Scopus

Documents

1)) Pradhan, A., Senapati, M.R., Sahu, P.K. Reduced complexity of biterm topic model on short text (2023) <i>AIP Conference Proceedings</i> , 2745 (1), art. no. 020010, .	
	DOI: 10.1063/5.0132496	
	Department of Information Technology, Veer Surendra Sai University of Technology, Burla, India	
	Correspondence Address Pradhan A.; Department of Information Technology, India; email: animap2011_phdit@vssut.ac.in	
	Publisher: American Institute of Physics Inc.	
	Conference name: 2022 International Conference on on Applied Mechanics, Machine Learning and Advanced Computation, AMMLAC 2022 Conference date: 16 March 2022 through 17 March 2022 Conference code: 190527	
	ISSN: 0094243X	
2)	Mohapatra, S. ^a , Sharp, B. ^a , Sahoo, A.K. ^b , Sahoo, D. ^c Seasonal Weather Sensitivity of Staple Crop Rice in South India (2023) <i>Proceedings of the 2nd International Conference on Water Energy Food and Sustainability, ICoWEFS 2022</i> , pp. 130- 146.	
	DOI: 10.1007/978-3-031-26849-6_15	
	^a Department of Economics, The University of Auckland, Auckland, New Zealand ^b Department of Humanities, Veer Surendra Sai University of Technology Burla, Burla, India ^c School of Humanities Social Sciences and Management, Indian Institute of Technology Bhubaneswar, Bhubaneswar, India	
	Correspondence Address Mohapatra S.; Department of Economics, New Zealand; email: smoh876@aucklanduni.ac.nz	
	Publisher: Springer	
	Conference name: 2nd International Conference on Water Energy Food and Sustainability, ICoWEFS 2022 Conference date: 10 May 2022 through 12 May 2022 Conference code: 313599	
	ISBN: 9783031268489	
3)	Sun, H. ^a , Ng, C. ^b , Huo, Y. ^c , Hu, R.Q. ^d , Wang, N. ^e , Chen, CM. ^f , Vasudevan, K. ^g , Yang, J. ^h , Montlouis, W. ⁱ , Ayanda, D. ^j , Mishra, K.V. ^k , Tekbiyik, K. ¹ , Hussain, N. ^m , Sahoo, H.K. ⁿ , Miao, Y. ^o , Di, B. ^p , Zhang, H. ^p , Demir, O.T. ^q Massive MIMO (2023) <i>Proceedings - 2023 IEEE Future Networks World Forum: Future Networks: Imagining the Network of the Future, FNWF 2023</i> , .	
	DOI: 10.1109/FNWF58287.2023.10520592	
	 ^a University of Wisconsin, Department of Computer Science, Whitewater, United States ^b leee Future Networks Massive Mimo Working Group ^c University of Victoria, Canada ^d Utah State University, United States ^e Zhengzhou University, China ^f AT&T, leee ^g lit, Kanpur, India ^h Verizon Communications Inc., United States 	

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Sponsors: et al.; IEEE Antennas and Propagation Society (APS); IEEE Circuits and Systems Society (CAS); IEEE Communications Society (ComSoc); IEEE Electronics Packaging Society (EPS); IEEE Intelligent Transportation Systems Society (ITSS)

Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 6th IEEE Future Networks World Forum, FNWF 2023 Conference date: 13 November 2023 through 15 November 2023 Conference code: 199497

ISBN: 9798350324587

4) Rath, S.^a , Panigrahi, M.^b , Sheeja, K.L.^a

A DRA Loaded Quad Band MIMO Antenna with CSRR Structure and Metallic Reflectors for Mutual Coupling Reduction

(2023) 3rd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2023 - Proceedings, pp. 1494-1498.

DOI: 10.1109/ICIMIA60377.2023.10425820

^a VSSUT, Department of Electronics and Telecommunication Engineering, Odisha, Burla, India
 ^b Trident Academy of Technology, Department of Electronics and Telecommunication Engineering, Odisha, Bhubaneswar, India

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 3rd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2023 **Conference date:** 21 December 2023 through 23 December 2023 **Conference code:** 198960

ISBN: 9798350343632

5) Swain, B.R., Sharma, A.K.

Frequency Reconfigurable Microstrip Antenna for WLAN/WiFi Wireless Applications (2023) *IEEE Region 10 Humanitarian Technology Conference, R10-HTC*, pp. 348-351.

DOI: 10.1109/R10-HTC57504.2023.10461795

VSSUT, Department of Electronics and Telecommunication Engineering, Burla, India

Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 11th IEEE Region 10 Humanitarian Technology Conference, R10-HTC 2023 Conference date: 16 October 2023 through 18 October 2023 Conference code: 198245

ISSN: 25727621 ISBN: 9798350326147

6) Mahapatra, A.^a, Mishra, K.^b, Majhi, S.K.^a, Pradhan, R.^a Blockchain in Evolving Computing Paradigms: A Beginner's Guide for Review and Future Directions (2023) IEEE Region 10 Humanitarian Technology Conference, R10-HTC, pp. 595-602.

DOI: 10.1109/R10-HTC57504.2023.10461800

^a Veer Surendra Sai University of Technology, Department of Computer Science and Engineering, Odisha, Burla, India

^b GITAM Deemed to be University, Department of Computer Science and Engineering, Andhra Pradesh, Visakhapatnam, India

Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 11th IEEE Region 10 Humanitarian Technology Conference, R10-HTC 2023 Conference date: 16 October 2023 through 18 October 2023 Conference code: 198245

ISSN: 25727621 ISBN: 9798350326147

7) Kanimozhi, T., Lalitha, S.K.
 A Compact Filtenna for Ku -Band Application

 (2023) 2023 IEEE 7th Conference on Information and Communication Technology, CICT 2023, .

DOI: 10.1109/CICT59886.2023.10455510

Veer Surendra Sai University of Technology, Electronics and Telecommunication Engineering, Odisha, India

Correspondence Address Kanimozhi T.; Veer Surendra Sai University of Technology, Odisha, India; email: tkani551@gmail.com

Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 7th IEEE Conference on Information and Communication Technology, CICT 2023 Conference date: 15 December 2023 through 17 December 2023 Conference code: 197837

ISBN: 9798350305173

⁸⁾ Prusty, S.^a, Panda, R.^a, Dora, L.^b, Agrawal, S.^a
 Brain Tumor Segmentation/Detection using Transfer Learning with VGG19

 (2023) 2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023, .

DOI: 10.1109/ICDSAAI59313.2023.10452528

^a VSSUT, Burla, Dept. of Etc, Sambalpur, India ^b VSSUT, Burla, Dept. of Eee, Sambalpur, India

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023 **Conference date:** 21 December 2023 through 23 December 2023 **Conference code:** 197827

ISBN: 9798350348910

9) Patra, R., Mahapatro, A.

Optimum Training Power Derivation for Affine Precoding and Decoding based CDMA-FBMC/OQAM System (2023) 2023 IEEE 20th India Council International Conference, INDICON 2023, pp. 549-554.

DOI: 10.1109/INDICON59947.2023.10440859

Vssut, Department of Electronics and Telecommunication Engineering, Odisha, Burla, 768018, India

Correspondence Address

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 20th IEEE India Council International Conference, INDICON 2023 Conference date: 14 December 2023 through 17 December 2023 Conference code: 197663

ISBN: 9798350305593

ο	n
Ο	υ

, 0.02	
10)	Mishra, A. ^a , Meher, S.K. ^a , Behera, H.S. ^a , Mohapatra, D.P. ^b Context Sensitive Dynamic Slicing of Multi-Agent System (2023) <i>2023 IEEE 20th India Council International Conference, INDICON 2023</i> , pp. 1330-1335.
	DOI: 10.1109/INDICON59947.2023.10440680
	^a Veer Surendra Sai University of Technology, Department of Computer Science and Engineering, India ^b National Institute of Technology, Department of Computer Science and Engineering, India
	Correspondence Address Mishra A.; Veer Surendra Sai University of Technology, India; email: alinamishra88@gmail.com
	Publisher: Institute of Electrical and Electronics Engineers Inc.
	Conference name: 20th IEEE India Council International Conference, INDICON 2023 Conference date: 14 December 2023 through 17 December 2023 Conference code: 197663
	ISBN: 9798350305593
11)	Swain, A. ^a , Panda, S.K. ^b , Sathua, S.K. ^a An Efficient Physiological Record System Using Osmotic Computing Paradigm (2023) <i>2023 IEEE 20th India Council International Conference, INDICON 2023</i> , pp. 1030-1035. Cited 3 times.
	DOI: 10.1109/INDICON59947.2023.10440949
	 ^a Veer Surendra Sai University of Technology Burla, Department of Information Technology, Burla, 768018, India ^b National Institute of Technology Warangal, Department of Computer Science and Engineering, Warangal, 506004, India
	Correspondence Address Swain A.; Veer Surendra Sai University of Technology Burla, India; email: abhipsaswain987@gmail.com
	Publisher: Institute of Electrical and Electronics Engineers Inc.
	Conference name: 20th IEEE India Council International Conference, INDICON 2023 Conference date: 14 December 2023 through 17 December 2023 Conference code: 197663
	ISBN: 9798350305593
12)	Rath, S., Panigrahi, S. Healthcare Insurance Fraud Prediction with Correlation based Forward Feature Selection (2023) 2023 2nd International Conference on Ambient Intelligence in Health Care, ICAIHC 2023, .
	DOI: 10.1109/ICAIHC59020.2023.10431444
	Veer Surendra Sai University of Technology, Dept. of Computer Science and Engineering, Burla, India
	Publisher: Institute of Electrical and Electronics Engineers Inc.
	Conference name: 2nd International Conference on Ambient Intelligence in Health Care, ICAIHC 2023 Conference date: 17 November 2023 through 18 November 2023 Conference code: 197360
	ISBN: 9798350344882
13)	Mishra, A.P., Panigrahi, S. Efficient Diagnosis of Coronary Artery Disease: A Hybrid Convolutional-XGBoost Approach (2023) 2023 2nd International Conference on Ambient Intelligence in Health Care, ICAIHC 2023, .
	DOI: 10.1109/ICAIHC59020.2023.10431403
	Veer Surendra Sai University of Technology, Dept. of Computer Science & Engineering, Burla, India
	Publisher: Institute of Electrical and Electronics Engineers Inc.
	Conference name: 2nd International Conference on Ambient Intelligence in Health Care, ICAIHC 2023

ISBN: 9798350344882

Conference code: 197360

14) Sahoo, S.^a , Sahoo, S.P.^a , Barik, R.C.^b , Kabat, M.R.^a

Conference date: 17 November 2023 through 18 November 2023

A Fault-tolerant technique for future Social IoV using Evolutionary computation based Whale Optimization Model (2023) OCIT 2023 - 21st International Conference on Information Technology, Proceedings, pp. 334-339.

DOI: 10.1109/OCIT59427.2023.10430574

^a Veer Surendra Sai University of Technology, Computer Science and Engineering, Burla, Sambalpur, India ^b C. V. Raman Global University, Computer Science and Engineering, Bhubaneswar, India

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 21st OITS International Conference on Information Technology, OCIT 2023 **Conference date:** 13 December 2023 through 15 December 2023 **Conference code:** 197426

ISBN: 9798350358230

¹⁵⁾ Babu, M.K.^a, Ray, P.^a, Biswal, M.^b
 Optimal Design of an Islanded AC-DC Microgrid using HOMER Pro (2023) 2023 IEEE 3rd International Conference on Smart Technologies for Power, Energy and Control, STPEC 2023, .

DOI: 10.1109/STPEC59253.2023.10431276

^a Veer Surendra Sai University of Technology, Dept. of Electrical Engineering, Burla, Sambalpur, India ^b National Institute of Technology, Dept. of Electrical Engineering, Chhatishgarh, Raipur, India

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Sponsors: IEEE Industry Applications Society (IAS); IEEE Power Electronics Society (PELS) **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Conference name: 3rd IEEE International Conference on Smart Technologies for Power, Energy and Control, STPEC 2023 **Conference date:** 10 December 2023 through 13 December 2023 **Conference code:** 197427

ISBN: 9798350304732

16) Mondal, S., Pradhan, R.

A Relative Investigation on Different Parameter Extraction Schemes for a Solar Photovoltaic Panel (2023) 2023 IEEE 3rd International Conference on Smart Technologies for Power, Energy and Control, STPEC 2023, .

DOI: 10.1109/STPEC59253.2023.10431316

Vssut Burla, Department of Ee, Odisha, Sambalpur, India

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Sponsors: IEEE Industry Applications Society (IAS); IEEE Power Electronics Society (PELS) **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Conference name: 3rd IEEE International Conference on Smart Technologies for Power, Energy and Control, STPEC 2023 **Conference date:** 10 December 2023 through 13 December 2023 **Conference code:** 197427

ISBN: 9798350304732

5:02	
	nra, A. ^a , Senapati, H. ^a , Behera, H.S. ^a , Mohapatra, D.P. ^b
	amic Slicing Algorithm for FeatureC++ Programs (3) 4th International Conference on Communication, Computing and Industry 6.0, C216 2023, .
(202	s) 4th memational Conference on Communication, Computing and Industry 6.0, C216 2023, .
DOI	: 10.1109/C2I659362.2023.10431250
^a De	epartment of CSE, VSSUT, Burla, India
	partment of CSE, NIT, Rourkela, India
Pub	lisher: Institute of Electrical and Electronics Engineers Inc.
Con	ference name: 4th International Conference on Communication, Computing and Industry 6.0, C216 2023
Con	ference date: 15 December 2023 through 16 December 2023 ference code: 197424
ISBI	N: 9798350327328
18) -	Tripathy, S., Konhar, D., Behera, A.
Í	Perturbed Pentagon Patch MIMO Antenna for 5G Sub-6 GHz Operation (2023) 2023 IEEE 3rd International Conference on Applied Electromagnetics, Signal Processing, and Communication, AESPC 2023, .
I	DOI: 10.1109/AESPC59761.2023.10390263
,	Vssut, Dept. of ETC, Burla, India
	Publisher: Institute of Electrical and Electronics Engineers Inc.
	Conference name: 3rd IEEE International Conference on Applied Electromagnetics, Signal Processing, and Communication, AESPC 2023
	Conference date: 24 November 2023 through 26 November 2023
	Conference code: 196836
I	ISBN: 9798350358742
19) \$	Sethi, S.K., Mahapatro, A.
	Analysis and Implementation of Markov Chain-Based Model for Spectrum Defragmentation in Cognitive Radio-
	Enabled IoT Networks in 5G (2023) iQ-CCHESS 2023 - 2023 IEEE International Conference on Quantum Technologies, Communications, Computi
	Hardware and Embedded Systems Security, . Cited 2 times.
1	DOI: 10.1109/iQ-CCHESS56596.2023.10391352
	Veer Surendra Sai University of Technology, Dept. of Electronics and Telecommunication Engineering, Burla, India
	Correspondence Address Sethi S.K.; Veer Surendra Sai University of Technology, India; email: subrat.sethi@gmail.com
	Publisher: Institute of Electrical and Electronics Engineers Inc.
	- -
	Conference name: 2023 IEEE International Conference on Quantum Technologies, Communications, Computing, Hardware and Embedded Systems Security, iQ-CCHESS 2023
	Conference date: 15 September 2023 through 16 September 2023
(Conference code: 196773
	ISBN: 9798350314946
20) \$	Sa, S., Mahapatro, A.
İ	Identifier-Based Rendezvous Scheme for Asynchronous Cognitive Radio Wireless Networks (2023) IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023, . C
I	DOI: 10.1109/ELEXCOM58812.2023.10370387
,	VSSUT, Burla, Dept. of Electronics and Telecomm. Engg., Sambalpur, India
	· · · ·
	Property of all IEEE Dearly as Subsection, Indian Institute of Technology, Deculary (UT), (NO-oblighted), 111
	Sponsors: et al.; IEEE Roorkee Subsection; Indian Institute of Technology Roorkee (IIT); iNSerb India; Keysight Technologies; Rohde and Schwarz

82

	Conference name: 2023 IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023		
Co	Conference date: 26 August 2023 through 27 August 2023 Conference code: 196101		
ISE	BN: 9798350305111		
21)	Seth, L. ^a , Pradhan, R. ^a , Sahoo, H.K. ^b Harmonic Stability Analysis of a Microgrid Power System Using Different Controllers (2023) <i>Proceedings of the 2023 International Conference on Emerging Techniques in Computational Intelligence, ICETCI</i> <i>2023</i> , pp. 193-198.		
	DOI: 10.1109/ICETCI58599.2023.10331255		
	^a VSSUT, Burla, Dept. of EE, Sambalpur, India ^b VSSUT, Burla, Dept. of ETC, Sambalpur, India		
	Sponsors: Mahindra University with Technical Publisher: Institute of Electrical and Electronics Engineers Inc.		
	Conference name: 3rd International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2023 Conference date: 21 September 2023 through 23 September 2023 Conference code: 195067		
	ISBN: 9798350300604		
22)	Das, A. ^a , Sethy, P.K. ^b , Sahu, R. ^c , Behera, S.K. ^d , Biswal, A. ^c , Panigrahi, M.K. ^a , Bariha, P.K. ^e Nerve Segmentation Using Multi-scale Attention Mechanism-U-Net (2023) <i>Lecture Notes in Networks and Systems</i> , 782 LNNS, pp. 11-18.		
	DOI: 10.1007/978-981-99-6568-7_2		
	 ^a Department of Computer Science and Engineering, SUIIT, Sambalpur University, Sambalpur, 768019, India ^b Department of Electronics, Sambalpur University, Sambalpur, 768019, India ^c Department of Electronic Communication, SUIIT, Sambalpur University, Sambalpur, 768019, India ^d Department of Computer Science Engineering, VSSUT, Burla, 768018, India ^e Department of Medicine, Veer Surendra Sai Institute of Medical Sciences and Research, Burla, 768019, India 		
	Correspondence Address Das A.; Department of Computer Science and Engineering, India; email: dasa7753912@gmail.com		
	Publisher: Springer Science and Business Media Deutschland GmbH		
	Conference name: 8th International Conference on ICT for Sustainable Development, ICT4SD 2023 Conference date: 3 August 2023 through 4 August 2023 Conference code: 301599		
	ISSN: 23673370 ISBN: 9789819965670		
23)	Sarangi, T., Mohanty, P. Performance Analysis of DC Microgrid With Multiple Renewable Energy Sources And Energy Storage System (2023) 2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023, .		
	DOI: 10.1109/ICCCNT56998.2023.10307471		
	Vssut, Dept. of Electrical Engineering, Burla, India		
	Correspondence Address Sarangi T.; Vssut, India; email: tanman.sarangi.001@gmil.com		
	Publisher: Institute of Electrical and Electronics Engineers Inc.		
	Conference name: 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023 Conference date: 6 July 2023 through 8 July 2023		

24) Satpathy, A.P., Hota, P.K. Simulation and analysis of active power filters for power quality improvement in a distribution system (2023) 2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023, .

DOI: 10.1109/ICCCNT56998.2023.10307653

Vssut, Dept. of Electrical Engineering, Burla, India

Correspondence Address

Satpathy A.P.; Vssut, India; email: anwesha4077@gmil.com

Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023 Conference date: 6 July 2023 through 8 July 2023 Conference code: 194774

ISBN: 9798350335095

²⁵⁾ Sahoo, A.B.^a, Singh, N.^b, Mangaraj, B.B.^c
 Design of an Arc-Shaped Slot Circular Patch Antenna for 5G Applications
 (2023) 2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023, . Cited 1 time.

DOI: 10.1109/CCPIS59145.2023.10291475

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Sponsors: Code Beat; et al.; Ingeneious-TechWorld; Jindal India; Odisha Power Transmission Corporation Limited (OPTCL); Power Research and Development Consultants Private Limited (PRDC) **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Conference name: 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023 **Conference date:** 1 September 2023 through 3 September 2023 **Conference code:** 193992

ISBN: 9798350315769

26) Mohanty, S., Senapati, M.R.

Fracture detection from X-ray images using different Machine Learning Techniques (2023) 2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023, . Cited 2 times.

DOI: 10.1109/CCPIS59145.2023.10291652

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Sponsors: Code Beat; et al.; Ingeneious-TechWorld; Jindal India; Odisha Power Transmission Corporation Limited (OPTCL); Power Research and Development Consultants Private Limited (PRDC) **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Conference name: 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023 Conference date: 1 September 2023 through 3 September 2023 Conference code: 193992

ISBN: 9798350315769

²⁷⁾ Naik, N.K.^a, Sethy, P.K.^a, Panigrahi, M.^b, Behera, S.K.^c
 Support Vector Machine Classifier for Wheat Grain Identification Based on Grid Search Optimization Technique (2023) Lecture Notes in Networks and Systems, 765 LNNS, pp. 237-245.

85

5,	5:02 PM	Scopus - Print - 132 (January 2025)	
	DOI: 10.1007/978-981-99-5652-4_22		
	^a Department of Electronics, Sambalpur University, Burla, 768019, India ^b Department of ECE, Trident Academy of Technology, Bhubaneswar, 751014, India ^c Department of CSE, VSSUT, Burla, 768018, India		
	Correspondence Address Sethy P.K.; Department of Electronics, India; email: prabirsethy.05@gmail.com		
	Publisher: Springer Science and Business Media Deutsc	hland GmbH	
	Conference name: 8th International Conference on ICT for Sustainable Development, ICT4SD 2023 Conference date: 3 August 2023 through 4 August 2023 Conference code: 301599		
	ISSN: 23673370 ISBN: 9789819956517		
	 28) Dash, S.^a , Sahu, P.K.^a , Mishra, D.^b ELM-MFO: A New Nature-Inspired Predictive Mode (2023) Lecture Notes in Networks and Systems, 537 L 	el for Financial Contagion Modeling of Indian Currency Market NNS, pp. 511-525.	
	DOI: 10.1007/978-981-99-3010-4_43		
		ra Sai University of Technology, Odisha, Sambalpur, Burla, India ksha 'O' Anusandhan (Deemed to Be) University, Odisha,	
	Correspondence Address Mishra D.; Department of Computer Science & Engine	eering, Odisha, India; email: debahutimishra@soa.ac.in	
	Publisher: Springer Science and Business Media De	utschland GmbH	
	Conference name: 6th International Conference on In Conference date: 17 February 2023 through 18 Febr Conference code: 298729	nnovative Computing and Communication, ICICC 2023 uary 2023	
	ISSN: 23673370 ISBN: 9789819930098		
	29) Patra, A. ^a , Barpanda, N.K. ^a , Sethy, P.K. ^a , Das, A. ^b , Breast Cancer Cell Segmentation Using Attention (2023) Proceedings - 2023 IEEE World Conference of		
	DOI: 10.1109/AIC57670.2023.10263863		
	^a Sambalpur University, Department of Electronics, Bu ^b Sambalpur Univrsity Institute of Information Technolo ^c Veer Surendra Sai University of Technology, Departr	ogy, Department of Computer Science, Burla, India	
	Sponsors: IEEE Madhya Pradesh Section Publisher: Institute of Electrical and Electronics Engir	neers Inc.	
	Conference name: 2023 IEEE World Conference on Conference date: 29 July 2023 through 30 July 2023 Conference code: 193131		
	ISBN: 9798350310061		
	Order Proportional Integral - (1+PDF) Controller	6. ated Microgrid System Using Pelican Optimizer Based Fractional In Applied Intelligence and Computing, AIC 2023, pp. 19-25.	
DOI: 10.1109/AIC57670.2023.10263861			
	Veer Surendra Sai University of Technology, Dent. of I	Electrical and Electronics Engal Sembolaur India	

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Sponsors: IEEE Madhya Pradesh Section

Scopus - Print - 132 (January 2025) Publisher: Institute of Electrical and Electronics Engineers Inc. Conference name: 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023 Conference date: 29 July 2023 through 30 July 2023 Conference code: 193131 ISBN: 9798350310061 31) Panda, S., Pradhan, R., Pati, B.B. A Metaheuristic Technique Based MPPT for An Off-grid Photovoltaic Based Microgrid System (2023) 2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023, . DOI: 10.1109/SeFeT57834.2023.10245399 VSSUT, Burla, Dept. of Ee, Sambalpur, India **Correspondence Address** Pradhan R.; VSSUT, India; email: rase1512@gmail.com Sponsors: IEEE Industry Applicattions Society (IAS); RT 23 Publisher: Institute of Electrical and Electronics Engineers Inc. Conference name: 3rd IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023 Conference date: 9 August 2023 through 12 August 2023 Conference code: 192712 ISBN: 9798350319972 ³²⁾ Patra, A.K.^a, Agrawal, R.^b, Debnath, M.K.^a, Rout, B.^c, Mishra, A.K.^a, Patra, V.L.^d Vehicle Suspension Control Using LQR Technique (2023) 2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023, . Cited 1 time. DOI: 10.1109/SeFeT57834.2023.10245714 ^a ITER, s'O'a University, Dept. of Eee, Odisha, India ^b Iter, S'O'a University, Dept. of Ee, Odisha, India ^c Vssut, Dept. of Ee, Odisha, Burla, India ^d Iter, S'O'a University, Dept. of Cse, Odisha, India Sponsors: IEEE Industry Applicattions Society (IAS); RT 23 Publisher: Institute of Electrical and Electronics Engineers Inc. Conference name: 3rd IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023 Conference date: 9 August 2023 through 12 August 2023 Conference code: 192712 ISBN: 9798350319972 33) Majhi, A.A.K.^a, Singh, M.^b, Ray, P.^a Intelligent Overcurrent and Distance Relay Coordination in Power Networks (2023) 2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023, . Cited 1 time. DOI: 10.1109/SeFeT57834.2023.10245830 ^a Veer Surendra Sai University of Technology, Department of Electrical Engineering, Burla, Sambalpur, India ^b Punjab Engineering College, Deemed University Chandigarh, Department of Electrical Engineering, India **Correspondence Address** Ray P.; Veer Surendra Sai University of Technology, Burla, India; email: papiaray_ee@vssut.ac.in Sponsors: IEEE Industry Applicattions Society (IAS); RT 23 Publisher: Institute of Electrical and Electronics Engineers Inc. Conference name: 3rd IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023
Conference date: 9 August 2023 through 12 August 2023
Conference code: 192712
ISBN: 9798350319972
34) Ray, P.^a , Nayak, S.^a , Salkuti, S.R.^b
Renewable Energy Based Off-Grid Electric Vehicle Charging Station
(2023) 2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023, . Cited 3 times.
DOI: 10.1109/SeFeT57834.2023.10245693

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Sponsors: IEEE Industry Applicattions Society (IAS); RT 23 **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Conference name: 3rd IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023 Conference date: 9 August 2023 through 12 August 2023 Conference code: 192712

ISBN: 9798350319972

³⁵⁾ Patra, A.K.^a, Panigrahi, G.S.^b, Patra, V.L.^c, Mishra, A.K.^a, Debnath, M.K.^b, Rout, B.^d
 Optimal BG Regulation in TIDM Patient Based on Adaptive Control Algorithm
 (2023) 2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023, . Cited 2 times.

DOI: 10.1109/SeFeT57834.2023.10245586

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Sponsors: IEEE Industry Applicattions Society (IAS); RT 23 **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Conference name: 3rd IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023 Conference date: 9 August 2023 through 12 August 2023 Conference code: 192712

ISBN: 9798350319972

³⁶⁾ Patra, A.K.^a, Nahak, N.^b, Rout, B.^c, Nanda, A.^a, Mishra, A.K.^b, Debnath, M.K.^a Design of Remora Optimized FOPID Controller (RO-FOPIDC) for Balancing an Inverted Pendulum (IP) (2023) 2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023, .

DOI: 10.1109/SeFeT57834.2023.10245770

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Conference name: 3rd IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023 **Conference date:** 9 August 2023 through 12 August 2023

Conference date: 9 August 2023 through 12 August 202 Conference code: 192712

ISBN: 9798350319972

³⁷⁾ Sahu, A.^a, Das, P.K.^e, Meher, S.^a, Panda, R.^b, Abraham, A.^{c d}
An Efficient Deep Learning-Based Breast Cancer Detection Scheme with Small Datasets (2023) *Lecture Notes in Networks and Systems*, 717 LNNS, pp. 39-48. Cited 7 times.
DOI: 10.1007/978-3-031-35510-3 5

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 22nd International Conference on Intelligent Systems Design and Applications, ISDA 2022 **Conference date:** 12 December 2022 through 14 December 2022 **Conference code:** 295899

ISSN: 23673370 ISBN: 9783031355097

 ³⁸⁾ Sagufta, R.^a, Patidar, N.P.^a, Panda, S.^b, Rathore, A.^c
 V2G and G2V Operation of a Bidirectional Battery Charger for EV (2023) 2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023, .

DOI: 10.1109/RESEM57584.2023.10236227

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Conference name: 2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023 Conference date: 17 May 2023 through 18 May 2023 Conference code: 192442

ISBN: 9798350311327

39) Panda, M.

Application of ACO and Its Variants for Optimized Routing of Mobile Robots (2023) *Lecture Notes in Networks and Systems*, 720 LNNS, pp. 351-365.

DOI: 10.1007/978-981-99-3761-5_33

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 7th International Conference on Information and Communication Technology for Intelligent Systems, ICTIS 2023

Conference date: 27 April 2023 through 28 April 2023 Conference code: 300129

ISSN: 23673370 ISBN: 9789819937608

1/3/25,	:02 PM	Scopus - Print - 132 (January 2025)			
	Kumari, A., Nayak, A.N. Ionlinear Finite Element Analysis of GFRP Fal 2023) <i>Lecture Notes in Civil Engineering</i> , 319 LN	prics Strengthened RC Deep Beams Using ABAQUS CE, pp. 13-23.			
	OI: 10.1007/978-981-19-9394-7_2				
	epartment of Civil Engineering, Veer Surendra S	ai University of Technology, Sambalpur, Burla, 768018, India			
	Correspondence Address Cumari A.; Department of Civil Engineering, Samb	alpur, India; email: archanakumaripadhi@gmail.com			
	Publisher: Springer Science and Business Media	Deutschland GmbH			
	Conference name: Proceedings of the Indian Structure Conference date: 25 March 2020 through 27 Mar Conference code: 299559	uctural Steel Conference 2020 (Vol. 1) - ISSC 2020 rch 2020			
	ISSN: 23662557 ISBN: 9789811993930				
		pathi, D. ^a , Ramesh Chandra Prusty, K. ^b , Naidu, K. ^c and Power System Using Ant Colony Optimization Technique Enhanced			
	(2023) Lecture Notes in Networks and System	s, 727 LNNS, pp. 505-514. Cited 1 time.			
	DOI: 10.1007/978-981-99-3878-0_43				
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	^b VSS University of Technology, Odisha, Burla ^c College of Engineering, Universiti Teknologi	, India MARA (UiTM), Selangor, Shah Alam, Malaysia			
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		ge, Tamilnadu, India; email: satheesh2811@gmail.com			
	Publisher: Springer Science and Business Media Deutschland GmbH				
	Conference name: International Conference on Data Analytics and Insights, ICDAI 2023 Conference date: 11 May 2023 through 13 May 2023 Conference code: 298739				
	ISSN: 23673370 ISBN: 9789819938773				
	2) Panigrahi, A.K. ^a , Sahu, R.K. ^a , Gorripotu, T.S. Application of Modified Differential Evolution (2023) Lecture Notes in Networks and System	on Technique for Automatic Generation Control Problem			
	DOI: 10.1007/978-981-99-3734-9_50				
		jineering, Veer Surendra Sai University of Technology (VSSUT), Odisha,			
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	Publisher: Springer Science and Business Mo	edia Deutschland GmbH			
	Conference name: 5th International Conferer Conference date: 27 May 2023 through 28 M Conference code: 299869	nce on Computational Intelligence in Pattern Recognition, CIPR 2023 ay 2023			
	ISSN: 23673370 ISBN: 9789819937332				
	 Dash, P.B., Behera, H.S., Senapati, M.R. An Improved Intrusion Detection System for Network (2023) Lecture Notes in Networks and System 	or the Internet of Medical Things Based on Deep Convolutional Neural as, 725 LNNS, pp. 517-528.			
	DOI: 10.1007/978-981-99-3734-9_42				

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 5th International Conference on Computational Intelligence in Pattern Recognition, CIPR 2023 Conference date: 27 May 2023 through 28 May 2023 Conference code: 299869

ISSN: 23673370 ISBN: 9789819937332

44) Bhoi, G., Naik, B., Oram, E. Enhancing IoT Network Security with Light Gradient Boosting Machine and Gravitational Interaction Optimization for Malicious Access Detection

(2023) Lecture Notes in Networks and Systems, 725 LNNS, pp. 641-651.

DOI: 10.1007/978-981-99-3734-9_52

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 5th International Conference on Computational Intelligence in Pattern Recognition, CIPR 2023 Conference date: 27 May 2023 through 28 May 2023 Conference code: 299869

ISSN: 23673370 ISBN: 9789819937332

 45) Dash, A.^a, Naik, K.^b, Subudhi, S.^c
 Digital Watermarking Using Visual Cryptography (2023) Lecture Notes in Networks and Systems, 725 LNNS, pp. 49-62.

DOI: 10.1007/978-981-99-3734-9_5

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 5th International Conference on Computational Intelligence in Pattern Recognition, CIPR 2023 Conference date: 27 May 2023 through 28 May 2023 Conference code: 299869

ISSN: 23673370 ISBN: 9789819937332

46) Sangeeta, K., Kisan, S.

Brightness Preserving Medical Image Contrast Enhancement Using Entropy-Based Thresholding and Adaptive Gamma Correction with Weighted Distribution

(2023) Lecture Notes in Mechanical Engineering, pp. 561-579.

DOI: 10.1007/978-981-99-1665-8_48

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Publisher: Springer Science and Business Media Deutschland GmbH		
Conference name: 4th International Conference on Innovative Product Design and Intelligent Manufacturing System, IPDIMS 2022		
Conference date: 25 November 2022 through 26 November 2022 Conference code: 297319		
ISSN: 21954356 ISBN: 9789819916641		
 47) Shial, I., Samal, R.K., Bhuyan, C. Generation Scheduling of Grid Connected Microgrid using GAMS (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 481-4 	186.	
DOI: 10.1109/APSIT58554.2023.10201791		
Veer Surendra Sai University of Technology, Dept. of Electrical Engineering, Burla, India		
Publisher: Institute of Electrical and Electronics Engineers Inc.		
Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 20 Conference date: 9 June 2023 through 11 June 2023 Conference code: 191494	23	
ISBN: 9798350339369		
 ⁴⁸⁾ Panigrahi, G.S.^a, Nanda, A.^b, Patra, A.K.^b, Rout, B.^a, Mishra, A.K.^b, Patra, V.L.^c Vehicle Suspension System based on Adaptive Control Algorithm (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 156-1 	161.	
DOI: 10.1109/APSIT58554.2023.10201779		
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Publisher: Institute of Electrical and Electronics Engineers Inc.		
Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 20 Conference date: 9 June 2023 through 11 June 2023 Conference code: 191494	23	
ISBN: 9798350339369		
 49) Gantayat, A.^a , Behera, S.^a , Pradhan, J.K.^a , Naik, A.^b Design and Implementation of Fractional Proportional-Integral Control For Hybrid Solar and Wind System (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 780-7 	785.	
DOI: 10.1109/APSIT58554.2023.10201766		
^a Vssut, Dept. of Electrical & Electronics Engg., Burla, Sambalpur, India ^b Iter, Soa University, Dept. of Electrical Engg., Odisha, Bhubaneswar, India		
Publisher: Institute of Electrical and Electronics Engineers Inc.		
Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 20 Conference date: 9 June 2023 through 11 June 2023 Conference code: 191494	23	
ISBN: 9798350339369		
 ⁵⁰⁾ Pudari, M.^a, Arya, S.R.^a, Ray, P.^b Parameter Estimation of IFOC-IMD using DEKF with Optimized Covariance Matrices (2023) 5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023, . 		

DOI: 10.1109/ICEPE57949.2023.10201551

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 5th International Conference on Energy, Power, and Environment, ICEPE 2023 Conference date: 15 June 2023 through 17 June 2023 Conference code: 191493

ISBN: 9798350313123

51) Panda, S.K., Ray, P.
 A Survey on Weather Prediction using Big Data and Machine Learning Techniques

 (2023) 5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023, . Cited 2 times.

DOI: 10.1109/ICEPE57949.2023.10201614

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 5th International Conference on Energy, Power, and Environment, ICEPE 2023 **Conference date:** 15 June 2023 through 17 June 2023 **Conference code:** 191493

ISBN: 9798350313123

52) Patra, A.K.^a, Panigrahi, G.S.^b, Patra, V.L.^c, Mishra, A.K.^d, Nahak, N.^a, Rout, B.^e
 Adaptive Control with Disturbance Modelling for BG Regulation in TIDM Patient
 (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 583-587. Cited 2 times.

DOI: 10.1109/APSIT58554.2023.10201660

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023 **Conference date:** 9 June 2023 through 11 June 2023 **Conference code:** 191494

ISBN: 9798350339369

53) Behera, A.^a, Mishra, S.^a, Nayak, P.C.^a, Prusty, R.C.^a, Sahu, B.K.^b Coordinated frequency regulation of microgrid system using TLBO based FOPID and ESS devices (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 263-267.

DOI: 10.1109/APSIT58554.2023.10201724

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023 **Conference date:** 9 June 2023 through 11 June 2023 **Conference code:** 191494

ISBN: 9798350339369

⁵⁴) Mishra, D.^a, Nayak, P.C.^a, Prusty, R.C.^a, Sahu, B.K.^b
 Design of bald eagle search optimised cascaded PI-FOPID controller for frequency regulation of islanded microgrid system
 (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APS/T 2023, pp. 350.

(2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 359-363. Cited 1 time.

DOI: 10.1109/APSIT58554.2023.10201700

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023 **Conference date:** 9 June 2023 through 11 June 2023 **Conference code:** 191494

ISBN: 9798350339369

⁵⁵⁾ Jena, B.^a, Naik, M.K.^b, Panda, R.^c

A novel Kaniadakis entropy-based multilevel thresholding using energy curve and Black Widow optimization algorithm with Gaussian mutation

(2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 86-91. Cited 1 time.

DOI: 10.1109/APSIT58554.2023.10201718

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023 **Conference date:** 9 June 2023 through 11 June 2023 **Conference code:** 191494

ISBN: 9798350339369

⁵⁶⁾ Sahu, P.C.^a, Routray, A.^b, Jena, S.^a, Panda, S.^c, Prusty, R.C.^c, Sahu, B.K.^d Role of IPFC and SMES for Stability improvement of a Power system with type-2 fuzzy controller (2023) 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023, pp. 307-312. Cited 1 time.

DOI: 10.1109/APSIT58554.2023.10201717

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Conference name: 2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023 **Conference date:** 9 June 2023 through 11 June 2023 **Conference code:** 191494

ISBN: 9798350339369

57) Mohanty, R.K., Sahoo, S.P., Kabat, M.R. A Network Reliability based Secure Routing Protocol (NRSRP) for Secure Transmission in Wireless Body Area Network (2023) Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023, pp. 663-

DOI: 10.1109/ICCES57224.2023.10192691

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668. Cited 3 times.

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 8th International Conference on Communication and Electronics Systems, ICCES 2023 **Conference date:** 1 June 2023 through 3 June 2023 **Conference code:** 191286

ISBN: 9798350396638

⁵⁸⁾ Patra, A.^a, Behera, S.K.^b, Kanta Barpanda, N.^a, Sethy, P.K.^a Automated Breast Density Assessment using Image Processing Techniques (2023) 2023 4th International Conference for Emerging Technology, INCET 2023, .

DOI: 10.1109/INCET57972.2023.10170483

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 4th International Conference for Emerging Technology, INCET 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190624

ISBN: 9798350335750

59) Agrawal, N., Panigrahi, S.

A Comparative Analysis of Fraud Detection in Healthcare using Data Balancing & Machine Learning Techniques (2023) 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023, . Cited 3 times.

DOI: 10.1109/IC3S57698.2023.10169634

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Conference name: 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023 **Conference date:** 26 May 2023 through 28 May 2023 **Conference code:** 190535

ISBN: 9798350325904

⁶⁰⁾ Behera, D.^a, Mishra, D.^a, Behera, S.K.^b, Pandav, S.^b, Gorai, A.^c, Mohapatra, S.K.^a
 A Frequency and Pattern Reconfigurable Planar Antenna for IoT Applications
 (2023) 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023, . Cited 1 time.

DOI: 10.1109/IC3S57698.2023.10169816

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Publisher: Institute of Electrical and Electronics Engineers Inc.			
Conference name: 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190535			
ISBN: 9798350325904			
⁶¹⁾ Mishra, S.K. ^a , Patel, A. ^a , Sahoo, A.R. ^a , Kumar Jena, N. ^a , Padhan, M. ^a , Kumar, K.P. ^a , Kumar Padhi, R. ^a , Dora, L. ^a , Agrawal, S. ^b , Panda, R. ^b Heart Failure Detection Using Deep Neural Network (2023) 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023, . Cited 1 time.			
DOI: 10.1109/IC3S57698.2023.10169440			
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Publisher: Institute of Electrical and Electronics Engineers Inc.			
Conference name: 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190535			
ISBN: 9798350325904			
 62) Amat, R.^a, Sethy, P.K.^a, Behera, S.K.^b, Mallick, S.^c Statistical Selection of CNN Models for Citrus Fruit Disease Prediction (2023) International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings, pp. 490-494 			
DOI: 10.1109/ICSCSS57650.2023.10169343			
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Correspondence Address Amat R.; Sambalpur University, India; email: amatrajat4@gmail.com			
Publisher: Institute of Electrical and Electronics Engineers Inc.			
Conference name: 2023 International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 Conference date: 14 June 2023 through 16 June 2023 Conference code: 190536			
ISBN: 9798350333602			
63) Sahu, R., Pradhan, H., Mahapatra, R., Mangaraj, B.B. Cross shaped DGS based Compact Wide band Rectangular Dielectric Resonator antenna for X-Band communication (2023) 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023, .			
DOI: 10.1109/IC3S57698.2023.10169267			
Vss University of Technology, Dept. of Electronics & Telecomm. Engg, Odisha, Burla, India			
Correspondence Address Sahu R.; Vss University of Technology, Odisha, India; email: rsahu_etc@vssut.ac.in			
Publisher: Institute of Electrical and Electronics Engineers Inc.			
Conference name: 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190535			

ISBN: 9798350325904

64) Nayak, T., Bhoi, N. Improved Self-Sparse Fuzzy Clustering Algorithm for Image Segmentation (2023) 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023, .

DOI: 10.1109/IC3S57698.2023.10169750

Vssut, Department of Electronics and Telecommunication Engg., Burla, 758018, India

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190535

ISBN: 9798350325904

65) Konhar, D., Murmu, S., Sethi, H. 2-element MIMO Antenna Design using Triangle-strip applicable for n258 band (2023) 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023, . Cited 1 time.

DOI: 10.1109/IC3S57698.2023.10169601

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2023 International Conference on Communication, Circuits, and Systems, IC3S 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190535

ISBN: 9798350325904

66) Sahu, A.K., Mahapatro, A., Patra, R.

Relay assisted spectrum sensing in presence of in-phase and quadrature-phase imbalance in multi-channel system (2023) 2nd International Conference on Microwave, Optical and Communication Engineering, ICMOCE 2023, . Cited 1 time.

DOI: 10.1109/ICMOCE57812.2023.10166060

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2nd International Conference on Microwave, Optical and Communication Engineering, ICMOCE 2023 Conference date: 26 May 2023 through 28 May 2023 Conference code: 190461

ISBN: 9798350321609

67) Behera, D.^a, Pandav, S.^b, Mishra, D.^a, Behera, S.K.^b Frequency and Pattern Reconfigurable Wideband Monopole Antenna for ISM Band Applications (2023) 2nd International Conference on Microwave, Optical and Communication Engineering, ICMOCE 2023, .

DOI: 10.1109/ICMOCE57812.2023.10165733

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2nd International Conference on Microwave, Optical and Communication Engineering, ICMOCE 2023 **Conference date:** 26 May 2023 through 28 May 2023 **Conference code:** 190461

ISBN: 9798350321609

68) Mohanta, A., Panigrahi, S.

Health Insurance Fraud Detection Using Feature Selection and Ensemble Machine Learning Techniques (2023) *Lecture Notes in Networks and Systems*, 660 LNNS, pp. 197-207. Cited 2 times.

DOI: 10.1007/978-981-99-1203-2_17

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 4th International Conference on Advances in Distributed Computing and Machine Learning, ICADCML 2023 **Conference date:** 15 January 2023 through 16 January 2023

Conference code: 297149

ISSN: 23673370 ISBN: 9789819912025

69) Pati, D.P., Panda, S.

Performance-Based Evaluation for Detection and Classification of Breast Cancer in Mammograms (2023) *Lecture Notes in Networks and Systems*, 660 LNNS, pp. 357-368.

DOI: 10.1007/978-981-99-1203-2 30

Department of Computer Application, Veer Surendra Sai University of Technology, Odisha, Burla, 768018, India

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 4th International Conference on Advances in Distributed Computing and Machine Learning, ICADCML 2023 Conference date: 15 January 2023 through 16 January 2023 Conference code: 297149

ISSN: 23673370 ISBN: 9789819912025

 ⁷⁰) Sahoo, S.^a, Sahoo, S.P.^a, Barik, R.C.^b, Kabat, M.R.^a
 A novel Optimization technique in 5G based IoVs using hybrid Fuzzy Weight-NSGA Scheme (2023) 2023 11th International Symposium on Electronic Systems Devices and Computing, ESDC 2023, . Cited 1 time.

DOI: 10.1109/ESDC56251.2023.10149880

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 11th International Symposium on Electronic Systems Devices and Computing, ESDC 2023 **Conference date:** 4 May 2023 through 6 May 2023 **Conference code:** 190156 71) Khamari, A., Kar, A.K. Comparison of Methods for Determining Sediment Distribution of a Reservoir—A Case Study (2023) Lecture Notes in Civil Engineering, 314 LNCE, pp. 393-401. Cited 1 time. DOI: 10.1007/978-981-19-9151-6_32 Civil Engineering Department, VSSUT, Burla, India **Correspondence Address** Khamari A.; Civil Engineering Department, India; email: anjanakhamari357@gmail.com Publisher: Springer Science and Business Media Deutschland GmbH Conference name: 26th International Conference on Hydraulics, Water Resources and Coastal Engineering, HYDRO 2021 Conference date: 23 December 2021 through 25 December 2021 Conference code: 294279 ISSN: 23662557 ISBN: 9789811991509 72) Dash, G.K.A.K.^a , Godi, R.K.^b , Nayak, C.K.^c , Sahoo, S.K.^b , Das, S.^b A Survey on IoT Empowered WSNs Including Energy Aware Routing Strategies, Security Challenges and Privacy Preservations (2023) Lecture Notes in Networks and Systems, 645 LNNS, pp. 591-601. Cited 1 time. DOI: 10.1007/978-981-99-0769-4 51 ^a Faculty of Emerging Technologies, Sri Sri University, Odisha, Bhubaneswar, India ^b CVR College of Engineering, Telengana, Hyderabad, 501510, India ^c Department of IT, VSS University of Technology, Odisha, Burla, India **Correspondence Address** Dash G.K.A.K.; Faculty of Emerging Technologies, Odisha, India Publisher: Springer Science and Business Media Deutschland GmbH Conference name: 7th International Conference on Smart Trends in Computing and Communications, SmartCom 2023 Conference date: 24 January 2023 through 25 January 2023 Conference code: 296679 ISSN: 23673370 ISBN: 9789819907687 73) Mohanty, A.K.^a, Chandrasekhar Rao, D.^b A Novel Blockchain-Based Smart Contract for Real Estate Management (2023) Lecture Notes in Networks and Systems, 660 LNNS, pp. 15-25. Cited 1 time. DOI: 10.1007/978-981-99-1203-2 2 ^a Department of Computer Science & Engineering, CAPGS, Biju Patnaik University of Technology, Odisha, Rourkela, 769015, India ^b Department of Information Technology, VSS University of Technology, Odisha, Burla, 768018, India **Correspondence Address** Chandrasekhar Rao D.; Department of Information Technology, Odisha, India; email: dcrao it@vssut.ac.in Publisher: Springer Science and Business Media Deutschland GmbH Conference name: 4th International Conference on Advances in Distributed Computing and Machine Learning, ICADCML 2023 Conference date: 15 January 2023 through 16 January 2023 Conference code: 297149 ISSN: 23673370 ISBN: 9789819912025

Ray, P. ^a , Nayak, S. ^a , Singh, A.R. ^b , Pradhan, B.R. ^a Cost and Feasibility Analysis of a Solar-Powered Water Pumping System (2023) 2023 International Conference on Recent Advances in Electrical, Electronics and Digital Healthcare Technologies, REEDCON 2023, pp. 635-639. Cited 1 time.			
DOI: 10.1109/REEDCON57544.2023.10151416			
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Publisher: Institute of Electrical and Electronics Engineers Inc.			
Conference name: 2023 International Conference on Recent Advances in Electrical, Electronics and Digital Healthcare Technologies, REEDCON 2023 Conference date: 1 May 2023 through 3 May 2023 Conference code: 189584			
ISBN: 9781665493826			
 75) Ray, P.^a , Salkuti, S.R.^b Optimization of Cost and Sensitivity Analysis of a Standalone Microgrid (2023) <i>Lecture Notes in Electrical Engineering</i>, 1023 LNEE, pp. 61-70. 			
DOI: 10.1007/978-981-99-0969-8_7			
^a Department of Electrical Engineering, Veer Surendra Sai University of Technology, Burla, India ^b Department of Railroad and Electrical Engineering, Woosong University, Daejeon, South Korea			
Correspondence Address Salkuti S.R.; Department of Railroad and Electrical Engineering, South Korea; email: surender@wsu.ac.kr			
Publisher: Springer Science and Business Media Deutschland GmbH			
Conference name: 2nd International Conference on Signals, machines, and Automation, SIGMA 2022 Conference date: 5 August 2022 through 6 August 2022 Conference code: 295359			
ISSN: 18761100 ISBN: 9789819909681			
76) Chaudhary, B.K., Agrawal, S., Mishro, P.K., Panda, R. An Error Sensitive Fuzzy Clustering Technique for Mammogram Image Segmentation (2023) Lecture Notes in Networks and Systems, 646 LNNS, pp. 297-307.			
DOI: 10.1007/978-3-031-27440-4_28			
VSS University of Technology, Odisha, Burla, 768018, India			
Correspondence Address Agrawal S.; VSS University of Technology, Odisha, India; email: agrawals.72@gmail.com			
Publisher: Springer Science and Business Media Deutschland GmbH			
Conference name: 22nd International Conference on Intelligent Systems Design and Applications, ISDA 2022 Conference date: 12 December 2022 through 14 December 2022 Conference code: 295899			
ISSN: 23673370 ISBN: 9783031274398			
 77) Behera, A.K., Mishra, D. A Study on Indoor Air Quality of Air-Conditioning System Using Duct Insulation and Filters for Industrial Applications (2023) Lecture Notes in Mechanical Engineering, pp. 61-72. 			
DOI: 10.1007/978-981-19-9493-7_7			
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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 3rd International Conference on Recent Advances in Mechanical Engineering Research and Development, ICRAMERD 2022 Conference date: 12 August 2022 through 13 August 2022 Conference code: 295879

ISSN: 21954356 ISBN: 9789811994920

78) Mohapatra, P., Kund, N.K., Sahu, S.K. Experimental Studies on Corrosion Performance of Reheated AZ31 Magnesium Alloy (2023) Lecture Notes in Mechanical Engineering, pp. 469-477.

DOI: 10.1007/978-981-19-9493-7 46

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Correspondence Address Mohapatra P.; Department of Production Engineering, India; email: pabakmohapatra.pe@gmail.com

Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 3rd International Conference on Recent Advances in Mechanical Engineering Research and Development, ICRAMERD 2022 Conference date: 12 August 2022 through 13 August 2022 Conference code: 295879

ISSN: 21954356 ISBN: 9789811994920

79) Sahu, S.K., Kund, N.K., Mohapatra, P. Experimental Study on Bio-corrosion Behaviour of Magnesium Alloy Using Sodium Chloride Solution (2023) Lecture Notes in Mechanical Engineering, pp. 495-503.

DOI: 10.1007/978-981-19-9493-7_48

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 3rd International Conference on Recent Advances in Mechanical Engineering Research and Development, ICRAMERD 2022 Conference date: 12 August 2022 through 13 August 2022 Conference code: 295879

ISSN: 21954356 ISBN: 9789811994920

 ⁸⁰⁾ Gazali, A.^a, Debasis, K.^a, Sahoo, R.M.^b
 A Novel System based on Artificial Neural Network for Heart Disease Classification (2023) 2023 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023, . Cited 2 times.

DOI: 10.1109/AISP57993.2023.10135025

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023 **Conference date:** 18 March 2023 through 20 March 2023

ISBN: 9798350320749

Conference code: 189120

81) Panda, S.R.^a , Pradhan, M.^a , Sahu, T.^b , Panda, A.K.^c

Intersubband effects on electron mobility in GaAs/InxGa1-xAs Quantum well FET with asymmetric doping profiles (2023) *Proceedings of 5th International Conference on 2023 Devices for Integrated Circuit, DevIC 2023*, pp. 272-276. Cited 2 times.

DOI: 10.1109/DevIC57758.2023.10134919

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 5th International Conference on Devices for Integrated Circuit, DevIC 2023 Conference date: 7 April 2023 through 8 April 2023 Conference code: 189085

ISBN: 9798350347265

82) Pradhan, S.^a, Sahoo, B.B.^b

Implementation of Rainfall-Based Drought Indices for Regional Drought Assessment (2023) Lecture Notes in Civil Engineering, 312 LNCE, pp. 377-385.

DOI: 10.1007/978-981-19-9147-9_30

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 26th International Conference on Hydraulics, Water Resources and Coastal Engineering, HYDRO 2021 **Conference date:** 23 December 2021 through 25 December 2021 **Conference code:** 294279

ISSN: 23662557 ISBN: 9789811991462

83) Choudhury, B., Kar, A.K. Rain-Gauge Network Design and Rainfall Estimation—Case Study of Odisha Basins (2023) Lecture Notes in Civil Engineering, 312 LNCE, pp. 537-546.

DOI: 10.1007/978-981-19-9147-9 43

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: 26th International Conference on Hydraulics, Water Resources and Coastal Engineering, HYDRO 2021 **Conference date:** 23 December 2021 through 25 December 2021 **Conference code:** 294279

ISSN: 23662557 ISBN: 9789811991462

1	0	2

/25, 5:02	5:02 PM Scopus - Print - 1	32 (January 2025)	
84)	 ⁸⁴) Kumar Naik, N.^a, Kumar Sethy, P.^a, Kumari Behera, S.^b Almond Quality Assessment using Image Processing Techniques (2023) 2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023, . 		
DOI: 10.1109/I2CT57861.2023.10126476			
^a Sambalpur University, Dept. of Electronics, Odisha768019, India ^b VSSUT, Dept. of CSE, Odisha, Burla, 768018, India			
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	Sponsors: Siddhant College of Engineering Publisher: Institute of Electrical and Electronics Engineers Inc.		
	Conference name: 8th IEEE International Conference for Convergence Conference date: 7 April 2023 through 9 April 2023 Conference code: 188943	e in Technology, I2CT 2023	
	ISBN: 9798350334012		
85)	85) Sethy, P.K. ^a , Nayak, J.P. ^a , Bhargavi, M. ^b , Maharana, H.S. ^b , Behera, Detection of Monkeypox Based on Improved Darknet19		
	(2023) 2023 IEEE 8th International Conference for Convergence in Tec	chnology, 12C1 2023, .	
	DOI: 10.1109/I2CT57861.2023.10126170		
	^a Sambalpur University, Department of Electronics, Odisha, Burla, India ^b SUIIT Sambalpur University, Department of ECE, Odisha, Burla, India		
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	Correspondence Address Sethy P.K.; Sambalpur University, Odisha, India; email: prabirsethy.05@	Dgmail.com	
	Sponsors: Siddhant College of Engineering Publisher: Institute of Electrical and Electronics Engineers Inc.		
	Conference name: 8th IEEE International Conference for Convergence Conference date: 7 April 2023 through 9 April 2023 Conference code: 188943	e in Technology, I2CT 2023	
	ISBN: 9798350334012		
86)	86) Goswami, N.K., Pal, K. A Study on Friction Stir Lap Welding of Dissimilar Al 6061 to Poly (2023) Lecture Notes in Mechanical Engineering, pp. 299-307.	carbonate	
	DOI: 10.1007/978-981-19-7612-4_25		
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	Correspondence Address Goswami N.K.; Department of Production Engineering, Odisha, Samba	alpur, India; email: nisithgoswami82@gmail.com	
	Publisher: Springer Science and Business Media Deutschland GmbH		
	Conference name: 8th International and 29th All India Manufacturing AIMTDR 2021 Conference date: 9 December 2021 through 11 December 2021 Conference code: 283159	Technology, Design and Research Conference,	
	ISSN: 21954356 ISBN: 9789811976117		
87)	87) Barik, T. ^a , Parida, S. ^b , Pal, K. ^a Optimizing the input parameters setting for least hole defects whi optimization on the basis of ratio analysis (MOORA) method	le drilling CFRP laminates by multi-objective	

DOI: 10.1088/1742-6596/2484/1/012007

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Conference name: 2022 International Conference on Material Science, Mechanics and Technology, ICMMT 2022 **Conference date:** 23 December 2022 through 24 December 2022 **Conference code:** 188735

ISSN: 17426588

⁸⁸⁾ Roy, A.K.^a , Biswal, G.R.^b , Basak, P.^c

An Overview Towards the Design and Control of Standalone and Grid Connected Hybrid Energy Systems and its Performance Assessment

(2023) Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023, pp. 572-579.

DOI: 10.1109/ICEES57979.2023.10110276

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 9th International Conference on Electrical Energy Systems, ICEES 2023 **Conference date:** 23 March 2023 through 25 March 2023 **Conference code:** 188394

ISBN: 9798350348033

⁸⁹⁾ Deshmukh, B.^a , Lal, D.K.^a , Biswal, S.^b

A Short Term Recursive Matrix Pencil Based Distribution System Protection Scheme (2023) 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022, .

DOI: 10.1109/OTCON56053.2023.10113999

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022 Conference date: 8 February 2023 through 10 February 2023 Conference code: 188466

ISBN: 9781665492942

90) Parida, R.K.

PEM Fuel Cell based PV/Wind Hybrid Energy System

(2023) 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022, . Cited 3 times.

DOI: 10.1109/OTCON56053.2023.10114038

Vssut, Department of Electrical Engineering, Odisha, Burla, India

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022 Conference date: 8 February 2023 through 10 February 2023 Conference code: 188466

ISBN: 9781665492942

⁹¹⁾ Manchala, Y.^a , Nayak, J.^b , Behera, H.S.^a

Detection of Malicious Traffic in IoMT Environment Using Intelligent XGboost Approach (2023) 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022, . Cited 3 times.

DOI: 10.1109/OTCON56053.2023.10113978

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022 Conference date: 8 February 2023 through 10 February 2023 Conference code: 188466

ISBN: 9781665492942

92) Mishra, A.^a, Kabat, M.R.^a, Mohapatra, D.P.^b Dynamic Program Slicing of Agent-oriented Software (2023) 2023 2nd International Conference for Innovation in Technology, INOCON 2023, . Cited 2 times.

DOI: 10.1109/INOCON57975.2023.10101284

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Publisher: Institute of Electrical and Electronics Engineers Inc.

Conference name: 2nd International Conference for Innovation in Technology, INOCON 2023 **Conference date:** 3 March 2023 through 5 March 2023 **Conference code:** 188077

ISBN: 9798350320923

93) Sahoo, S., Jena, P.C.

Damage Detection Using Recurrent Neural Network in Hybrid Composite Beam (2023) *Lecture Notes in Mechanical Engineering*, pp. 593-603. Cited 2 times.

DOI: 10.1007/978-981-19-6107-6_42

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Publisher: Springer Science and Business Media Deutschland GmbH

ISSN: 21954356 ISBN: 9789811961069

94)	Soreng, B., Pradhan, R., Jena, P. Islanding Detection of Inverter based Grid Tied Photovoltaic System in Microgrid using Maximum Power point Tracking Method (2023) Proceedings - 2nd International Conference on Power Electronics and Energy, ICPEE 2023, .
	DOI: 10.1109/ICPEE54198.2023.10060619
	Veer Surendra Sai University of Technology, Department of Electrical Engineering, Odisha, Burla, India
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	Publisher: Institute of Electrical and Electronics Engineers Inc.
	Conference name: 2nd International Conference on Power Electronics and Energy, ICPEE 2023 Conference date: 3 January 2023 through 5 January 2023 Conference code: 187150
	ISBN: 9781665470582
95)	Ray, P. ^a , Parida, N. ^a , Biswal, S. ^a , Singh, A.R. ^b Development of a Power Quality Analyzer Using Arduino Technology (2023) <i>Lecture Notes in Electrical Engineering</i> , 973, pp. 231-243.
	DOI: 10.1007/978-981-19-7728-2_17
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	Publisher: Springer Science and Business Media Deutschland GmbH
	Conference name: 3rd Electric Power and Renewable Energy Conference , EPREC 2022 Conference date: 27 May 2022 through 29 May 2022 Conference code: 290129
	ISSN: 18761100 ISBN: 9789811977275
96)	Ray, P. ^a , Salkuti, S.R. ^b , Satyajit, K.R. ^a , Majhi, A.A.K. ^a , Singh, C. ^a Development of a Smart Wind Monitoring System Using Arduino Technology (2023) <i>Lecture Notes in Electrical Engineering</i> , 973, pp. 221-229. Cited 1 time.
	DOI: 10.1007/978-981-19-7728-2_16
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	Publisher: Springer Science and Business Media Deutschland GmbH
	Conference name: 3rd Electric Power and Renewable Energy Conference , EPREC 2022 Conference date: 27 May 2022 through 29 May 2022 Conference code: 290129
	ISSN: 18761100 ISBN: 9789811977275

25	5, 5:02	PM Scopus - Print - 132 (January 2025)
		Pradhan, A., Senapati, M.R., Sahu, P.K. Comparative Analysis of Lexicon-Based Emotion Recognition of Text (2023) <i>Lecture Notes in Electrical Engineering</i> , 946, pp. 671-677. Cited 2 times.
DOI: 10.1007/978-981-19-5868-7_49		DOI: 10.1007/978-981-19-5868-7_49
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		Publisher: Springer Science and Business Media Deutschland GmbH
		Conference name: 3rd International Conference on Machine Learning, Image Processing, Network Security and Data Sciences, MIND 2021 Conference date: 11 December 2021 through 12 December 2021 Conference code: 289309
		ISSN: 18761100 ISBN: 9789811958670
	,	Babu, M.K., Ray, P., Sahoo, A.K. Cost and Energy Efficiency Study of an ARIMA Forecast Model Using HOMER Pro (2023) <i>Lecture Notes in Electrical Engineering</i> , 960, pp. 137-151. Cited 4 times.
		DOI: 10.1007/978-981-19-6605-7_11
		Department of Electrical Engineering, Veer Surendra Sai University of Technology, Burla, India
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		Conference name: 3rd Electric Power and Renewable Energy Conference, EPREC 2022 Conference date: 27 May 2022 through 29 May 2022 Conference code: 289329
		ISSN: 18761100 ISBN: 9789811966040
		Banerjee, B. ^a , Doloi, S. ^b , Das, S. ^c , Dhupal, D. ^a Parametric Optimization of MRR During Ultrasonic Machining Process (2023) <i>Lecture Notes in Mechanical Engineering</i> , PartF54, pp. 257-270. Cited 1 time.
		DOI: 10.1007/978-981-19-7150-1_21
		 ^a Production Engineering Department, Veer Surendra Sai University of Technology, Odisha, 768018, India ^b Mechanical Engineering Department, Kalinga Institute of Industrial Technology, Odisha, 751024, India ^c Department of Mechanical Engineering, Swami Vivekananda Institute of Science and Technology, Kolkata, 700145, India
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		Publisher: Springer Science and Business Media Deutschland GmbH
		Conference name: 8th International and 29th All India Manufacturing Technology, Design and Research conference, AIMTDR 2021
		Conference date: 9 December 2021 through 11 December 2021 Conference code: 288339
		ISSN: 21954356 ISBN: 9789811971495
	100)) Rout, S.K. ^a , Sahoo, R.R. ^b , Satapathy, S.R. ^c , Sethy, B.P. ^a Enhancement of Soil Properties by Using Red Mud and Lime (2023) <i>Lecture Notes in Civil Engineering</i> , 297, pp. 1-12.
		DOI: 10.1007/978-981-19-6727-6_1
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Conference name: Indian Geotechnical Conference, IGC 2021 **Conference date:** 16 December 2021 through 18 December 2021 **Conference code:** 287049

ISSN: 23662557 ISBN: 9789811967269

 101) Patra, A.K.^a, Nanda, A.^a, Rout, B.^b, Subudhi, D.K.^c
 Artificial Pancreas (AP) Based on the JAYA Optimized PI Controller (JAYA-PIC) (2023) Smart Innovation, Systems and Technologies, 317, pp. 11-20.

DOI: 10.1007/978-981-19-6068-0_2

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Conference name: 1st International Conference on Ambient Intelligence in Health Care, ICAIHC 2021 **Conference date:** 15 April 2022 through 16 April 2022 **Conference code:** 287449

ISSN: 21903018 ISBN: 9789811960673

 102) Dash, P.B.^a, Nayak, J.^b, Kishore, C.R.^c, Mishra, M.^d, Naik, B.^e
 Efficient Ensemble Learning Based CatBoost Approach for Early-Stage Stroke Risk Prediction (2023) Smart Innovation, Systems and Technologies, 317, pp. 475-483.

DOI: 10.1007/978-981-19-6068-0_46

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Conference name: 1st International Conference on Ambient Intelligence in Health Care, ICAIHC 2021 **Conference date:** 15 April 2022 through 16 April 2022 **Conference code:** 287449

ISSN: 21903018 ISBN: 9789811960673

103) Pemmada, S.K.^a, Nayak, J.^b, Behera, H.S.^c
 Early Detection of Stroke Risk Using Optimized Light Gradient Boosting Machine Approach Based on Demographic Data
 (2023) Smart Innovation, Systems and Technologies, 317, pp. 281-292.

DOI: 10.1007/978-981-19-6068-0 28

Scopus - Print - 132 (January 2025) ^a Department of Computer Science and Engineering, Aditya Institute of Technology and Management (AITAM), Tekkali, 532201, India ^b Departmet of Computer Science, Maharaja Sriram Chandra Bhanja Deo University, Odisha, Baripada, 757003, India ^c Department of Information Technology, Veer Surendra Sai University of Technology, Burla, 768018, India **Correspondence Address** Pemmada S.K.; Department of Computer Science and Engineering, India; email: reshu.suri@gmail.com Publisher: Springer Science and Business Media Deutschland GmbH Conference name: 1st International Conference on Ambient Intelligence in Health Care, ICAIHC 2021 Conference date: 15 April 2022 through 16 April 2022 Conference code: 287449 ISSN: 21903018 ISBN: 9789811960673 104) Ray, P., Satvajit, K.R. A Fuzzy-Based Approach for Short Term Load Forecasting (2023) Lecture Notes in Electrical Engineering, 927, pp. 113-125. DOI: 10.1007/978-981-19-4975-3 9 Department of Electrical Engineering, Veer Surendra Sai University of Technology, Burla, Odisha, Sambalpur, India **Correspondence Address** Ray P.; Department of Electrical Engineering, Burla, Odisha, India; email: papiaray ee@vssut.ac.in Publisher: Springer Science and Business Media Deutschland GmbH Conference name: International Conference on Smart Energy and Advancement in Power Technologies, ICSEAPT 2021 Conference date: 6 September 2021 through 8 September 2021 Conference code: 285579 ISSN: 18761100 ISBN: 9789811949746 105) Ratha, A.K.^a , Sethy, P.K.^a , Barpanda, N.K.^a , Behera, S.K.^b Maturity Status Estimation of Banana Using Image Deep Feature and Parallel Feature Fusion (2023) Lecture Notes in Networks and Systems, 494, pp. 349-353. DOI: 10.1007/978-981-19-4863-3 33 ^a Department of Electronics, Sambalpur University, Odisha, Burla, 768019, India ^b Department of Computer Science and Engineering, VSSUT Burla, Odisha, Burla, 768018, India **Correspondence Address** Sethy P.K.; Department of Electronics, Odisha, India; email: prabirsethy.05@gmail.com Publisher: Springer Science and Business Media Deutschland GmbH Conference name: 7th International Conference on Information System Design and Intelligent Applications, INDIA 2022 Conference date: 25 February 2022 through 26 February 2022 Conference code: 285639 ISSN: 23673370 ISBN: 9789811948626

¹⁰⁶⁾ Barua, A.^a , Bagal, D.K.^b , Jeet, S.^a , Pradhan, S.^c , Baliarsingh, A.K.^d , Bagal, D.K.^e A Feasibility Investigation of Photo Voltaic Cell-Assisted Linke Hofmann Busch Coach Used in Indian Railways: A Case Study in Context to Present Scenario (2023) Lecture Notes in Mechanical Engineering, pp. 425-437. Cited 1 time.

DOI: 10.1007/978-981-19-4147-4 42

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Conference name: 2nd International Conference on Functional Material, Manufacturing and Performances, ICFMMP 2021 **Conference date:** 17 September 2021 through 18 September 2021 **Conference code:** 285629

ISSN: 21954356 ISBN: 9789811941467

107) Ray, P.^a, Salkuti, S.R.^b, Satyajit, K.R.^a
 Real-Time Power Quality Monitoring System in LabVIEW Using Wavelet Transform and Stockwell Transform (2023) *Lecture Notes in Electrical Engineering*, 927, pp. 397-408. Cited 1 time.

DOI: 10.1007/978-981-19-4975-3_32

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: International Conference on Smart Energy and Advancement in Power Technologies, ICSEAPT 2021 **Conference date:** 6 September 2021 through 8 September 2021 **Conference code:** 285579

ISSN: 18761100 **ISBN:** 9789811949746

108) Satyajit, K.R., Samarpita, S., Ray, P. Convolutional Neural Network-Based Lung Cancer Detection (2023) Lecture Notes in Electrical Engineering, 927, pp. 437-445.

DOI: 10.1007/978-981-19-4975-3_35

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Publisher: Springer Science and Business Media Deutschland GmbH

Conference name: International Conference on Smart Energy and Advancement in Power Technologies, ICSEAPT 2021 **Conference date:** 6 September 2021 through 8 September 2021 **Conference code:** 285579

ISSN: 18761100 ISBN: 9789811949746

109) Jena, L.^a, Behera, S.K.^a, Sethy, P.K.^b, Sahoo, S.^a Environmental Characteristics Leveraging Crop Recommendation Based on Bayesian Optimisation-Support Vector Machine (BO-SVM) Approach

(2023) Lecture Notes in Networks and Systems, 516, pp. 105-111. Cited 1 time.

DOI: 10.1007/978-981-19-5221-0_11

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Conference name: 7th International Conference on ICT for Sustainable Development, ICT4SD 2022 Conference date: 29 July 2022 through 30 July 2022

25,		5:02 PM Scopus - Print Conference code: 285779	- 132 (January 2025)
		ISSN: 23673370 ISBN: 9789811952203	
	110)	110) Sahu, S.K., Kund, N.K., Mohapatra, P. Experimental investigations on corrosion performance of heat (2023) Materials Today: Proceedings, 74, pp. 1012-1016. Cited 1 ti	
		DOI: 10.1016/j.matpr.2022.11.359	
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		Publisher: Elsevier Ltd	
		ISSN : 22147853	
		 Priyadarsini, M.^a, Biswal, T.^a, Acharya, S.K.^b Study of mechanical properties of reinforced polypropylene (P automobile industry (2023) <i>Materials Today: Proceedings</i>, 74, pp. 980-984. Cited 10 time 	
		DOI: 10.1016/j.matpr.2022.11.349	
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		Publisher: Elsevier Ltd	
		ISSN : 22147853	
	112)	 Biswal, T.^a, Rekha Sahoo, D.^a, Acharya, S.K.^b Synthesis and study of mechanical properties of polypropylen (2023) <i>Materials Today: Proceedings</i>, 74, pp. 726-729. Cited 3 time 	
		DOI: 10.1016/j.matpr.2022.10.299	
		^a Veer Surendra Sai University of Technology, Burla, 768018, India ^b ITER, Siksha 'O' Anusandhan University, BBSR, 751030, India	
		Publisher: Elsevier Ltd	
		ISSN : 22147853	
	113)	 Ray, P., Singh, A., Satyajit, K.R. An Intelligent Approach for Defect Detection of Bearing (2023) Lecture Notes in Electrical Engineering, 926, pp. 211-219. 	
		DOI: 10.1007/978-981-19-4971-5_16	
		Department of Electrical Engineering, Veer Surendra Sai University	of Technology, Odisha, Burla, Sambalpur, India
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		Publisher: Springer Science and Business Media Deutschland Gm	рН
		Conference name: International Conference on Smart Energy and Conference date: 6 September 2021 through 8 September 2021 Conference code: 285579	Advancement in Power Technologies, ICSEAPT 2021

ISSN: 18761100 ISBN: 9789811949708

25,	5:02	PM Scopus - Print - 132 (January 2025)
	114)	Hati, D. ^a , Behera, S. ^b , Swain, A.R. ^a , Das, M. ^a An Improved Static Technique for Placement of Anchor Nodes to Enhance the Localization in IoT (2023) <i>Lecture Notes in Networks and Systems</i> , 520, pp. 545-553.
		DOI: 10.1007/978-981-19-5331-6_56
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		Conference name: 7th International Conference on ICT for Sustainable Development , ICT4SD 2022 Conference date: 29 July 2022 through 30 July 2022 Conference code: 286109
		ISSN: 23673370 ISBN: 9789811953309
	115)	Ratha, A.K. ^a , Behera, S.K. ^b , Barpanda, N.K. ^a , Sethy, P.K. ^a Defect Discrimination of Mango Using Image Processing Techniques (2023) <i>Lecture Notes in Networks and Systems</i> , 517, pp. 503-509.
		DOI: 10.1007/978-981-19-5224-1_51
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		Publisher: Springer Science and Business Media Deutschland GmbH
		Conference name: 7th International Conference on ICT for Sustainable Development, ICT4SD 2022 Conference date: 29 July 2022 through 30 July 2022 Conference code: 286049
		ISSN: 23673370 ISBN: 9789811952234
	116)	Rekha Sahoo, D. ^a , Biswal, T. ^a , Acharya, S.K. ^b Synthesis, characterization and biomedical applications of Poly (methyl methacrylate)/Chitosan (derived from oyster shell powder) (2023) <i>Materials Today: Proceedings</i> , 74, pp. 708-712. Cited 5 times.
		DOI: 10.1016/j.matpr.2022.10.280
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		Correspondence Address Biswal T.; Veer Surendra Sai University of TechnologyIndia; email: biswal.trinath@gmail.com
		Publisher: Elsevier Ltd
		ISSN: 22147853
	117)	Das, S.R. ^a , Das, A. ^b Study the Influences of Various Input Variables on Material Removal Rate During µEDM Machining of Super Alloy Material (2023) <i>Lecture Notes in Mechanical Engineering</i> , pp. 681-692.
		DOI: 10.1007/978-981-19-4606-6_62
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Publisher: Springer Science and Business Media Deutschland GmbH		
Conference name: 3rd Innovative Product Design and Intelligent Manufacturing System, IPDIMS 2021 Conference date: 30 December 2021 through 31 December 2021 Conference code: 284859		
ISSN: 21954356 ISBN: 9789811946059		
 Samal, S.^a, Sahoo, H.K.^a, Kumar Das, P.^b Hybrid Optimization Approach for Adaptive Beamforming in Smart Antenna System (2023) Lecture Notes in Networks and Systems, 445, pp. 573-584. 		
DOI: 10.1007/978-981-19-1412-6_50		
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Publisher: Springer Science and Business Media Deutschland GmbH		
Conference name: 2nd International Conference on Next Generation of Internet of Things, ICNGIoT 2022 Conference date: 3 February 2022 through 4 February 2022 Conference code: 283999		
ISSN: 23673370 ISBN: 9789811914119		
119) Jena, U.K. ^a , Kumar Das, P. ^b , Kabat, M.R. ^a , Kuanar, S.K. ^c Dynamic Load Balancing in Cloud Network Through Sunflower Optimization Algorithm and Sine–Cosine Algorithm (2023) Lecture Notes in Networks and Systems, 445, pp. 609-621.		
DOI: 10.1007/978-981-19-1412-6_53		
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Publisher: Springer Science and Business Media Deutschland GmbH		
Conference name: 2nd International Conference on Next Generation of Internet of Things, ICNGIoT 2022 Conference date: 3 February 2022 through 4 February 2022 Conference code: 283999		
ISSN: 23673370 ISBN: 9789811914119		
 Sahu, B.^a, Kumar Das, P.^b, Ranjan Kabat, M.^c Multi-robot Cooperation and Path Planning Using Modified Cuckoo Search (2023) Lecture Notes in Networks and Systems, 445, pp. 369-382. 		
DOI: 10.1007/978-981-19-1412-6_31		
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Publisher: Springer Science and Business Media Deutschland GmbH		
Conference name: 2nd International Conference on Next Generation of Internet of Things, ICNGIoT 2022 Conference date: 3 February 2022 through 4 February 2022		

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25,	5:02	PM	Scopus - Print - 132 (January 2025)
	Con	ference code: 283999	
		I: 23673370 N: 9789811914119	
	121)	Sahoo, S.P. ^a , Das, B. ^b , Pati, B.B. ^a , Dash, R.N. ^c Obstacle Avoidance for a Swarm of AUVs (2023) <i>Lecture Notes in Networks and Systems</i> , 443	, pp. 415-421.
		DOI: 10.1007/978-981-19-2764-5_34	
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		Publisher: Springer Science and Business Media D	eutschland GmbH
		Conference name: 1st International Conference on Conference date: 12 February 2022 through 13 Feb Conference code: 283779	Smart Technologies for Power and Green Energy, STPGE 2022 oruary 2022
		ISSN: 23673370 ISBN: 9789811927638	
	122)	Mohapatra, S.S. ^a , Maharana, M.K. ^a , Pradhan, A. ^b , Islanding Detection in Distributed Generation Sys (2023) <i>Lecture Notes in Networks and Systems</i> , 443	stem Using MLPNN and ELPID Methods
		DOI: 10.1007/978-981-19-2764-5_18	
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		Publisher: Springer Science and Business Media D	eutschland GmbH
		Conference name: 1st International Conference on Conference date: 12 February 2022 through 13 Feb Conference code: 283779	Smart Technologies for Power and Green Energy, STPGE 2022 oruary 2022
		ISSN: 23673370 ISBN: 9789811927638	
	123)	Sukla, M.K., Sethi, K. Power and Area Trade-Off for Accuracy-Controlle (2023) <i>Lecture Notes in Electrical Engineering</i> , 904,	
		DOI: 10.1007/978-981-19-2308-1_29	
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		Publisher: Springer Science and Business Media D	eutschland GmbH
		Conference name: 2nd International Conference on 2022	Micro and Nanoelectronics Devices, Circuits and Systems, MNDCS
		Conference date: 29 January 2022 through 31 Janu Conference code: 283089	lary 2022
		ISSN: 18761100	

124) Jha, A.K., Jena, M.R. **The Effect of Quantum Well Base in GaAs-Based HBT** (2023) Lecture Notes in Electrical Engineering, 904, pp. 265-274.

DOI: 10.1007/978-981-19-2308-1_28

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Conference date: 29 January 2022 through 31 January 2022 Conference code: 283089

ISSN: 18761100 ISBN: 9789811923074

125) Padhan, S.^a , Behera, A.K.^b , Das, S.R.^a

Machining of Austenitic Stainless Steel Under Various Cooling-Lubrication Strategies (2023) *Lecture Notes in Mechanical Engineering*, pp. 435-442.

DOI: 10.1007/978-981-16-9057-0_46

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Conference name: 2nd International Conference on Recent Advances in Mechanical Engineering Research and Development, ICRAMERD 2021 Conference date: 21 February 2021 through 21 February 2021 Conference code: 278889

ISSN: 21954356 ISBN: 9789811690563

126) Behera, S.P.^a, Nanda, B.K.^a, Nayak, S.K.^a, Routara, B.C.^a, Dhupal, D.^b Abrasive Jet Machining of Quartz Plates with Hot Silica Abrasives (2023) Lecture Notes in Mechanical Engineering, pp. 605-614.

DOI: 10.1007/978-981-16-9057-0 66

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Conference name: 2nd International Conference on Recent Advances in Mechanical Engineering Research and Development, ICRAMERD 2021 Conference date: 21 February 2021 through 21 February 2021 Conference code: 278889

ISSN: 21954356 ISBN: 9789811690563

127) Khuntia, S.K.^a, Mohanty, S.D.^b, Pani, B.B.^c, Das, S.N.^d Prediction of Growth Percentage of Sintered Compacts Using Neural Network Technique (2023) Lecture Notes in Mechanical Engineering, pp. 123-131.

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128) Tiwari, D., Das, L., Mohanty, J.R.

Effect of Alkaline and Acrylic Acid Treatment on Improving Tensile Strength of Rattan Fibers (2023) *Lecture Notes in Mechanical Engineering*, pp. 565-571. Cited 2 times.

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 Jena, P.K.^a, Bhoi, P.^a, Behera, R.^b
 Mechanical and Thermal Properties of Rice/Wheat Straw Fiber Reinforced Epoxy Composites: A Comparative Study (2023) Lecture Notes in Mechanical Engineering, pp. 727-735.

DOI: 10.1007/978-981-16-9057-0_78

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130) Sethy, D.K., Patro, P.

Heat Transfer Due to Turbulent Impinging Air Jet on Flat and Concave Plate (2023) Lecture Notes in Mechanical Engineering, pp. 213-219.

DOI: 10.1007/978-981-16-9057-0_23

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131) Mohapatra, D.K., Mohanty, P.P. Parametric Studies of Dissimilar Friction Stir Welded AA2024/AA6082 Aluminium Alloys (2023) Lecture Notes in Mechanical Engineering, pp. 191-200. Cited 3 times.

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 132) Dash, L.^a, Behera, A.K.^b, Das, S.R.^a
 Optimization of Power Consumption and Cost Analysis in Hard Turning Under NFMQL Condition (2023) Lecture Notes in Mechanical Engineering, pp. 709-715. Cited 1 time.

DOI: 10.1007/978-981-16-9057-0 76

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