

Books/ Book Chapters

2021-2022

ECE

Name of the Faculty	Title Of The Book/Chapters Published	Title of the Book	ISBN/ISSN number of the proceeding	Name of the publisher
Dr. Sangita Roy, Arpita Santra, Dr. Anilesh Dey, Sourav Dutta	Edge Preserving Smoothing Bilateral Image Filter: A Report	Lambert Academic Publishing	9786204 979397	Lambert Academic Publishing
Dr. Sangita Roy	Development Of Improved Visibility Restoration Techniques	Lambert Academic Publishing	9 7 8 6 2 0 4 9 5 4 5 8 5	Lambert Academic Publishing
Arnima Das,	Study Of Micro-Strip Patch Antenna For Applications In Contact-Less Door Bell Looking At The COVID-19 Pandemic Situation	Computational Advancement in Communication, Circuits and Systems	ISBN: 978-981-16-4035-3 doi: https://doi.org/10.1007/978-981-16-4035-3_31	Computational Advancement in Communication, Circuits and Systems
Dr. Sangita Roy	Single Image Very Deep Super Resolution (Sivdsr) Dehaze	BECITHCO N2021	ISBN: 978-1-6654-6622-6 doi: 10.1109/BECITHCO N54710.2021.9893583	BECITHCO N2021

<p>ARPITA SANTRA, Arnima Das,</p>	<p>On Some Findings On Micro-Strip Patch Antenna For Biomedical Applications</p>	<p>36th Indian Engineering Congress (IEC)</p>	<p>ISBN 978- 81-955500- 1-2 DOI:10.36 375/prepar e_u.iei.a14 6</p>	<p>36th Indian Engineering Congress (IEC)</p>
<p>Kaushik Sarkar</p>	<p>Word Boundary Detection Using Convolutional Neural Network (CNN) And Decision Tree Method</p>	<p>Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)</p>	<p>SBN: 978- 981-16- 4035-3 DOI: https://doi.org/10.1007/978-981-16-4035-3_2</p>	<p>springer</p>
<p>Dr. Anilesh Dey</p>	<p>Effect Of Cognitive Task On The Central Nervous System</p>	<p>Proceedings of Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)</p>	<p>SBN: 978- 981-16- 4035-3 DOI: https://doi.org/10.1007/978-981-16-4035-3_23</p>	<p>springer</p>

Dr. Anilesh Dey	Face Detection And Extraction Using Viola-Jones Algorithm	proceedings of Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)	SBN: 978-981-16-4035-3 DOI https://doi.org/10.1007/978-981-16-4035-3_9	springer Scopus
Dr. Anilesh Dey	Brain Computer Interface: A Review	proceedings of Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)	SBN: 978-981-16-4035-3 DOI https://doi.org/10.1007/978-981-16-4035-3_3	springer
Arpita Santra, Arnima Das, Dr. M. R. Kanjilal	Study Of Micro-Strip Patch Antenna For Applications In Contact-Less Door Bell Looking At The COVID-19 Pandemic Situation	proceedings of Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)	SBN: 978-981-16-4035-3 DOI https://doi.org/10.1007/978-981-16-4035-3_31	springer

CSE

Name of the Faculty	Name of the Authors	Title	Name Of The Book	Publisher	ISBN/ISSN/DOI	LINK
Koushik Karmakar	Sohail Saif, Pratik Bhattacharjee, Koushik Karmakar, Ramesh Saha, Suparna Biswas	IoT-Based Secure Health Care: Challenges, Requirements and Case Study	Internet of Things Based Smart Healthcare	Springer, Singapore		https://link.springer.com/chapter/10.1007/978-981-19-1408-9_15
Koushik Karmakar	Aritri Chakraborti, Koushik Karmakar, Ananya Banerjee	Different Sensors in Modern day Healthcare Service	Computational Advancement in Communication, Circuits and Systems Proceedings of 3rd ICCACCS 2020	Springer, Singapore		https://link.springer.com/chapter/10.1007/978-981-16-4035-3_14
Koushik Karmakar	Koushik Karmakar, Sohail Saif, Suparna Biswas & Sarmistha Neogy	A Priority Based Routing Protocol to Improve Quality of Service (QoS) in Wireless Body Area Network for COVID and Diabetic Patients	Proceedings of the 3rd International Conference on Communication, Devices and Computing (ICCDC 2021) / Part of the book series: Lecture Notes in Electrical Engineering (LNEE, volume 851)	Springer		https://link.springer.com/chapter/10.1007/978-981-16-9154-6_18
Koushik Karmakar	Koushik Karmakar, Sohail Saif, Suparna Biswas & Sarmistha Neogy	Application of Relay Nodes in WBAN-Based Smart Healthcare for Energy Conservation Explained with Case Studies	High Performance Computing and Networking: Select Proceedings of CHSN 2021/ Part of the book series: Lecture Notes in Electrical Engineering (LNEE, volume 853)	Springer		https://link.springer.com/chapter/10.1007/978-981-16-9885-9_52

Dr Biswajit Halder	Debjani Chakraborty, Sandeep Choudhury, Sanjib Kumar Dutta, Biswajit Haldar	Identification of Tampering Image Using SIFT Descriptor	2021 Sixth International Conference on Image Information Processing (ICIIP)		2640-074X, 10.1109/ICII P5303 8.2021 .9702601	https://ieeexplore.ieee.org/document/9702601
Ananya Banerjee	Ananya Banerjee, Aritri Chakraborti, Koushik Karmakar	Different Sensors in Modern day Healthcare Service	Computational Advancement in Communication, Circuits and Systems	Springer, Singapore		https://link.springer.com/chapter/10.1007/978-981-16-4035-3_14
Ananya Banerjee	Ananya Banerjee, DK Bhattacharya, Anilesh Dey	Effect of Cognitive Task on the Central Nervous System	Computational Advancement in Communication, Circuits and Systems	Springer, Singapore		https://link.springer.com/chapter/10.1007/978-981-16-4035-3_23
Shubhendu Banerjee	Shubhendu Banerjee, Sumit Kumar Singh, Avishek Chakraborty, Atanu Das, Rajib Bag	Diagnoses of melanoma lesion using YOLOv3	Computational Advancement in Communication, Circuits and Systems	Springer	October	https://link.springer.com/chapter/10.1007/978-981-16-4035-3_26
Md Ashifuddin Mondal	Md Ashifuddin Mondal, Zeenat Rehena	Common Ticketing Service in Multimodal Transportation System	Proceedings of International Conference on Advanced Computing Applications	Springer		https://link.springer.com/chapter/10.1007/978-981-16-5207-3_19
Mousumi Saha	Mousumi Saha, Debuja Dhar, Tamasree Biswas	Impact of Atmospheric Features for COVID-19 Prediction	Computational Advancement in Communication, Circuits and Systems, Proceedings of 3rd ICCACCS 2020 (pp.195-201)	Springer		https://link.springer.com/chapter/10.1007/978-981-16-4035-3_17
Dr. Subhram Das	Arijit Das, Tanisha Khan, Subhram Das, and D. K. Bhattacharya.	Proper Choice of a Machine Learning Algorithm for Breast Cancer Prediction.	Lecture Notes in Electrical Engineering, vol 786.	Springer, Singapore,	978-981-16-4035-3_1	https://doi.org/10.1007/978-981-16-4035-3_1

Dr. Subhram Das	Navoneel Moitra, Akanksha Singh, and Subhram Das,	Use of Convolutional Neural Network (CNN) to Detect Plant Disease.	Lecture Notes in Electrical Engineering, vol 786.	Springer, Singapore,	978-981-16-4035-3_5	https://doi.org/10.1007/978-981-16-4035-3_5
Dr. Subhram Das	Kumar Kalpadiptya Roy, Ipsita Mazumder, Arijit Das, and Subhram Das	Detection of COVID-19 using deep transfer learning-based approach from X-ray and Computed Tomography (CT) images,	Lecture Notes in Electrical Engineering, vol 786.	Springer, Singapore,	978-981-16-4035-3_27	https://doi.org/10.1007/978-981-16-4035-3_27

EE

Title of the Book Publication	DOI
Application of Signal Processing Tools and Artificial Neural Network in Diagnosis of Power System Faults	https://doi.org/10.1201/9780367431143
Transmission Congestion Management: Pricing and Locational Marginal Pricing in the Deregulated Power System	ISBN-10 : 6139993377, ISBN-13: 978-6139993376

Title of the Book Chapter Publication	DOI
Security of Load Flow Analysis with Photovoltaic Energy Sources	https://doi.org/10.1007/978-981-16-4035-3_20
Evaluation of Azimuth Angle Profile for Solar Photovoltaic System in Humid Subtropical Climate of Varanasi City	https://doi.org/10.1007/978-981-16-4035-3_21
Contingency Analysis and Ranking for a 30 Bus System to Maintain Its Stability and Reliability	https://doi.org/10.1007/978-981-16-4035-3_15

BSHU

Name of the faculty	Title of the Chapter	Name of the book	ISBN No
Dr. Susmita Karan	Mining and Environmental Crisis	Handbook on present environmental Challenges: An overview Book Rivers, Lucknow, India	978 93 5515 086 8
Dr. Susmita Karan	Illegal, Unreported and Unregulated Fishing and Environmental Crisis	Handbook on present environmental Challenges: An overview Book Rivers, Lucknow, India	978 93 5515 086 8
Sharmistha Basu	Ozone Layer Depletion:A Brief Analysis On The Consequences And The Alternative Measures For Protection	Handbook on present environmental Challenges: An overview Book Rivers, Lucknow, India	978 93 5515 086 8
Dr. Sumit Nandi, Dr. Rupa Bhattacharyya	Waste plastic to biodiesel	Handbook on present environmental Challenges: An overview Book Rivers, Lucknow, India	978 93 5515 086 8
Dr. Sumit Nandi, Dr. Sarbani Ganguly, Dr. Rupa Bhattacharyya	A Handbook on Engineering Chemistry Laboratory	A Handbook on Engineering Chemistry Laboratory	978 93 89817 70 6
Dr. Nikhilesh Sil	Air Pollution: Cause, Effects and Possible Solution	Handbook on present environmental Challenges: An overview Book Rivers, Lucknow, India	978 93 5515 086 8

Dr. Nikhilesh Sil	Solid Waste Management: Problems and Solution by Using Microbes & Bacteria	Handbook on present environmental Challenges: An overview Book Rivers, Lucknow, India	978 93 5515 086 8
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CA

Title	ISSN/ISBN No./doi	Author Name
Brain Computer Interface: A Review	https://doi.org/10.1007/978-981-16-4035-3_3	Debrupa Pal

2020-2021

ECE

Name of the Faculty	Title of the book/chapters published	Title of the Book	ISBN/ISSN number of the proceeding	Publisher
Swati Barui	Object grasping classification using K-Nearest Neighbour for enhance dexterity of robotic arm	Proceedings of International Journal of Control and Automation	ISSN: 2005-4297	Science and Engineering Research Support Society
Kaushik Sarkar	A Cross-Sectional Study on Central Sensitization and Autonomic Changes in Fibromyalgia	Frontiers in Neuro science	DOI: 10.3389/fnins.2020.00788	Frontiers in Neurosciences, Web of Science
Puspak Pain	A Review on Continuous Monitoring Using Geofencing Technology in Manifold Post COVID Future Aspect	PROCEEDINGS OF 3rd NATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NCSTCS 2K20)	ISBN: 978-93-89817-42-3	Ideal International E – Publication Pvt. Ltd.

Dr.Surajit Bari	Power Reduction Approach in VLSI Circuits through logic Restructuring and Input Patterning	Proceedings of "International Conference on Future Trends and Technological Advancement in Engineering 2020"	ISBN: 978-81-950351-1-3	New Delhi Publishers
Puspak Pain	Criminal Face Detection Mechanism Using Image Recognition	Proceedings of "International Conference on Future Trends and Technological Advancement in Engineering 2020"	ISBN: 978-81-950351-1-3	New Delhi Publishers
Dr.Saradindu Panda	Low Power & High-speed Memory Design using Nano MOSFETs in 22nm Technology	Proceedings of "International Conference on Future Trends and Technological Advancement in Engineering 2020"	ISBN: 978-81-950351-1-3	New Delhi Publishers
Kaushik Sarkar	Word Boundary Detection Using Convolutional Neural Network (CNN) and Decision Tree Method	Proceedings Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)	ISBN: 978-981-16-4035-3	springer
Dr.Surajit Bari	Estimation of Power and Delay of CMOS Phase Detector and Phase-Frequency Detector Using Nano Dimensional MOS Transistor	Proceedings of IEEE 2020 IEEE VLSI DEVICE CIRCUIT AND	DOI: 10.1109/VLSIDCS472.93.2020.9179921	IEEE Xplore , Conference Proceedings

		SYSTEM (VLSI DCS)		
Sangita Roy	Hardware Implementation of Image Dehazing Mechanism using Verilog HDL and Parallel DCP	Proceedings of 2020 IEEE Applied Signal Processing Conference (ASPCON)	http://dx.doi.org/10.1109/ASPCON49795.2020.9276702	IEEE Xplore
Puspak Pain	Physical Proof and Simulation of Ternary Logic Gate in Ternary Quantum Dot Cellular Automata	Proceedings of 2nd International Conference on Computational Advancement in Communication circuit and System	Print ISBN 978-981-13-8686-2 Electronic ISBN 978-981-13-8687-9 doi: https://doi.org/10.1007/978-981-13-8687-9	springer
Pranab Hazra	GIS Based Rain Water Harvest Considering Population as a Function	Proceedings of 5th International Conference on Microelectronics , Computing & Communication Systems (MCCS-2020)		springer
Dr. Anilesh Dey	Effect of Cognitive Task on the Central Nervous System	Proceedings of Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)	SBN: 978-981-16-4035-3	springer
Dr. Anilesh Dey	Brain Computer Interface: A Review	Proceedings of Computational Advancement in Communication, Circuits and Systems	SBN: 978-981-16-4035-3	springer

		(ICCACCS 2020)		
Arpita Santra, Arnima Das, Dr. M. R. Kanjilal	Study of Micro-Strip Patch Antenna for Applications in Contact-less Door Bell Looking at the COVID-19 Pandemic Situation	Proceedings of Computational Advancement in Communication, Circuits and Systems (ICCACCS 2020)	SBN: 978-981-16-4035-3	springer

CSE

Name of the Authors	Title	Name Of The Book	Publisher	ISBN/ISSN/DOI	LINK
Sagarika Chowdhury, Kazi Amrin Kabir, Debasis Dhal, Rajat Kumar Pal, and Goutam Saha.	Multiple Fault Identification and Diagnosis in Cross-Referencing Digital Microfluidic Biochips	Lecture Notes in Networks and Systems	Springer		https://doi.org/10.1007/978-981-16-4294-4_11
Debjani Chakraborty; Sandeep Choudhury; Sanjib Kumar Dutta; Biswajit Halder	Identification of Tampering Image Using SIFT Descriptor	2021 Sixth International Conference on Image Information Processing (ICIIP)	Elsevier	10.1109/ICII P5303 8.2021.9702601	https://ieeexplore.ieee.org/document/9702601
Md Ashifuddin mondal, Zeenat Rehana	An IoT-Based Congestion Control Framework for Intelligent Traffic Management System	Advances in Artificial Intelligence and Data Engineering . Advances in Intelligent Systems and Computing	IGI Global		https://link.springer.com/chapter/10.1007/978-981-15-3514-7_96

Ananya Banerjee, Chandrima Chakrabarti, Anirban Das, Souradip Ganguly, Somraj Mukherjee, Rohan Dutta, Jagriti Chourasia	Detection of Black Hole Attack in Delay-Tolerant Network	Computational Advancement in Communication Circuits and Systems	Springer	https://link.springer.com/chapter/10.1007/978-981-13-8687-9_19
Ananya Banerjee, Gaurav Prasad, Angana Chakraborty,	Malaria Detection Using VGG19 and Deep Convolutional Neural Network	Internet of Things and Its Applications	IGI Global	https://link.springer.com/chapter/10.1007/978-981-16-7637-6_25
Chandrima Chakrabarti, Ananya Banerjee, Anirban Das, Souradip Ganguly, Somraj Mukherjee, Rohan Dutta, Jagriti Chourasia	Detection of Black Hole Attack in Delay-Tolerant Network	Computational Advancement in Communication Circuits and Systems	Springer	https://link.springer.com/chapter/10.1007/978-981-13-8687-9_19

EE

Title of the Book Chapter Publication	DOI
Fault Identification and Determination of Its Location in a HVDC System Based on Feature Extraction and Artificial Neural Network	https://doi.org/10.1007/s40031-021-00541-5

IT

Name of the Authors	Title	Name of the Book	Publisher	ISBN/ISSN/DOI
Shreyashree Mondal, Soumya Bhattacharyya, Puspak Pain, Sujata Kundu, Shyamapriya Chowdhury, Neha Dey, and Ankush Baran Basu	Impacts of COVID-19: A Comprehensive Study Using Linear Regression Analysis in a Predictive Approach	Computational Advancement in Communication, Circuits and Systems, Proceedings of 3rd ICCACCS 2020	Springer Singapore	ISBN: 978-981-16-4035-3

Avishek Chakraborty, Anwesa Mukherjee, Soumya Bhattacharyya, Sumit Kumar Singh, Debashis De, Rajkumar Buyya	Multi Criterial Offloading Decision Making in Green Mobile Cloud Computing	Green Mobile Computing	Springer Nature Switzerland AG Gewerbestrasse 11, 6330 Cham, Switzerland	ISSN: 0036-8733
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CE

Name of Author	Title of Publication	Name of the Book Chapter/ Book
Abhipriya Halder	A Comparative study on slope stability analysis by different approaches	Geotechnical Characterization and Modelling
Abhipriya Halder	A Comparative Study on slope stability analysis by different approaches	Lecture notes of IGC

BSHU

Name of the faculty	Title of the Chapter	Name of the book
Dr. Sumit Nandi	Utilization of industrial wastes for societal benefits	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Dr. Rupa Bhattacharyya	Recycling of plastics and environmental sustainability	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Dr. Nikhilesh Sil	Plastic pollution in the ocean: problem and possible solutions	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)

Dr. Nikhilesh Sil	Development of clean and smart campus in India	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
DR. SHILPI PAL	A study on the effect of COVID-19 pandemic in carbon Management	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Dr. Dhananjay Kumar Tripathi	Numerical weather Prediction	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Dr. Susmita Karan	Applications of Scientific Tools in Eradicating COVID-19	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Dr. Susmita Karan	Present environmental crisis and it's management using nanotechnology	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Rajasi Ray	Effect of Environmental Parameters on the water quality Narmada River, Hussain Shah Lake, The Ganges, and Some Water Samples Collected from North-East India: A Study	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Sharmistha Basu	Holding Lens on Urbanization: A Brief Analysis on Urban Ecology	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)
Dr Sarbani Ganguly	Green recovery of metals from E-waste	Handbook of Environmental crisis and its management (Book chapter) (ISBN: 978-93-89817-51-5)

2019-2020

ECE

Name of the Faculty	Title of the book/chapters published	Title of the Book	Indexed in	ISBN/ISSN number of the proceeding	Name of the publisher
Dr.Anilesh Dey	Unvoiced speech recognition using dynamic analysis of EMG signal	Lecture Notes in Electrical Engineering, Springer	scopus	978-981-13-8687-9	Springer scopus
Dr.Anilesh Dey	Analysis of heart rate variability to understand the immediate effect of smoking on the autonomic nervous system activity	Lecture Notes in Electrical Engineering, Springer	scopus	978-981-13-8687-9	Springer scopus
Dr.Anilesh Dey	Study the effect of cognitive stress on HRV signal using 3D phase space plot in spherical coordinate system	Lecture Notes in Electrical Engineering, Springer	scopus	978-981-13-8687-9	Springer scopus
Dr.Anilesh Dey	Recurrence quantification analysis of electrocardiogram signals to recognize the effect of a motivational song on the cardiac electrophysiology	Lecture Notes in Electrical Engineering, Springer	scopus	Electronic ISBN: 978-981-13-8687-9	Springer scopus

Sangita Roy	Emergency security alarm for labours during construction of high-tower buildings	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (ESWRM 2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.
Swati Barui	Study on AVR microcontroller based water pump system	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (ESWRM 2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.
Arpita Santra	On some studies on Effects of Vegetation on Air Pollution	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (Eswrm 2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.

Arpita Santra	Waste Water Treatment Technology in Steel Industry: A Study	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (EsWRM 2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.
Abhijit Ghosh	Automated Irrigation System using Graphite-based Soil Moisture Sensor	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (EsWRM 2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.
Sangita Roy	Design and Analyse of Rain Water Detector During Problems Caused by Heavy Rains.	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (ESWRN-2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.

Sangita Roy	Adaptable Image Analysis for Environment	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (ESWRN-2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.
Pranab Hazra	WSN And It's Application In Agriculture And Pollution Control Using QualNet	Proceedings Of National Conference On Environmental Sustainability, Water Resource And Management (ESWRN-2019)		ISBN: 978-93-89817-19-5	Ideal International E – Publication Pvt. Ltd.

CSE

Name of the Authors	Title	Name Of The Book	Publisher	ISBN/ISSN/DOI	LINK
Sagarika Chowdhury , Rajat Kumar Pal, and Goutam Saha	A novel double fault diagnosis and detection technique in digital microfluidic biochips	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	SPRINGER		https://doi.org/10.1007/978-3-319-24369-6_15

Shubhendu Banerjee, Aritra Bandyopadhyay, Rajib Bag, Atanu Das	Four-directional detection-based gaussian noise removal	Computational Advancement in Communication Circuits and Systems	Springer	July	https://link.springer.com/chapter/10.1007/978-981-13-8687-9_24
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EE

Title of the book/ book chapter	DOI
Automated Vehicles Path Modification for Designated Via-Point Using Nonlinear SimplexOptimizer	https://doi.org/10.1007/978-981-15-0124-1_136
Investigation and Analysis of Power SystemFaults with Soft Computational Techniques	https://doi.org/10.1007/978-981-15-2455-
Study the Effect of Cognitive Stress on HRV Signal Using 3D Phase Space Plot in SphericalCoordinate System	https://doi.org/10.1007/978-981-13-8687-9_21
Influence of Gate and Channel Engineering onMultigate Tunnel FETs: A Review	https://doi.org/10.1007/978-981-13-8687-
Power Grid Generation with TectonicMechanismWind Energy Resources	https://doi.org/10.1007/978-981-13-8687-
A Book on 'Energy Engineering andManagement'	ISBN-978-93-87472-90-7

IT

Name of the Authors	Title	Name of the Book	Publisher	ISBN/ISSN/DOI
Mukherjee R., Dhar D., Biswas T., Saha M., Maiti S.	Mask Detection and Alignment using Deep Learning Model	Lecture Notes in Electrical Engineering	Springer, Singapore	ISSN 1876-1119 Print ISSN 1876-1100
Suchismita Maiti, Sumantra Maiti, Debashis Nandi	Speckle Noise Reduction of In Vivo Ultrasound Image Using Multi-Frame Super-Resolution Through Sparse Representation	Applied Computer Vision and Image Processing	Springer, Singapore	ISBN: 978-981-15-4029-5

Tamasree Biswas, Mousumi Saha, Debpuja Dhar	Impact of Atmospheric Features for COVID-19 Prediction	Computational Advancement in Communication, Circuits and Systems, Proceedings of 3rd ICCACCS 2020	Springer	ISBN: 978-981-16- 4034-6
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CE

Name of Author	Title of Publication	Name of the Book Chapter/ Book	ISSN/ISBN/DOI
Dr. Arpita Mandal	Free vibration analysis of laminated composite plates and shells subjected to concentrated mass at the centre	Recent Advances In Theoretical, Applied, Computational and Experimental Mechanics, Proceedings of ICTACEM 2017, pp.281–289, 2020. DOI 10.1007%2F978-981-15-1189-9.	Web of science
Abhipriya Halder	Final Cover Construction and Slope Stability assesment of Waste Dump-a Case study	IC_SWMD 2018	Web of science

2018-2019

ECE

Name of the Faculty	Title of the book/chapters published	Title of the Book	ISBN/ISSN number of the proceeding	Name of the publisher
Dr. Anilesh Dey	Classifying Recurrent Dynamics on Emotional Speech Signals, Intelligent Speech Signal Processing	Intelligent Speech Signal Processing, Nilanjan Dey, International,	ISBN: 978-0-12-818130-0 April 2019	Academic Press, Copyright © 2019 Elsevier Inc. All rights reserved Elsevier.
Anilesh Dey	Analysis of the Changes in the RR Interval Signals of Smokers (Before and After Smoking) Using Recurrence Analysis and ANN Classification," in Design and Development of Affordable Healthcare Technologies, IGI Global	Design and Development of Affordable Healthcare Technologies, Arindam Bit.	ISBN13: 9781522549697 ISBN10: 1522549692 EISBN13: 9781522549703	International, IGI
Anilesh Dey	"Effect of a Romantic Song on the Autonomic Nervous System and the Heart of Indian Male Volunteers,	Expert System Techniques in Biomedical Science Practice Arindam Bit. International, IGI	ISBN13: 9781522549697 ISBN10: 1522549692 EISBN13: 9781522549703	International, IGI

Piyu Sarcar	A Survey on Different Threats and its Remedial of Wireless Sensor Network	Proceedings of 2ND National Conference on Science, Technology And Communication Skills (NCSTCS 2K19)	ISBN: 978-93-86675-98-9	Ideal International E – Publication Pvt. Ltd.
Sangita Roy	QualNet and Its Application in UMTS Platform	Proceedings of 2ND National Conference on SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NCSTCS 2K19)	ISBN: 978-93-86675-98-9	Ideal International E – Publication Pvt. Ltd.
Sangita Roy	Scalable Networks with UMTS And Its Performance	Proceedings of 2ND National Conference on SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NCSTCS 2K19)	ISBN: 978-93-86675-98-9	Ideal International E – Publication Pvt. Ltd.
Arpita Santra	Ka Band Microstrip Antenna for Space Applications	Proceedings of 2d National Conference on SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NCSTCS 2K19)	ISBN: 978-93-86675-98-9	Ideal International E – Publication Pvt. Ltd.

Puspak Pain	Design of Portable Single Phase Capacitive Discharge Electronic Welding System	Proceedings of 2 ND National Conference on SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NCSTCS 2K19)	ISBN: 978-93-86675-98-9	Ideal International E – Publication Pvt. Ltd.
Dr. Anilesh Dey	Analysis of Heart Rate Variability to Understand the Immediate Effect of Smoking on the Autonomic Nervous System Activity	Computational Advancement in Communication Circuits and Systems Proceedings	ISBN 978-981-13-8686-2	Springer Nature Singapore Pte Ltd. 2020
Dr. Anilesh Dey	Recurrence Quantification Analysis of Electrocardiogram Signals to Recognize the Effect of a Motivational Song on the Cardiac Electrophysiology	Computational Advancement in Communication Circuits and Systems Proceedings	ISBN 978-981-13-8686-2	Springer Nature Singapore Pte Ltd. 2020
Pranab Hazra	Meteorological Parameter Studies During 6 December 2016 Indonesia Earthquake (Mw 6.5)	Computational Advancement in Communication Circuits and Systems Proceedings	ISBN 978-981-13-8686-2	Springer Nature Singapore Pte Ltd. 2020

Dr.Salil Kumar Sanyal	WARP Test Bed Implementation of Lag Order and Data Length-optimized AR Spectrum Estimation Algorithm	Computational Advancement in Communication Circuits and Systems Proceedings	ISBN 978-981-13-8686-2	Springer Nature Singapore Pte Ltd. 2020
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