Autonomous Institute)

Affiliated to MAKAUT, WB & Approved by AICTE, New Delhi
Block A, Phase III, Kalyani, Nadia-741235



Department of Electrical Engineering

Publication Summary of the Department

Academic Year	Total no of Publications					No. of Indexed Publications		
	Journal	Conference	Book Chapter	Patent	No of Citations	SCI/SCIE/ESCI	Scopus	Total
CAY (2023-24)	6	12	1	7	22	4	5	9
CAYm1 (2022-23)	18	16	4	4	25	4	7	11
CAYm2 (2021-22)	20	6	4	3	75	1	4	5

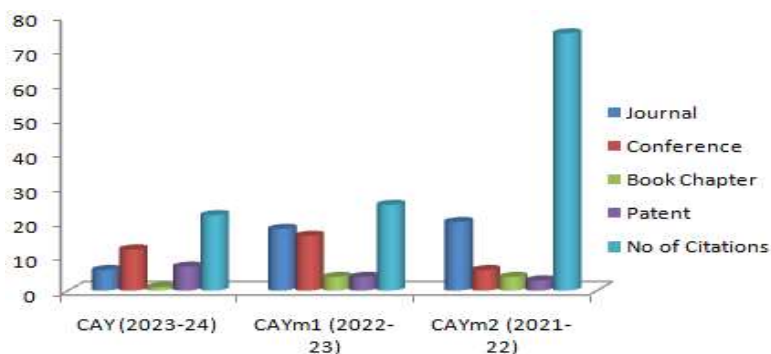


Fig 1. Publication Summary of the Department

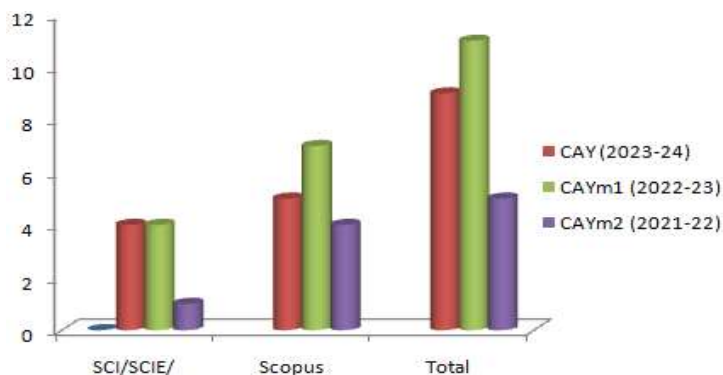


Fig 2. Indexed (SCI/SCIE/Scopus) Publication



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Department of Electrical Engineering

Faculty wise Journal/ Conference/ Book Chapter publication

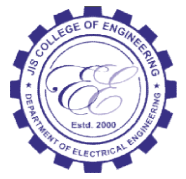
Name of the Faculty	CAY (2023-24)			CAYm1 (2022-23)			CAYm2 (2021-22)		
	Journal	Conference	Book Chapter	Journal	Conference	Book Chapter	Journal	Conference	Book Chapter
Dr. Papun Biswas				1	4	1	1	3	
Mrs. Suparna Pal		1		1	7		4		
Mr. Sudip Das	2	1		3	3		3	3	
Mr. Basudeb Dey	1			2	2		2	1	
Mr. Partha Das	1	6		3	2		2	3	
Mr. Biswamoy Pal	1		1		3	1	1	2	
Mr. Milan Sasmal	1			1	2		1	1	
Mr. Gargi Roy	1	4		2	5	1	3		1
Mrs. Debodyuti Upadhaya	1	4		2	3	1	3		
Dr. Bidhan Malakar				1	2	2	1	2	
Mr. Arpan Ghatak							1	1	
Mr. Abakash Das							1	1	
Mr. Indranil Kushary									1
Dr. Alok Kumar Srivastav	3	1		3	3		1		1
Dr. Maitrayee Chakrabarty		3		2	8	2			



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Faculty wise publication details (CAY 2023-24)



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JOURNAL PUBLICATIONS

CAY (2023-24)

Sl.	Faculty Name	Title of the Paper	Name of the Journal	Indexing	ISSN No	Date of Publication	DOI / Web Link
1	Mr. Sudip Das Dr. Alok Kumar Shrivastav	Adaptive shoot-through duty ratio control methodology of stand-alone quasi Z-source inverter	Engineering Review	ESCI	1849-0433	November, 2023	https://er.riteh.hr/index.php/ER/article/view/2251
2	Dr. Alok Kumar Shrivastav	A robust super twisting sliding mode controller for optimal grid synchronization of photovoltaic system	Multimedia Tools And Applications	SCIE	1573-7721	December, 2023	https://link.springer.com/article/10.1007/s00542-023-05573-z
3	Dr. Alok Kumar Shrivastav	Power quality enhancement of microgrid using fuzzy logic controlled inverter and SFCL	Microsystem Technologies	SCIE	09467076	January, 2024	https://link.springer.com/article/10.1007/s00542-023-05597-5
4	Dr. Alok Kumar Shrivastav	Analysis and investigation of synchronous machine rotor winding short-circuit fault in a distribution system	Multimedia Tools And Applications	SCIE	1573-7721	April, 2024	https://link.springer.com/article/10.1007/s00542-024-05640-z
5	Mr. Partha Das Mrs. Gargi Roy Mr. Biswamoy Pal Mr. Sudip Das Mr. Milan Sasmal	A Review on Techniques of Power Transmission Lines Congestion Management in Deregulated Electricity Market	Journal of Mines, Metals and Fuels	SCOPUS	0022-2755	May, 2024	https://informaticsjournals.com/index.php/jmmf/article/view/43065
6	Mr. Partha Das Mrs. Deboditya Mr. Gargi Roy	A review on hybrid electric vehicles using various energy storage: a modern application of renewable energy sources	International Education and Research Journal (IERJ)	GOOGLE SCHOLAR	2454-9916	June, 2024	https://ierj.in/journal/index.php/ierj/article/view/3452



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Department of Electrical Engineering

Faculty wise publication details (CAYm1 2022-23)



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JOURNAL PUBLICATIONS

CAYm1 (2022-23)

Sl.	Faculty Name	Title of the Paper	Name of the Journal	Indexing	ISSN No	Date of Publication	DOI / Web Link
1	Mr. Sudip Das	New Approach for Reducing Impact of SandStorm and Subsequent Deposition on Solar Panel in Desert Area	International Journal of Computing and Digital Systems	SCOPUS	2210-142X	August,2022	10.12785/ijcds/120156
2	Dr. Papun Biswas Mr. Partha Das Mr. Partha Ray Mr. Biswamoy PalMr. Sudip Das Mr. Milan Sasmal	Optimization of Microgrid Operation under the Diffusion of Solar and Wind Plant with Special Attention on Environment	Journal Of Physics	SCOPUS	1742-6596	August,2022	10.1088/1742-6596/2286/1/012016
3	Mr. Partha Das Mr. Partha Ray Dr. Papun Biswas Mr. Biswamoy PalMr. Sudip Das Mr. Milan Sasmal	Review on Power System Reliability Indices and Evaluation Techniques	Journal Of Physics	SCOPUS	1742-6596	August,2022	10.1088/1742-6596/2286/1/012023
4	Mr. Partha Das Mr. Biswamoy PalMr. Sudip Das Mr. Milan Sasmal	Multi sensor based smart medical ring for health monitoring system	Journal Of Physics	SCOPUS	1742-6596	August,2022	10.1088/1742-6596/2286/1/012004
5	Dr. Alok Kumar Shrivastav	Controlling of transient and harmonics using UPFC in an interconnected power grid	Microsystem Technologies	SCIE	09467076	January,2023	10.1007/s00542-022-05374-w
6	Mr. Sudip Das	Quality and leakage detection based water pricing scheme for multi-consumer building with real time implementation using IOT	Multimedia Tools And Applications	SCIE	1573-7721	January,2023	10.1007/s11042-023-14402-4
7	Mr. Sudip Das	Improved Preprocessing Strategy under Different Obscure Weather Condition for Augmenting Automatic License Plate Recognition	Proceedings of Engineering and Technology Innovation	SCOPUS	2413-7146	January,2023	10.46604/peti.2023.10594
8	Mrs. Gargi Roy	An Automated Electrical Protection System Against Lightning Strike	International Journal For Research In Applied Science & Engineering Technology(IJRASET)	GOOGLE SCHOLAR	2321-9653	April,2023	https://doi.org/10.22214/ijraset.2023.49979
9	Dr. Maitrayee Chakrabarty, Mrs. Gargi Roy, Mrs. Debodyuti Upadhaya	A literature survey on Network Reconfiguration in power system	Journal Of Emerging Technologies And Innovative Research (JETIR)	GOOGLE SCHOLAR	2349-5162	May,2023	http://www.jetir.org/papers/JETIR2305604.pdf
10	Dr. Maitrayee Chakrabarty	Optimal path identification for power network loss minimization	Journal Of Emerging Technologies And Innovative Research (JETIR)	GOOGLE SCHOLAR	2349-5162	May,2023	http://www.jetir.org/papers/JETIR2306733.pdf
11	Biswamoy Pal	IOT Based Smart System To Monitor Patient Vitals in Real - Time for Communicable Diseases like COVID - 19	IJCRT	GOOGLE SCHOLAR	2320-2882	May,2023	https://ijcrt.org/viewfulltext.php?&p_id=IJCRT23A5495
12	Mr. Basudeb Dey	Machine Learning-Driven heterogeneous Customer categorization And Prediction	TIJER - International Research Journal	GOOGLE SCHOLAR	2349-9249	May,2023	https://tijer.org/pubcurrentissue.php?v=10&i=6
13	Mr. Basudeb Dey	Analysis of Power System Transient Stability Performance for a Three	IJRAR	GOOGLE SCHOLAR	2349-5138	May,2023	http://www.ijrar.org/viewfull.php?&p_id=



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		Machine, Seven bus Systems using ETAP Software					IJRAR23B2900
14	Dr. Alok Kumar Shrivastav	Performance evaluation and downstream system planning based energy management in LTE systems	Multimedia Tools And Applications	SCIE	1573-7721	May,2023	10.1007/s11042-023-15404-y
15	Partha Das	Distinctive modeling of the Railway Passive Suspension System	IJCTR	GOOGLE SCHOLAR	2320-2882	May,2023	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://ijcrt.org/papers/IJCRT2305577.pdf
16	Dr. Alok Kumar Shrivastav	Radial basis function network based PV and wind system using maximum power point tracking	Microsystem Technologies	SCIE	09467076	June,2023	10.1007/s00542-023-05485-y
17	Biswamoy Pal	Literature Survey on the Advancements in IOT Based Health Monitoring Systems	JETIR	GOOGLE SCHOLAR	2349-5162	June,2023	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.jetir.org/papers/JETIR2306615.pdf
18	Mrs. Gargi Roy	A Comprehensive Review About Protection System in Microgrid	Journal Of Emerging Technologies And Innovative Research	GOOGLE SCHOLAR	2349-5162	June,2023	http://doi.org/10.1729/Journal.35106



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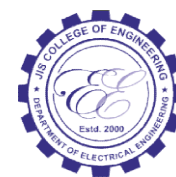
Faculty wise publication details (CAYm2 2021-22)



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Department of Electrical Engineering

JOURNAL PUBLICATIONS

CAYm2 (2021-22)

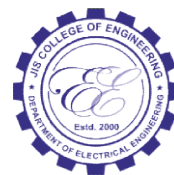
Sl.	Faculty Name	Title of the Paper	Name of the Journal	Indexing	ISSN No	Date of Publication	DOI / Web Link
1	Mr. Biswamoy Pal	Review Of Soft Switched Fly-back Converters	International Journal Of Engineering Research & Technology (IJERT)	Google Scholar	2278-0181	July, 2021	10.17577/Ijertconv9is11067
2	Mrs. Suparna Pal	Low-Cost Incubators Create New Income For Rural Villages	International Journal Of Engineering Research & Technology (IJERT)	Google Scholar	2278-0181	July, 2021	10.17577/Ijertconv9is11002
3	Dr. Bidhan Malakar	A Literature Review On Different Renewable Energy Resources	International Journal Of Engineering Research & Technology (IJERT)	Google Scholar	2278-0181	July, 2021	10.17577/Ijertconv9is11045
4	Mr. Basudeb Dey	Study Of the Grid Disturbance In The Indian Grid	Journal Of Emerging Technologies And Innovative Research (JETIR)	Google Scholar	2349-5162	November,2021	https://www.jetir.org/Papers/Jetir2111066.Pdf
5	Mr. Basudeb Dey	A Survey On Power System Blackout And Different Schemes To Avoid Black-Out In The Interconnected Grid	Journal Of Emerging Technologies And Innovative Research (JETIR)	Google Scholar	2349-5162	November,2021	https://www.jetir.org/Papers/Jetir2111065.Pdf
6	Mr. Basudeb Dey	Underground Cable Fault Detector	Journal Of Emerging Technologies And Innovative Research	Google Scholar	2349-5162	January,2022	http://www.jetir.org/Papers/Jetir2201087.Pdf
7	Dr. Alok Kumar Shrivastav	Analysis Of Over Current Relay And Hybrid Filter Including The Utilization Of SFCL In A Distribution Network With Dg	Aims Electronics And Electrical Engineering	Scopus	25781588	February,2022	10.3934/Electreng.2022006
8	Sudip Das	An Enhanced Ultra High Gain Active Quasi Z – Source Inverter	IEEE Transactions on Circuits and Systems II: Express Briefs	SCIE	1558-3791	March, 2022	10.1109/TCSII.2021.3129903
9	Mr. Partha Das	Human Following Robot	International Journal Of Creative Research Thoughts(IJCRT)	Google Scholar	2320-2882	March,2022	https://Ijcrt.Org/Papers/Ijcrt2203026.Pdf
10	Mr. Partha Das Mr. Milan Sasmal Mr. Biswamoy Pal Mr. Sudip Das	Review On Power System Reliability Indices And Evaluation Techniques	Journal Of Physics	Scopus	1742-6596	March,2022	10.1088/1742-6596/2286/1/012023
11	Mr. Partha Das Mr. Milan Sasmal Mr. Biswamoy Pal Mr. Sudip Das	Multi Sensor Based Smart Medical Ring For Health Monitoring System	Journal Of Physics	Scopus	1742-6596	April,2022	10.1088/1742-6596/2286/1/012004
12	Mrs. Suparna Pal	Bio-fuel From Organic Waste A Smart Solution To Conserve Non-Renewable -A Review	Journal Of Physics	Scopus	1742-6596	April,2022	10.1088/1742-6596/2286/1/012028



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13	Mr. Partha Das	Solar Inverter With Smart Solar Traking System	International Journal of Research and Analytical Reviews	Google Scholar	2349-5138	May,2022	http://ijrar.org/viewfull.php?p_id=IJRAR22B2472
14	Mr. Basudeb Dey	Load Flow Analysis And Transient System Analysis Of A Cycle Combined Power Plant Using ETAP Software	SSRN	Google Scholar	2320-2882	May,2022	Http://Dx.Doi.Org/10.2139/Ssrn.4108082
15	Mrs. Suparna Pal	Power Theft Detection System	International Journal Of Creative Research Thoughts (IJCRT)	Google Scholar	2320-2882	May,2022	Https://Ijcrt.Org/Papers/Ijcrt2205409.Pdf
16	Mrs. Suparna Pal	Power Theft – A Primal Concern(The Novel Approach Of Detection And Prevention Of Power Theft)	International Journal Of Creative Research Thoughts	Google Scholar	2320-2882	May,2022	Https://Ijcrt.Org/Papers/Ijcrt2205433.Pdf
17	Mrs. Suparna Pal	The Real-Time Data Analysis & Power theft Detection Of Power System with A Demo Network Using ETAP software.	International Journal Of Creative Research Thoughts	Google Scholar	2320-2882	May,2022	Https://Ijcrt.Org/Papers/Ijcrt2205343.Pdf
18	Mr. Biswamoy Pal	Development And Analysis Of A ZCS Operated Boost Converter Suitable For PV Applications	International Research Journal Of Modernization In Engineering Technology And Science	Google Scholar	2582-5208	June,2022	Https://Www.Irjmet.S.Com/Uploadedfiles/Paper/Issue_6_June_222/26732/Final/Fin_Irjmet1656047675.Pdf
19	Mr. Biswamoy Pal	Smart Irrigation System Using Arduino	International Journal Of Advances In Engineering And Management (IJAEM)	Google Scholar	2395-5252	June,2022	10.35629/5252-040513001302
20	Mrs. Debodityuti Upadhaya	Sensitivity Analysis Of Different Photo Voltaic Modules under Different Thermal Condition	International Research Journal of Modernization in Engineering Technology and Science	Google Scholar	2582-5208	June, 2022	chrome-extension://efaidnbmnnnibpcajpcglclefndmkaj/https://www.irjmet.com/uploadedfiles/paper/issue_6_june_2022/26256/final/fin_irjmet1655476168.pdf



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CONFERENCE PUBLICATIONS

CAY (2023-24)

Sl.	Faculty Name	Title of the Paper	Name of the Conference	Date of Publication	DOI / ISSN
1	Mr. Sudip Das	Tribrid IoT-based intelligent washing machine	AIP Conference Proceedings	September, 2023	https://doi.org/10.1063/5.0157247
2	Mr. Sudip Das Mrs. Gargi Roy Mrs. Debodiyuti Upadhaya Mr. Biswamoy Pal Mr. Milan Sasmal Mr. Basudeb Dey Mr. Partha Das	Design and Development of Solar Electric Vehicles Charge Monitoring System using IoT	International Conference on Integrative Science and Engineering	September, 2023	https://www.jetir.org/Papers/Jetir2111066.Pdf
3	Mr. Sudip Das Mrs. Gargi Roy Mrs. Debodiyuti Upadhaya Mr. Biswamoy Pal Mr. Milan Sasmal Mr. Basudeb Dey Mr. Partha Das	Reforming Indian Power Sector-A Study on Journey towards Competitive Electricity Market	International Conference on Integrative Science and Engineering	September, 2023	https://www.jetir.org/Papers/Jetir2111065.Pdf
4	Mr. Sudip Das Mrs. Gargi Roy Mrs. Debodiyuti Upadhaya Mr. Biswamoy Pal Mr. Milan Sasmal Mr. Basudeb Dey Mr. Partha Das	A Low Cost Human Independent Smart Irrigation System	International Conference on Integrative Science and Engineering	September, 2023	http://dx.doi.org/10.2139/ssrn.4108082
5	Mr. Sudip Das Mrs. Gargi Roy Mrs. Debodiyuti Upadhaya Mr. Biswamoy Pal Mr. Milan Sasmal Mr. Basudeb Dey Mr. Partha Das	A Review on Various High Gain Non Isolated DC – DC Converters for Renewable Energy Interfaced DC Micro Grid Applications	International Conference on Integrative Science and Engineering	September, 2023	http://www.ljareeie.com/Upload/2021/May/18_Password_Nc_New.Pdf
6	Mr. Sudip Das Mrs. Gargi Roy Mrs. Debodiyuti Upadhaya Mr. Biswamoy Pal Mr. Milan Sasmal Mr. Basudeb Dey Mr. Partha Das	Sensor Protected Commercial Effective Home Automation System	International Conference on Integrative Science and Engineering	September, 2023	10.17577/ljertconv9is11045
7	Mr. Partha Das Mrs. Gargi Roy Mrs. Debodiyuti Upadhaya	IoT based Smart parking System-A tech solution for smart city	International Conference on Engineering materials and sustainable societal development (ICEMSSD2024)	April, 2024	10.1109/TCSII.2021.3129903
8	Mr. Partha Das	Eco-friendly Solar Powered Hat with smart features-A cleantech solution for Outdoor workers	International Conference on Engineering materials and sustainable societal	April, 2024	10.3934/Electreng.2022006



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			development		
9	Mr. Partha Das Mrs. Gargi Roy Mrs. Debodyuti Upadhaya	Simulation of Fully Controlled Rectifier with different Loads using MATLAB	Third Regional Conclave of Students' Chapters (Eastern Region) on Green Sustainability Development in Engineering & Technology	April, 2024	10.1088/1742- 6596/2286/1/012023
10	Mr. Partha Das Mrs. Gargi Roy Mrs. Debodyuti Upadhaya	Automatic Railway Level Crossing System & Traffic Management with Real Time Monitoring	International Conference on Engineering materials and sustainable societal development (ICEMSSD2024)	April, 2024	10.1088/1742- 6596/2286/1/012004
11	Dr. Maitrayee Chakraborty	Optimal Energy Restoration in Radial Distribution: A Network Reconfiguration Approach by Kruskal's Minimal Spanning Tree Algorithm	ICSCSP 2024	June, 2024	10.1088/1742- 6596/2286/1/012028
12	Dr. Alok Kumar Srivastav	A Review on Role of Soft Computing (SC) Techniques in Microgrid Energy Management Systems	ESDA2022	June, 2024	10.1007/978-981-97- 0154-4_28



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Department of Electrical Engineering

CONFERENCE PUBLICATIONS

CAYm1 (2022-23)

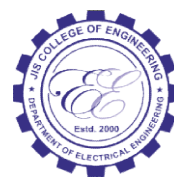
Sl.	Faculty Name	Title of the Paper	Name of the Conference	Date of Publication	DOI / ISSN
1	Gargi Roy	Design Of An Automatic Obstacle Avoiding Vehicle Using Arduino	All India Seminar On Electrical Safety -2022(National Campaign On Electrical Safety At Residential ,Commercial, And Public Building & Utility	September, 2022	978-81-959819-0-8
2	Mrs. Debodyuti Upadhaya Mrs. Gargi Roy Dr. Maitrayee Chakrabarty	Safety Protection Requirement For Daily Life And Post Disaster Renovation Work	All India Seminar On Electrical Safety -2022(National Campaign On Electrical Safety At Residential ,Commercial, And Public Building & Utility	September, 2022	978-81-959819-0-8
3	Mrs. Debodyuti Upadhaya Dr. Maitrayee Chakrabarty	Design Of An Automatic Obstacle Avoiding Vehicle Using Arduino	All India Seminar On Electrical Safety-2022 Aises - 2022 National Campaign On Electrical Safety At Residential, Commercial & Public Building & Utility	September, 2022	978-81-959819-0-8
4	Dr. Alok Kumar Srivastav	Software Analysis Of Power Theft Effect In A Real Time Power System Network	I3SET 2K22	December, 2022	935747143x
5	Dr. Alok Kumar Srivastav	Optimal Allocation Of Solar Distributed Generators In Radial Distribution System Using Hybrid Method	I3SET 2K22	December, 2022	935747143x
6	Dr. Alok Kumar Srivastav	Power System Applications Of Recursive Static State Estimation Algorithm	I3SET 2K22	December, 2022	935747143x
7	Mr. Partha Das	Multitasking Arduino Based Parent's Friendly Smart Bag pack	I3SET 2K22	December, 2022	935747143x
8	Mrs. Suparna Pal	Application Of Laser In Carbon Nano Materials Fabrication-A Review	I3SET 2K22	December, 2022	935747143x
9	Mrs. Suparna Pal	Software Analysis Of Power Theft Effect In A Real Time Power System Network	I3SET 2K22	December, 2022	935747143x
10	Mrs. Suparna Pal Mrs. Gargi Roy Mrs. Debodyuti Upadhaya	Identification of Power System Fault by Hardware Analysis	I3SET 2K22	December, 2022	935747143x
11	Mr. Basudeb Dey	Survey On Ai-Enabled Drowsiness Detection System	I3SET 2K22	December, 2022	935747143x
12	Mr. Partha Das Mrs. Debodyuti Upadhaya Mr. Sudip Das Mr. Biswamoy Pal Mr. Milan Sasmal Mr. Basudeb Dey	A Review On Techniques Of Power Transmission Line Congestion Management	International Conference On Engineering Design And Computing(ICEDC)-2023	January, 2023	2278-0181
13	Mrs. Gargi Roy Dr. Maitrayee Chakrabarty Mrs. Debodyuti Upadhaya	A Comprehensive Study Of Solar Power EV Charging System: A Review	International Conference On Energy Systems, Drives, Power Electronics, Measurement And Sensors	February, 2023	978-93-89817-95-9



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14	Mrs. Suparna Pal	An Automatic Vacuum Cleaner Design AndDevelopment Using Intelligent Controller	International Conference On Energy Systems, Drives, Power Electronics, Measurement And Sensors	February,2023	978-93-89817-95-9
15	Mrs. Suparna Pal	Micro Inverter Using Renewable EnergyCharged Battery	International Conference On Energy Systems, Drives, Power Electronics, Measurement And Sensors	February,2023	978-93-89817-95-9
16	Mrs. Debodyuti Upadhaya Mrs. Gargi Roy Dr. Maitrayee Chakrabarty	An Automated Vacuum Cleaner Design AndDevelopment Of Using Intelligent Controller	International Conference On Energy Systems, Drives, Power Electronics, Measurement And Sensors	February,2023	978-93-89817-95-9



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CONFERENCE PUBLICATIONS

CAYm2 (2021-22)

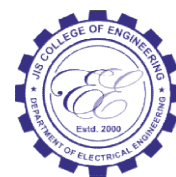
Sl.	Faculty Name	Title of the Paper	Name of the Conference	Date of Publication	DOI / ISSN
1	Dr. Bidhan Malakar	A Performance Analysis Of A Photo Voltaic Array Under Different Temperature Conditions And Semiconductor Materials	ICCDC,2021	August,2021	978-9811691539
2	Mr. Biswamoy Pal Mr. Partha Das Mr. Sudip Das,	Review On Power System Reliability Indices And Evaluation Techniques	ICSTSD2021	October, 2021	1742-6596
3	Mr. Biswamoy Pal Mr. Partha Das Mr. Sudip Das	Multi Sensor Based Smart Medical Ring For Health Monitoring System	ICSTSD2021	October, 2021	1742-6596
4	Dr. Papun Biswas	Optimization of Microgrid Operation under the Diffusion of Solar and Wind Plant with Special Attention on Environment	ICSTSD2021	October, 2021	1742-6596
5	Mr. Biswamoy Pal	A Novel Soft-Switched Single-Switch Flyback Converter With Active Leakage Recovery Network	NPEC 2021	December,2021	1803-7232
6	Dr. Bidhan Malakar	A Review On The Reliability Analysis Of Point Machines In Railways	ICNDA 2022	March,2022	978-3-030-99792-2



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BOOK CHAPTER PUBLICATIONS

CAY (2023-24)

Sl.	Faculty Name	Title of the Book/Book Chapter	Publisher	Date of Publication	DOI / ISSN
1	Mr. Biswamoy Pal	Power Converters For Efficient Control And The UtilizationOf Solar Photovoltaic Energy	Nova Science Publishers, USA	November,2023	979-8-89113-102-6

CAYm1 (2022-23)

Sl.	Faculty Name	Title of the Book/Book Chapter	Publisher	Date of Publication	DOI / ISSN
1	Dr. Maitrayee Chakrabarty	A Dual Axis Sun Tracking Solar Panel Controlling By Arduino	Springer	December,2022	2367-3389
2	Dr. Maitrayee Chakrabarty	Optimal Energy Restoration In Radial Distribution: A Network Reconfiguration Approach By Kruskal MinimalSpanning Tree Algorithm	Springer-Lecture Notes In Network AndSystem (LNNS) Series	June, 2023	978-981-99-8450-3

CAYm2 (2021-22)

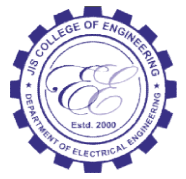
Sl.	Faculty Name	Title of the Book/Book Chapter	Publisher	Date of Publication	DOI / ISSN
1	Dr. Alok Kumsr Shrivastav	Smart Grid Modernization: Opportunities AndChallenges	Intechopen	July,2021	978-1-83962-919-8
2	Dr. Bidhan Malakar	A Performance Analysis Of A Photovoltaic Module Under Different Temperature Conditions And Semiconductor Materials	Springer	August,2021	978-9811691539
3	Dr. Bidhan Malakar	A Survey On The Applications And Advancements InSmart Water Meter	Springer	August,2021	978-9811691539
4	Mr. Indranil Kushary	Reduction Of Power Fluctuation For Grid Connected Qzsi-Based Solar Photovoltaic System Using Battery Storage Unit	Springer	February,2022	978-9811629105



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