

3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Research Overview at DA-IICT:

<https://www.daiict.ac.in/research-overview>

Faculty publication page :

http://resourcecentre.daiict.ac.in/ir/faculty_pub/year_2023.html

Year wise Summary

Year	2021-22	2020-21	2019-20	2018-19	2017-18
No of Books & Chapters in edited volumes/books published	126	129	100	114	114
List of papers published in national/ international conference proceedings					

Sl No	Particular	Pg No
1	List of books and chapters in edited volumes/books published	2-6
2	List of papers published in national/ international conference proceedings	7-60

List of books and chapters in edited volumes / books published (2017-18 to 2021-22)

Sl. No.	Name of the teacher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Link
1.	Choudum S.A., Sivakumar L., Sunitha V.	Graph embedding and interconnection networks	2016	9781420011074; 9781584885955	CRC Press	Weblink
2.	Choudum S.A., Sivakumar L., Sunitha V.	Introduction to interconnection networks	2016	9781420011074; 9781584885955	CRC Press	Weblink
3.	Anderson, Clare, Madhumita Mazumdar,, and Vishvajit Pandya.	New Histories of the Andaman Islands: Landscape, Place and Identity in the Bay of Bengal, 1790 - 2012	2016	9781139924641	Cambridge University Press	Weblink
4.	Bhaskar Chaudhury	Plasma-Based Radar Cross Section Reduction: Plasma Stealth Technology	2016	978-981-287-760-4	CRC Press	Weblink
5.	Das, Manik Lal	Privacy and Accountability Concerns in the Age of Big Data	2016	9781498734875; 9781498734868	CRC Press	Weblink
6.	Rachit Mittal, Sarita Agrawal, and Manik Lal Das	Secure Node Localization in Clustered Sensor Networks with Effective Key Revocation	2016	9781466699410	IGI Global	Weblink
7.	Mishra G.	Telecentres as a medium for good governance in rural India	2016	9781466698161; 9781466698154	IGI global	Weblink
8.	G. N. Devy, Geoffrey V. Davis and K. K. Chakravarty ed.	The Language Loss of the Indigenous	2016	9781138488724	Routledge India	Weblink
9.	Madhavi, Maulik C.; Sharma, Shubham; Patil, Hemant A.	VTLN Using Different Warping Functions for Template Matching	2016	978-3-319-30315-4	Springer Science and Business Media Deutschland GmbH	Weblink
10.	Pandya, Vishvajit	When Hunters Gather but Do Not Hunt, Playing with the State in the Forest: Jarawa Children's Changing World	2016	978-4-431-55997-9	Springer	Weblink
11.	Parikh, Alka	Risk in the agriculture: About the Study	2017	978-981-10-6271-1	SPRINGER-VERLAG BERLIN	Weblink
12.	Parikh, Alka	Agriculture insurance in Russia	2017	9789811062711	Springer	Weblink
13.	Pandya V.	Events, incidents and accidents: Re-thinking indigenous resistance in the Andaman Islands	2017	9781351587440; 9781138102873	Springer	Weblink
14.	Parikh, Alka	Examining Fluctuations: Analysis of District Level Data	2017	978-981-10-6271-1	SPRINGER-VERLAG BERLIN	Weblink
15.	Rao Garg S.	Food images and identity in the selected writings of three Indian American women writers	2017	978-981-10-5332-0	Springer Singapore	Weblink
16.	Alka Parikh, Sumit Singh, and Krati Agrawal	India's Growth Story: Sector-wise	2017	978-3659609602	Germany: Lambert Academic Publishing,	Weblink

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17.	Rao Garg S., Gupta D.	The English Paradigm in India Essays in Language, Literature and Culture	2017	978-981-10-5332-0	Springer	Weblink
18.	Alka Parikh	Risks in Agriculture - Farmers' Perspective	2017	9789811053320	Springer	Weblink
19.	Parikh, Alka	Risk in the agriculture-Risk Profile: Findings from the Field	2017	978-981-10-6271-1	SPRINGER-VERLAG BERLIN	Weblink
20.	Alka Parikh	Risk Profile: Findings from the Field" in Risks in Agriculture : Farmers' Perspective	2017	978-981-10-6271-1	Springer	Weblink
21.	Alka Parikh	Risks in Agriculture : Farmers' Perspective	2017	978-981-10-6271-1	Singapore: Springer	Weblink
22.	Parikh, Alka	Risks in Agriculture Farmers' Perspective Introduction	2017	978-981-10-6271-1	SPRINGER-VERLAG BERLIN	Weblink
23.	Parikh, Alka	Risks in Agriculture Farmers' Perspective Summary and Conclusions	2017	978-981-10-6271-1	SPRINGER-VERLAG BERLIN	Weblink
24.	Kumar N., Mathuria A.	Security and privacy issues in outsourced personal health record	2017	978-981-10-5026-8	Springer Singapore	Weblink
25.	Alka Parikh	Risk in the agriculture:Summary and Conclusions	2017	978-981-10-6271-1	Springer	Weblink
26.	Rao Garg S., Gupta D.	The English paradigm in India: Essays in language, literature and culture	2017	9789811053320; 9789811053313	Springer Singapore	Weblink
27.	Padalkar M.G., Joshi M.V.	Automatic detection and inpainting of defaced regions and cracks in heritage monuments	2018	978-981-10-5738-0	Springer Singapore	Weblink
28.	Madhu P.R., Joshi M.V.	Digital heritage reconstruction using deep learning-based super-resolution	2018	978-981-10-7221-5	Springer Singapore	Weblink
29.	Vishvajit Pandya and Madhumita Mazumdar	Dr. Kar I Presume!': 'Medical' Narratives from the Jarawa Tribal Reserve 126	2018	9780199092093	Oxford University Press	Weblink
30.	Mandal S., Chaudhuri S., Da Costa A.A.B., Karambelkar G., Dasgupta P.	On the deep structure of ragas and analytic rating of music scores	2018	978-981-10-7221-5	Springer Singapore	Weblink
31.	Agrawal, Yash; Parekh, Rutu; Chandel, Rajeevan	Performance Analysis of Current-Mode Interconnect System in Presence of Process, Voltage, and Temperature Variations	2018	978-981-10-4394-9	Springer Verlag	Weblink
32.	Binita Desai and Nina Sabnani	Pluralistic View of Indian Images: 2nd BCE to the 1990s	2018	9781501342103	Fairchild Books	Weblink
33.	Hemant A. Patil, Amy Neustein, and Manisha Kulshreshtha, Eds.	Signal and Acoustic Modeling for Speech and Communication Disorders	2018	9781614517597	de Gruyter	Weblink
34.	Gargave, Soumya; Agrawal, Yash; Parekh, Rutu	Single-Precision Floating Point Matrix Multiplier Using Low-Power Arithmetic Circuits	2018	978-981-10-4394-9	Springer Verlag	Weblink
35.	Prasenjit Majumder, Mandar Mitra, Parth	Text Processing: FIRE 2016 International Workshop	2018	978-3-319-73606-8	Springer	Weblink

Sl. No.	Name of the teacher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Link
	Mehta and Jainisha Sankhavara, Eds.					
36.	Patil, Hemant A.; Patel, Tanvina B.	Analysis of normal and pathological voices by novel chaotic titration method	2019	9781614517597	WALTER DE GRUYTER GMBH	Weblink
37.	Patel H.N., Ghodgaonkar D.K.	Application of 3D level set based optimization in microwave breast imaging for cancer detection	2019	9781351373036; 9781315148595	CRC Press	Weblink
38.	Gajera, Hardik; Das, Manik Lal; Shah, Viral	Blockchain-powered healthcare insurance system	2019	9781785618987	Institution of Engineering and Technology	Weblink
39.	Kumar A., Rajput S.S.	Low-voltage analog signal processing	2019	9781839530517	Institution of Engineering and Technology	Weblink
40.	Joshi M.V., Upla K.P.	Multi-resolution image fusion in remote sensing	2019	9781108566285; 9781108475129	Cambridge University Press	Weblink
41.	Mekala G.K., Agrawal Y., Chandel R., Kumar A.	Performance analysis of mixed-wall CNT interconnects using colliding bodies optimization technique	2019	9781799813958; 9781799813934	IGI Global	Weblink
42.	Agrawal Y., Chandel R., Kumar M.G., Parekh R.	Prospective current mode approach for on-chip interconnects in integrated circuit designs	2019	9781839530531	Institution of Engineering and Technology	Weblink
43.	Kumar M.G., Dhiman R., Agrawal Y., Chandel A.K.	Prospective graphene-based through silicon vias in three-dimensional integrated circuits	2019	9781839530531	Institution of Engineering and Technology	Weblink
44.	Alka Parikh		2020		Gandhigram Rural Institute	Weblink
45.	Alka Parikh		2020		Gandhigram Rural Institute	Weblink
46.	Amy Neustein and Hemant A. Patil, Eds.	Acoustic Analysis of Pathologies: From Infancy to Young Adulthood	2020	9781501513138	de Gruyter	Weblink
47.	Sadjadi S.O., Patil S.A., Hansen J.H.L.	Analysis and quality conversion of non-acoustic signals: The physiological microphone (PMIC)	2020	9781501501265; 9781501510410	De Gruyter	Weblink
48.	Boyd C., Mathuria A., Stebila D.	Authentication and Key Transport Using Public Key Cryptography	2020	978-3-662-58146-9	Springer International Publishing	Weblink
49.	Hemant A. Patil, and Amy Neustein, Eds.	BAND Voice Technologies for Speech Reconstruction and Enhancement	2020	9781501510410	de Gruyter	Weblink
50.	Natalia Miloslavskaya, Alexander Tolstoy, Vladimir Budzko, and Manik Lal Das	Blockchain Application for IoT Cybersecurity Management	2020	9780429674457	CRC Press	Weblink

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51.	Boyd C., Mathuria A., Stebila D.	Computational Security Models	2020	978-3-662-58146-9	Springer International Publishing	Weblink
52.	Yash Agrawal, Eti Maheshwari, Mekala Girish Kumar and Rajeevan Chandel	Emerging Graphene FETs for Next-Generation Integrated Circuit Design	2020	978-981-15-7937-0	Springer	Weblink
53.	Vishvajit Pandya, and Madhumita Mazumdar	Feeding the Jarawas	2020	9789353883768	SAGE Publications	Weblink
54.	Boyd C., Mathuria A., Stebila D.	Group Key Establishment	2020	978-3-662-58146-9	Springer International Publishing	Weblink
55.	Boyd C., Mathuria A., Stebila D.	Identity-Based Key Agreement	2020	978-3-662-58146-9	Springer International Publishing	Weblink
56.	Boyd C., Mathuria A., Stebila D.	Introduction to Authentication and Key Establishment	2020	978-3-662-58146-9	Springer International Publishing	Weblink
57.	Boyd C., Mathuria A., Stebila D.	Key Agreement Protocols	2020	978-3-662-58146-9	Springer International Publishing	Weblink
58.	Sastry S., Saha A., Ghosh R.	Modeling the Dynamics of Carbon Dioxide Over an Educational Institute	2020	978-981-15-0630-7	Springer	Weblink
59.	Shah N.J., Patil H.A.	Non-audible murmur to audible speech conversion	2020	9781501501265; 9781501510410	De Gruyter	Weblink
60.	Nigam A., Srivastava S.	ODDMS: Online Distributed Dynamic Meeting Scheduler	2020	978-981-15-0630-7	Springer	Weblink
61.	Boyd C., Mathuria A., Stebila D.	Password-Based Protocols	2020	978-3-662-58146-9	Springer International Publishing	Weblink
62.	Desai N., Das M.L.	Privacy-Preserving Scheme Against Inference Attack in Social Networks	2020	978-981-15-3369-3	Springer	Weblink
63.	Takshashila Pathade, Yash Agrawal, Rutu Parekh, and Mekala Girish Kumar	Prospective Incorporation of Booster in Carbon Interconnects for High-Speed Integrated Circuits	2020	9789811562280	Springer	Weblink
64.	Boyd C., Mathuria A., Stebila D.	Protocols for Authentication and Key Establishment	2020	978-3-540-43107-7	Springer International Publishing	Weblink
65.	Boyd C., Mathuria A., Stebila D.	Protocols Using Shared Key Cryptography	2020	978-3-662-58146-9	Springer International Publishing	Weblink
66.	Kamalesh Kalirathinam, Hari Rathod, Yash Agrawal, and Rutu Parekh	Real-Time Crowd Detection and Surveillance System Using an Arduino Based Flight Controller for Quadcopters	2020	978-3-030-42363-6	Springer	Weblink
67.	Kirtana Sunil Phatnani and Hemant A. Patil	Role of Music on Infant Developments	2020	9781501513138	De Gruyter	Weblink
68.	Boyd C., Mathuria A., Stebila D.	Transport Layer Security Protocol	2020	978-3-662-58146-9	Springer International Publishing	Weblink

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69.	Anshu Chittora and Hemant A. Patil	Understanding infant cry analysis for pathology classification	2020	9781501513138	De Gruyter	Weblink
70.	Hardik B. Sailor and Hemant A. Patil	Unsupervised auditory filterbank learning for infant cry classification	2020	9781501513138	De Gruyter	Weblink
71.	Sahu N.K., Chadli O., Mohapatra R.N.	Variational inequalities in semi-inner product spaces	2020	978-3-030-44625-3	Springer	Weblink
72.	Nabin K. Sahu, Ouayl Chadli and R. N. Mohapatra	Variational Inequalities in Semi-inner Product Spaces, Optimization and Its Applications	2020	9783030446246	Springer	Weblink
73.	Patil H.A., Neustein A.	Voice technologies for speech reconstruction and enhancement	2020	9781501501265; 9781501510410	De Gruyter	Weblink
74.	Prashant Srivastava, Manish Khare and Ashish Khare	Content-Based Image Retrieval Using Intelligent Techniques	2021	9781003134138	Taylor & Francis	Weblink
75.	Viral Dave, Megha Pandya, Ranendu Ghosh and Suman Mitra	Desertification and Land Degradation Atlas of India : Assessment and analysis of changes over 15 years based on remote sensing	2021	978-93-82760-39-9	Space Applications Centre, ISRO, Ahmedabad	Weblink
76.	Madhumita Mazumdar	Re-imagining Kumartuli—The Artisan and the City	2021	978-981-16-0263-4	Springer	Weblink
77.	Kamal Captain and Manjunath Joshi	Spectrum Sensing for Cognitive Radio: Fundamentals and Applications	2021	9781003088554	CRC Press	Weblink
78.	Gupta P., Patil H.A.	Voice biometrics: Attacker's perspective	2021	9781785619014	IET	Weblink
79.	Shweta Rao Garg	Whose Bollywood is this anyway? : Exploring critical frameworks for studying popular Hindi cinema	2021	9781003222835	Routledge	Weblink

List of papers published in national/ international conference proceedings

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Link
1	Nahar S., Joshi M.V.	A learned overcomplete sparseness and IGMRF based regularization framework for dense disparity estimation	Proceedings - 3rd IAPR Asian Conference on Pattern Recognition, ACPR 2015	2016	9781479961009	Weblink
2	Gandhi, Deep; Patel, Tanvina B.; Patil, Hemant A.	A novel lowpass filtering-based approach for estimating strength of excitation from speech signal	2016 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM)	2016	9781509017461	Weblink
3	Nahar, Sonam; Joshi, Manjunath V.	A regularization framework for stereo matching using IGMRF prior and sparseness learned from autoencoder	2016 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP)	2016	9781467399616	Weblink
4	Sarvabhatla, Mrudula; Reddy, M. Chandra Mouli; Narayana, Kodavali Lakshmi; Vorugunti, Chandra Sekhar	A Robust User Anonymity Preserving Biometric Based Multi-server Authenticated Key Agreement Scheme	COMPUTATIONAL INTELLIGENCE, CYBER SECURITY AND COMPUTATIONAL MODELS, ICC3 2015	2016	978-981-10-0251-9	Weblink
5	Shafiullah S.Md., Reddy M.C.M., Gorripati R., Bapana S., Naresh M.M., Vorugunti C.S.	A secure and light weight three factor authentication protocol for Large Scale Distributed wireless sensor networks	Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016	2016	9781467393379	Weblink
6	Sarvabhatla M., Vorugunti C.S.	A secure and robust dynamic ID-based mutual authentication scheme with smart card using elliptic curve cryptography	7th International Workshop on Signal Design and Its Applications in Communications, IWSDA 2015	2016	9781467383097	Weblink
7	Sokhadia, Harshil; Mathuria, Anish	A Tool for Visualizing Concurrent C Programs Using Graphs	2016 IEEE 8TH INTERNATIONAL CONFERENCE ON TECHNOLOGY FOR EDUCATION (T4E 2016)	2016	9781509061150	Weblink
8	Bathiya, Bhavika; Srivastava, Sanjay; Mishra, Biswajit	Air Pollution Monitoring Using Wireless Sensor Network	2016 IEEE INTERNATIONAL WIE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (IEEE WIECON-ECE 2016)	2016	9781509037452	Weblink
9	Zaki, Mohammadi; Sailor, Hardik B.; Patil, Hemant A.	Analysis of Hierarchical Bottleneck Framework for Improved Phoneme Recognition	2016 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM)	2016	9781509017461	Weblink
10	Patel, Tanvina B.; Patil, Hemant A.	Analysis of natural and synthetic speech using Fujisaki model	2016 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND	2016	9781479999880	Weblink

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Link
			SIGNAL PROCESSING PROCEEDINGS			
11	Dubey, Mohnish; Dasgupta, Sourish; Sharma, Ankit; Hoeffner, Konrad; Lehmann, Jens	AskNow: A framework for natural language query formalization in SPARQL	SEMANTIC WEB: LATEST ADVANCES AND NEW DOMAINS	2016	978-3-319-34129-3	Weblink
12	Keswani Y., Trivedi H., Mehta P., Majumder P.	Author masking through translation	CEUR Workshop Proceedings	2016	1.6E+07	Weblink
13	Yashwant Keswani, Harsh Trivedi, Parth Mehta, and Prasenjit Majumder	Author Masking through Translation-Notebook for PAN at CLEF 2016	Conference and Labs of the Evaluation Forum	2016	978-3-319-44564-9	Weblink
14	Saha, Rupsa; Phophalia, Ashish; Mitra, Suman K.	Brain tumor segmentation from multimodal MR images using rough sets	COMPUTER VISION, GRAPHICS, AND IMAGE PROCESSING, ICVGIP 2016	2016	978-3-319-68124-5	Weblink
15	Bansal, Bhavya; Patel, Ronak; Das, Manik Lal	CheckPDF: Check what is inside before signing a PDF document	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SIGNAL, NETWORKS, COMPUTING, AND SYSTEMS (ICSNCS 2016), VOL 2	2016	978-81-322-3589-7	Weblink
16	Patel, Viral; Chaturvedi, Manish; Srivastava, Sanjay	Comparison of SUMO and SiMTrAM for Indian Traffic Scenario Representation	INTERNATIONAL CONFERENCE ON TRANSPORTATION PLANNING AND IMPLEMENTATION METHODOLOGIES FOR DEVELOPING COUNTRIES (11TH TPMDC) SELECTED PROCEEDINGS	2016	9781510834941	Weblink
17	Patel H.N., Ghodgaonkar D.K.	Computationally efficient microwave imaging of human breast model using group theory	IEEE MTT-S International Microwave and RF Conference 2015, IMaRC 2015	2016	9781509001569	Weblink
18	Ravindran V., Sunitha V., Bagler G.	Controllability of human cancer signaling network	2016 International Conference on Signal Processing and Communication, ICSC 2016	2016	9781509026845	Weblink
19	Shah, Jaipa; Mishra, Biswajit.	Customized IoT enabled Wireless Sensing and Monitoring Platform for preservation of artwork in heritage buildings	PROCEEDINGS OF THE 2016 IEEE INTERNATIONAL CONFERENCE ON WIRELESS COMMUNICATIONS, SIGNAL PROCESSING AND NETWORKING (WISPNET)	2016	9781467393379	Weblink

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20	Shah, Jalpa; Mishra, Biswajit	Customized IoT enabled Wireless Sensing and Monitoring Platform for Smart Buildings	3RD INTERNATIONAL CONFERENCE ON INNOVATIONS IN AUTOMATION AND MECHATRONICS ENGINEERING 2016, ICIAME 2016	2016	978-1-5108-3638-9	Weblink
21	Jain D., Majumder P.	DA-IICT submission for PDTB-styled discourse parser	Proceedings of the 20th SIGNLL Conference on Computational Natural Language Learning: Shared Task, CoNLL 2016	2016	1932432663; 9781932432664	Weblink
22	Jain N., Mishra B.	DCT and CORDIC on a novel configurable hardware	Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics	2016	9781509001361	Weblink
23	Nahar, Sonam; Joshi, Manjunath V.	Dense Disparity Estimation Based on Feature Matching and IGMRF Regularization	2016 23RD INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION (ICPR)	2016	9781509048472	Weblink
24	Bhateja P.	Designing distributed systems W.R.T. conformance	Proceedings - Asia-Pacific Software Engineering Conference, APSEC	2016	9781467396448	Weblink
25	Chaturvedi M., Srivastava S.	Edge-level real-time traffic estimation with limited infrastructure	2015 IEEE 82nd Vehicular Technology Conference, VTC Fall 2015 - Proceedings	2016	9781479980918	Weblink
26	Vangala, Ram Naresh Kumar; Banerjee, Asim	Effect of ICT on Knowledge Management Process in Indian Milk Co-operatives: A Structural Equation Modeling Approach	2016 IEEE REGION 10 HUMANITARIAN TECHNOLOGY CONFERENCE (R10-HTC)	2016	9781509041770	Weblink
27	Patel T.B., Patil H.A.	Effectiveness of fundamental frequency (F0) and strength of excitation (SOE) for spoofed speech detection	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2016	9781479999880	Weblink
28	Patel, Tanvina B.; Patil, Hemant A.	EFFECTIVENESS OF FUNDAMENTAL FREQUENCY (F-0) AND STRENGTH OF EXCITATION (SOE) FOR SPOOFED SPEECH DETECTION	2016 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING PROCEEDINGS	2016	9781479999880	Weblink
29	Captain, Kamal M.; Joshi, Manjunath V.	Energy Detection Based Spectrum Sensing Over eta-lambda-mu Fading Channel	2016 8TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS AND NETWORKS (COMSNETS)	2016	9781467396233	Weblink
30	Captain K.M., Joshi M.V.	Energy detection based spectrum sensing over η - λ - μ fading channel	2016 8th International Conference on Communication Systems and Networks, COMSNETS 2016	2016	9781467396233	Weblink
31	Patel R., Mitra S.K.	Extracting text from degraded document image	2015 5th National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics, NCVPRIPG 2015	2016	9781467385640	Weblink

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32	Sailor, Hardik B.; Patil, Hemant A.	FILTERBANK LEARNING USING CONVOLUTIONAL RESTRICTED BOLTZMANN MACHINE FOR SPEECH RECOGNITION	2016 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING PROCEEDINGS	2016	9781479999880	Weblink
33	Mehta P.	From extractive to abstractive summarization: A journey	54th Annual Meeting of the Association for Computational Linguistics, ACL 2016 - Student Research Workshop	2016	9781510827608	Weblink
34	Sharma V., Jain N., Mishra B.	Fully-digital time based ADC/TDC in 0.18µm CMOS	2016 International Conference on VLSI Systems, Architectures, Technology and Applications, VLSI-SATA 2016	2016	9781509000333	Weblink
35	Shah, Jalpa; Mishra, Biswajit	IoT enabled environmental monitoring system for smart cities	2016 INTERNATIONAL CONFERENCE ON INTERNET OF THINGS AND APPLICATIONS (IOTA)	2016	9781509000449	Weblink
36	Rajpal A., Patil H.A.	Jerk Minimization for Acoustic-To-Articulatory Inversion	9th ISCA Speech Synthesis Workshop, SSW 2016	2016	10.21437/SSW.2016-14	Weblink
37	Shikkenawis G., Mitra S.K.	Kernelization of locality preserving discriminant projection	2015 5th National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics, NCVPRIPG 2015	2016	9781467385640	Weblink
38	Madhavi, Maulik C.; Patil, Hemant A.	Modification in sequential dynamic time warping for fast computation of query-by-example spoken term detection task	2016 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM)	2016	9781509017461	Weblink
39	Meisheri, Hardik; Ramrao, Nagaraj; Mitra, Suman K.	Multiclass common spatial pattern with artifacts removal methodology for EEG signals	2016 4TH INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL AND BUSINESS INTELLIGENCE (ISCBi)	2016	9781509034888	Weblink
40	Rajpal, Avni; Patel, Tanvina B.; Sailor, Hardik B.; Madhavi, Maulik C.; Patil, Hemant A.; Fujisaki, Hiroya	Native language identification using spectral and source-based features	17TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2016), VOLS 1-5: UNDERSTANDING SPEECH PROCESSING IN HUMANS AND MACHINES	2016	9781510833135	Weblink
41	Trivedi, Harsh; Majumder, Prasenjit	Noise correction in pairwise document preferences for learning to rank	INFORMATION RETRIEVAL TECHNOLOGY, AIRS 2016	2016	978-3-319-48051-0	Weblink
42	Soni M.H., Patil H.A.	Non-intrusive Quality Assessment of Synthesized Speech using Spectral Features and Support Vector Regression	9th ISCA Speech Synthesis Workshop, SSW 2016	2016	10.21437/SSW.2016-14	Weblink

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43	Soni, Meet H.; Patil, Hemant A.	Novel Deep Autoencoder Features for Non-intrusive Speech Quality Assessment	2016 24TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2016	9780992862657	Weblink
44	Bhaysar, Himanshu N.; Patel, Tanvina B.; Patil, Hemant A.	Novel Nonlinear Prediction Based Features for Spoofed Speech Detection	17TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2016), VOLS 1-5: UNDERSTANDING SPEECH PROCESSING IN HUMANS AND MACHINES	2016	9781510833135	Weblink
45	Rao S.V., Shah N.J., Patil H.A.	Novel Pre-processing using Outlier Removal in Voice Conversion	9th ISCA Speech Synthesis Workshop, SSW 2016	2016	10.21437/SSW.2016-14	Weblink
46	Soni, Meet H.; Patel, Tanvina B.; Patil, Hemant A.	Novel subband autoencoder features for detection of spoofed speech	17TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2016), VOLS 1-5: UNDERSTANDING SPEECH PROCESSING IN HUMANS AND MACHINES	2016	9781510833135	Weblink
47	Soni, Meet H.; Patil, Hemant A.	Novel Subband Autoencoder Features for Non-intrusive Quality Assessment of Noise Suppressed Speech	17TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2016), VOLS 1-5: UNDERSTANDING SPEECH PROCESSING IN HUMANS AND MACHINES	2016	9781510833135	Weblink
48	Rahul Muthu and Mahipal Jadeja Labeled	Object Treemap: A new technique for visualizing multiple hierarchies	Proceeding of the 19th Japan-Korea Joint Workshop on Algorithms and Computation	2016	NA	Weblink
49	Benerjee K.G., Gupta M.K.	On dress codes with flowers	7th International Workshop on Signal Design and Its Applications in Communications, IWSDA 2015	2016	9781467383097	Weblink
50	Limbachiya D., Dhameliya V., Khakhar M., Gupta M.K.	On optimal family of codes for archival DNA storage	7th International Workshop on Signal Design and Its Applications in Communications, IWSDA 2015	2016	9781467383097	Weblink
51	Gajera H., Naik S., Das M.N.L.	On the security of "verifiable privacy-preserving monitoring for cloud-assisted mhealth systems"	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2016	978-3-319-49806-5	Weblink
52	Desai N., Das M.L.	On the security of RFID authentication protocols	2015 IEEE International Conference on Electronics,	2016	9781479999859	Weblink

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Link
			Computing and Communication Technologies, CONECCT 2015			
53	Agrawal, Sarita; Patel, Jay; Das, Manik Lal	Pairing based mutual healing in wireless sensor networks	2016 8TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS AND NETWORKS (COMSNETS)	2016	9781467396233	Weblink
54	Modha, Sandip; Joshi, Khushbu	Performance analysis of clustering algorithm in sensing microblog for smart cities	PROCEEDINGS OF THE INTERNATIONAL CONGRESS ON INFORMATION AND COMMUNICATION TECHNOLOGY, ICICT 2015, VOL 2	2016	978-981-10-0755-2	Weblink
55	Captain K.M., Joshi M.V.	Performance of wideband spectrum sensing under fading channel	7th International Workshop on Signal Design and Its Applications in Communications, IWSDA 2015	2016	9781467383097	Weblink
56	Modha S., Mandalia C., Agrawal K., Verma D., Majumder P.	Real time information extraction from microblog	CEUR Workshop Proceedings	2016	1.6E+07	Weblink
57	Dave J., Das M.L.	Securing SQL with access control for database as a service model	ACM International Conference Proceeding Series	2016	9781450339629	Weblink
58	Mahipal Jadeja, Rahul Muthu and V. Sunitha	Set Labelling Vertices To Ensure Adjacency Coincides With Disjointness	CTGTC 2016	2016	10.1016/j.endm.2017.11.019	Weblink
59	Vasavada, Yash M.; Beex, A. A. (Louis); Reed, Jeffrey H.	SIMO Diversity Reception in Rayleigh and Rician Fading with Imperfect Channel Estimation	2016 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2016	9781509020287	Weblink
60	Captain, Kamal M.; Joshi, Manjunath V.	Square Law Selection Diversity for Wideband Spectrum Sensing Under Fading	2016 IEEE 84TH VEHICULAR TECHNOLOGY CONFERENCE (VTC FALL)	2016	9781509017010	Weblink
61	Yash Agrawal	Stability analysis of carbon nanotube interconnects	Springer International Conference on Intelligent Computing and Applications (ICICA),	2016	978-1-6654-8271-4	Weblink
62	Sankhavara J.	Team DA-IICT at consumer health information Search@FIRE2016	CEUR Workshop Proceedings	2016	1.6E+07	Weblink
63	Yash Agrawal	Time-domain analytical modeling of current-mode signaling bundled single-wall carbon nanotube interconnects	Springer International Conference on Intelligent Computing and Applications (ICICA),	2016	978-1-6654-8271-4	Weblink

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Link
64	Tripathi S., Jain N., Mishra B.	Ultra low power 128 byte memory design based on D-Latch in 0.18 μ m process	Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics	2016	9781509001361	Weblink
65	Kasodniya S.K., Mishra B., Desai N.M.	Ultra low power capacitive power management unit in 0:18 μ m CMOS	2016 International Conference on VLSI Systems, Architectures, Technology and Applications, VLSI-SATA 2016	2016	9781509000333	Weblink
66	Sailor, Hardik B.; Patil, Hemant A.	Unsupervised deep auditory model using stack of convolutional RBMs for speech recognition	17TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2016), VOLS 1-5: UNDERSTANDING SPEECH PROCESSING IN HUMANS AND MACHINES	2016	9781510833135	Weblink
67	Sailor, Hardik B.; Patil, Hemant A.	Unsupervised learning of temporal receptive fields using convolutional RBM for ASR task	2016 24TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2016	9780992862657	Weblink
68	Padiya, Trupti; Kanwar, Jai Jai; Bhise, Minal	Workload aware hybrid partitioning	COMPUTE 2016	2016	9781450348089	Weblink
69	Patel, Hardik N.; Ghodgaonkar, Deepak K.	3D Level Set Based Optimization of Inverse Scattering Problem for Microwave Breast Imaging	2017 FIRST IEEE MTT-S INTERNATIONAL MICROWAVE BIO CONFERENCE (IMBIOC)	2017	9781538617137	Weblink
70	Patel P., Mishra B., Nagchoudhuri D.	A 36 nW power management unit for solar energy harvesters using 0.18 μ m CMOS	Communications in Computer and Information Science	2017	978-981-10-7470-7	Weblink
71	Vasavada, Y.; Sasidhar, P. S. Kalyan	A Hierarchical Cyber Physical System for Integrated Demand Side Management of Power Usage in Buildings	2017 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	2017	9781538623473	Weblink
72	Bhateja, Puneet	A new semantic equivalence for real-time processes	PROCEEDINGS OF THE 10TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2017	9781450348560	Weblink
73	Bachhav, Pramod; Patil, Hemant A.	A Novel Filterbank for Epoch Estimation	2017 25TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2017	9780992862671	Weblink
74	Shah, Harshil; Kamaria, Siddharth; Markandeya, Riddhesh; Shah, Miral; Chaudhury, Bhaskar	A Novel Implementation of 2D3V Particle-In-Cell (PIC) Algorithm for Kepler GPU Architecture	2017 IEEE 24TH INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING (HIPC)	2017	9781538622933	Weblink

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75	Chaudhari, Payal; Das, Manik Lal	A(2)BSE: Anonymous Attribute Based Searchable Encryption	2017 ISEA ASIA SECURITY AND PRIVACY CONFERENCE (ISEASP 2017)	2017	9781509059430	Weblink
76	Chaudhari P., Das M.L.	A2BSE: Anonymous attribute based searchable encryption	ISEA Asia Security and Privacy Conference 2017, ISEASP 2017	2017	9781509059423	Weblink
77	Doshi, R. J.; Ghodgaonkar, Deepak; Bhardhwaj, P. S.; Singh, D. K.; Das, D. K.	Accurate Characterization of High Power SSPA under Multicarrier Operation For Satellite Communications	2017 INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING, INSTRUMENTATION AND CONTROL TECHNOLOGIES (ICICICT)	2017	9781509061068	Weblink
78	Tiwari, Pooja; Meena, Dilip Kumar; Pillutla, Laxminarayana S.	Adaptive Learning Based Directional MAC Protocol for Millimeter Wave (mmWave) Wireless Networks	2017 IEEE 28TH ANNUAL INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR, AND MOBILE RADIO COMMUNICATIONS (PIMRC)	2017	9781538635315	Weblink
79	Chaturvedi, Manish; Srivastava, Sanjay	Advanced Traveler Information System using COCOMO and ECOMO	2017 IEEE REGION 10 INTERNATIONAL SYMPOSIUM ON TECHNOLOGIES FOR SMART CITIES (IEEE TENSYP 2017)	2017	9781509062553	Weblink
80	Vasavada, Yash; Reed, Jeffrey H.	Amplitude and Phase Calibration of Antenna Arrays	2017 IEEE MTT-S INTERNATIONAL MICROWAVE AND RF CONFERENCE (IMARC)	2017	9781538613207	Weblink
81	Kotak, Nishith A.; Roy, Anil K.	An accelerometer based handwriting recognition of English alphabets using basic strokes	TENCON 2017 - 2017 IEEE REGION 10 CONFERENCE	2017	9781509011339	Weblink
82	Vasavada, Y.; Prakash, C.	An iterative message passing approach for compressive spectrum sensing	2017 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2017	9781509063673	Weblink
83	Sprague M., Mitra S.K.	An unsupervised Bayesian approach to lung nodule segmentation in computed tomography	VISIGRAPP 2017 - Proceedings of the 12th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications	2017	9789897582257	Weblink
84	Shah, Nirmesh J.; Patil, Hemant A.	Analysis of Features and Metrics for Alignment in Text-Dependent Voice Conversion	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2017	2017	978-3-319-69900-4	Weblink
85	Puneet Bhateja	Asynchronous testing of real-time systems	8th International Symposium on Symbolic Computation in Software Science (SCSS 2017),	2017		Weblink
86	Pillutla, Laxminarayana S.;	Bayesian CRLB for Joint AoA, AoD and Multipath Gain	GLOBECOM 2017 - 2017 IEEE GLOBAL	2017	9781509050192	Weblink

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	Annavajjala, Ramesh	Estimation in Millimeter Wave Wireless Networks	COMMUNICATIONS CONFERENCE			
87	Sahu N.K., Nahak C., Mohapatra R.N.	Bessel sequences and frames in semi-inner product spaces	Communications in Computer and Information Science	2017	978-981-10-4642-1	Weblink
88	Sankhavara J., Majumder P.	Biomedical information retrieval	CEUR Workshop Proceedings	2017	1.6E+07	Weblink
89	Prajapati, Shreyansh A.; Nagaraj, R.; Mitra, Suman	Classification of Dental Diseases Using CNN and Transfer Learning	2017 5TH INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL AND BUSINESS INTELLIGENCE (ISCB)	2017	9781538617717	Weblink
90	Madhavi, Maulik C.; Patil, Hemant A.	Combining Evidences from Detection Sources for Query-by-Example Spoken Term Detection	2017 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC 2017)	2017	9781538615423	Weblink
91	Khare, Manish; Gwak, Jeonghwan; Jeon, Moongu	Complex Wavelet Transform-based Approach for Human Action Recognition in Video	2017 INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION AND INFORMATION SCIENCES (ICCAIS)	2017	9781538631140	Weblink
92	Ashutosh, A.; Savitha, R.; Suresh, S.	Comprehensive Study of Features for Subject-independent Emotion Recognition	2017 INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS (IJCNN)	2017	9781509061815	Weblink
93	Mishra, Biswajit; Thakkar, Nilesh	Cuffless Blood Pressure Monitoring using PTT and PWV Methods	2017 INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN SIGNAL PROCESSING AND EMBEDDED SYSTEMS (RISE)	2017	9781509047604	Weblink
94	Gupta R., Narwaria M.	DA-IICT at MediaEval 2017: Objective prediction of media interestingness	CEUR Workshop Proceedings	2017	1.6E+07	Weblink
95	Shah, Milind; Gupta, Sanjeev	Design and Analysis of a Flexible Multifractal Cantor Antenna	2017 IEEE INTERNATIONAL CONFERENCE ON ANTENNA INNOVATIONS & MODERN TECHNOLOGIES FOR GROUND, AIRCRAFT AND SATELLITE APPLICATIONS (IAIM)	2017	9781538606469	Weblink
96	Joshi, Rathin; Agrawal, Yash; Parekh, Rutu	Design and Optimization of Single Electron Transistor based 4-Bit Arithmetic and Logic Unit at Room Temperature Operation	2017 3RD IEEE INTERNATIONAL SYMPOSIUM ON NANO-ELECTRONIC AND INFORMATION SYSTEMS (INIS)	2017	9781538613566	Weblink
97	Pokhara A., Mishra B.	Design methodology for an Energy Neutral Health Monitoring Wireless Sensor Node	Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016	2017	9781509025411	Weblink

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98	Jani, Abhishek B.; Bagree, Ravi; Roy, Anil K.	Design of a low-power, low-cost ECG & EMG sensor for wearable biometric and medical application	2017 IEEE SENSORS	2017	9781509010127	Weblink
99	Pokhara, Ankur; Agrawal, Jatin; Mishra, Biswajit	Design of an All-Digital, Low Power Time-to-Digital Converter in 0.18 μ m CMOS	2017 7TH INTERNATIONAL SYMPOSIUM ON EMBEDDED COMPUTING AND SYSTEM DESIGN (ISED)	2017	0.1109/ISED.2017.8303904	Weblink
100	Pankaj Chaudhary, D. K. Ghodgaonkar, G. D. Makwana and Sanjeev Gupta.	Design of Compact Circularly Polarized Rectangular Dielectric Resonator Antenna with Finite Ground Planes for Navigational Satellite Applications	10th International Conference of Antenna Test and Measurement Society (ATMS-2017),	2017	978-0-7354-4029-6	Weblink
101	Chaudhary, Pankaj; Ghodgaonkar, D. K.; Gupta, Sanjeev; Makwana, G. D.	Design of Compact Circularly Polarized Rectangular Dielectric Resonator Antenna with WBLC for Navigational Satellite Applications	2017 IEEE INTERNATIONAL CONFERENCE ON ANTENNA INNOVATIONS & MODERN TECHNOLOGIES FOR GROUND, AIRCRAFT AND SATELLITE APPLICATIONS (IAIM)	2017	9781538606469	Weblink
102	Vishnav, Nileshkumar; Tatu, Aditya	Downsampling on Bipartite Graphs: An Algebraic Perspective	2017 IEEE GLOBAL CONFERENCE ON SIGNAL AND INFORMATION PROCESSING (GLOBALSIP 2017)	2017	9781509059904	Weblink
103	Padiya T., Bhise M.	DWAHP: Workload aware hybrid partitioning and distribution of RDF data	ACM International Conference Proceeding Series	2017	9781450352208	Weblink
104	Soni, Meet H.; Patil, Hemant A.	Effectiveness of ideal ratio mask for non-intrusive quality assessment of noise suppressed speech	2017 25TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2017	9780992862671	Weblink
105	Kamble, Madhu R.; Patil, Hemant A.	Effectiveness of Mel Scale-Based ESA-IFCC Features for Classification of Natural vs. Spoofed Speech	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2017	2017	978-3-319-69900-4	Weblink
106	Londhey, Arjun; Das, Manik Lal	Efficient image authentication scheme using genetic algorithms	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY, (ICDCIT 2017)	2017	978-3-319-50472-8	Weblink
107	Vaishnav, Harshul; Sharma, Smriti; Mathuria, Anish	Efficient Implementation of Private License Plate Matching Protocols	SECURITY, PRIVACY, AND APPLIED CRYPTOGRAPHY ENGINEERING, SPACE 2017	2017	978-3-319-71501-8	Weblink
108	Batavia, Darshan; Tatu, Aditya	Estimating graph topology from sparse graph signals with an application to image denoising	2017 IEEE 19TH INTERNATIONAL WORKSHOP ON MULTIMEDIA SIGNAL PROCESSING (MMSP)	2017	9781509036493	Weblink
109	Odhaviya, Ronak; Modi, Anamika;	Feasibility of Idle Port Scanning Using RST Rate-Limit	SIN'17: PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON	2017	9781450353038	Weblink

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	Sheth, Rahi; Mathuria, Anish		SECURITY OF INFORMATION AND NETWORKS			
110	Agrawal P., Patil H.A.	Fusion of a novel volterra-wiener filter based nonlinear residual phase and mfcc for speaker verification	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	978-3-319-66429-3	Weblink
111	Koringa P.A., Mitra S.K., Asari V.K.	Handling illumination variation: A challenge for face recognition	Advances in Intelligent Systems and Computing	2017	978-981-10-2107-7	Weblink
112	Goswami, Mukesh M.; Mitra, Suman K.	High-level shape representation in printed Gujarati characters	ICPRAM: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION APPLICATIONS AND METHODS	2017	9789897582226	Weblink
113	Tilala, Pradip; Roy, Anil K.; Das, Manik Lal	Home Access Control through a Smart Digital Locking-Unlocking System	TENCON 2017 - 2017 IEEE REGION 10 CONFERENCE	2017	9781509011339	Weblink
114	Sasidhar, Kalyan; Satyajeet, Satyam	iKnow How You Walk - A smartphone based personalized gait diagnosing system	2017 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2017	9781509063673	Weblink
115	Yadav, Mahendra Kumar; Ghosh, Ranendu; Sahu, Kartick Chandra; Kalubarme, M. H.	Impact of Canal Irrigation on Agriculture in Halvad Block of Gujarat using Remote Sensing and GIS Technology	2017 IEEE TECHNOLOGICAL INNOVATIONS IN ICT FOR AGRICULTURE AND RURAL DEVELOPMENT (TIAR)	2017	9781509044375	Weblink
116	Kumar, Naveen; Mathuria, Anish	Improved write access control and stronger freshness guarantee to outsourced data	18TH INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING AND NETWORKING (ICDCN 2017)	2017	9781450348393	Weblink
117	Singla R., Modha S., Majumder P., Mandalia C.	Information extraction from microblog for disaster related event	CEUR Workshop Proceedings	2017	1.6E+07	Weblink
118	Pillutla, Laxminarayana S.; Annavaajala, Ramesh	Integrated Acquisition and Tracking Scheme for Channel Estimation in Millimeter Wave Wireless Networks	2017 IEEE 28TH ANNUAL INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR, AND MOBILE RADIO COMMUNICATIONS (PIMRC)	2017	9781538635315	Weblink
119	Vasavada T., Srivastava S.	Joint distributed scheduling and tree formation for heterogeneous wireless sensor networks	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016	2017	9781509021932	Weblink

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120	Vangala, Ram Naresh Kumar; Banerjee, Asim; Hiremath, B. N.	Linkage Between ICT and Agriculture Knowledge Management Process: A Case Study from Non-Government Organizations (NGOs), India	INFORMATION AND COMMUNICATION TECHNOLOGIES FOR DEVELOPMENT	2017	978-3-319-59111-7	Weblink
121	Jain, Anubha; Padiya, Trupti; Bhise, Minal	Log based method for faster IoT queries	2017 IEEE REGION 10 INTERNATIONAL SYMPOSIUM ON TECHNOLOGIES FOR SMART CITIES (IEEE TENSYP 2017)	2017	9781509062553	Weblink
122	Trivedi N., Das M.L.	MalDetec: A non-root approach for dynamic malware detection in android	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	978-3-319-72598-7	Weblink
123	Krishnan, Arun; Das, Manik Lal	Medical image security with cheater identification using secret sharing scheme	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SIGNAL, NETWORKS, COMPUTING, AND SYSTEMS (ICSNCS 2016), VOL 1	2017	978-81-322-3592-7	Weblink
124	Modha S.	Microblog processing: A study	CEUR Workshop Proceedings	2017	1.6E+07	Weblink
125	Agrawal S., Das M.L.	Node revocation and key update protocol in wireless sensor networks	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016	2017	9781509021932	Weblink
126	Shah, Nirmesh J.; Patil, Hemant A.	NOVEL AMPLITUDE SCALING METHOD FOR BILINEAR FREQUENCY WARPING-BASED VOICE CONVERSION	2017 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP)	2017	9781509041176	Weblink
127	Kamble, Madhu R.; Patil, Hemant A.	Novel Energy Separation Based Frequency Modulation Features For Spoofed Speech Classification	2017 NINTH INTERNATIONAL CONFERENCE ON ADVANCES IN PATTERN RECOGNITION (ICAPR)	2017	9781538622414	Weblink
128	Kamble, Madhu R.; Patil, Hemant A.	Novel energy separation based instantaneous frequency features for spoof speech detection	2017 25TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2017	9780992862671	Weblink
129	Nagpal, Ankit; Patil, Hemant A.	Novel Gammatone Filterbank Based Spectro-Temporal Features for Robust Phoneme Recognition	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2017	2017	978-3-319-69900-4	Weblink
130	Dad, Vineet Kumar; Gupta, Sanjeev	Novel High Q Coaxial Resonator Filter for Millimeter Wave Application	2017 IEEE MTT-S INTERNATIONAL MICROWAVE AND RF CONFERENCE (IMARC)	2017	9781538613207	Weblink
131	Gandhi A., Patil H.A.	Novel linear prediction temporal phase based features for speaker recognition	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial	2017	978-3-319-66429-3	Weblink

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			Intelligence and Lecture Notes in Bioinformatics)			
132	Naik A.J., Tak R., Patil H.A.	Novel phase encoded mel cepstral features for speaker verification	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	978-3-319-66429-3	Weblink
133	Tak, Rishabh N.; Agrawal, Dharmesh M.; Patil, Hemant A.	Novel Phase Encoded Mel Filterbank Energies for Environmental Sound Classification	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2017	2017	978-3-319-69900-4	Weblink
134	Soni, Meet H.; Tak, Rishabh; Patil, Hemant A.	Novel shifted real spectrum for exact signal reconstruction	18TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2017), VOLS 1-6: SITUATED INTERACTION	2017	9781510848764	Weblink
135	Agrawal, Dharmesh M.; Sailor, Hardik B.; Soni, Meet H.; Patil, Hemant A.	Novel TEO-based gammatone features for environmental sound classification	2017 25TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2017	9780992862671	Weblink
136	Patil, Hemant A.; Kamble, Madhu R.; Patel, Tanvina B.; Soni, Meet	Novel variable length teager energy separation based instantaneous frequency features for replay detection	18TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2017), VOLS 1-6: SITUATED INTERACTION	2017	9781510848764	Weblink
137	Garg V., Mathuria A.	On automated detection of multi-protocol attacks using AVISPA	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	978-3-319-72598-7	Weblink
138	Shah, Nirmesh J.; Patil, Hemant A.	On the Convergence of INCA Algorithm	2017 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC 2017)	2017	9781538615423	Weblink
139	Chaudhari P., Das M.L.	On the security of a searchable anonymous attribute based encryption	Communications in Computer and Information Science	2017	978-981-10-4642-1	Weblink
140	Sharma, Ritu; Das, Manik Lal	On the Verification of Conjunctive Keyword Search Results using Authenticated Crawlers	2017 9TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS AND NETWORKS (COMSNETS)	2017	9781509042500	Weblink

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141	Koringa, Purvi A.; Mitra, Suman K.	Orthogonal Neighborhood Preserving Projection using L1-norm Minimization	ICPRAM: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION APPLICATIONS AND METHODS	2017	9789897582226	Weblink
142	Mudliar, Shweta; Pillutla, Laxminarayana S.	Performance Evaluation of Memory Guided Directional MAC Protocol in the Presence of Relays	2017 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	2017	9781538623473	Weblink
143	Yash Agrawal, Rajeean Chandel, and Rutu Parekh	Performance Evaluation of On-chip Global Interconnects in DSM Technology using Different Signaling Techniques	International Conference on Emerging Trends in Engineering Innovations and Technology Management (ICET: EITM-2017),	2017	978-1-5090-3405-5	Weblink
144	Priya S.S., Gupta L.	Predicting the future in time series using auto regressive linear regression modeling	IFIP International Conference on Wireless and Optical Communications Networks, WOCN	2017	978-1-5090-4884-7	Weblink
145	Chaudhari, Payal; Das, Manik Lal	Privacy Preserving Signcryption Scheme	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY, (ICDCIT 2017)	2017	978-3-319-50472-8	Weblink
146	Chaudhari P., Das M.L., Dasgupta D.	Privacy-preserving proxy re-encryption with fine-grained access control	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	978-3-319-72598-7	Weblink
147	Rajpal, Avni; Shah, Nirmesh J.; Zaki, Mohammadi; Patil, Hemant A.	QUALITY ASSESSMENT OF VOICE CONVERTED SPEECH USING ARTICULATORY FEATURES	2017 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP)	2017	9781509041176	Weblink
148	G. Parimala Gandhi, Nagaraj Ramrao, and Manoj Kumar Singh	Robust Flare Phase Auto Landing of Aircrafts, Based on Modified ASBO	Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications (FICTA 2016),	2017	978-981-10-3156-4	Weblink
149	Desai, Deshana; Nisar, Harsh; Bhardawaj, Rishabh	Role of temporal diversity in inferring social ties based on spatio-temporal data	PROCEEDINGS OF THE FOURTH ACM IKDD CONFERENCES ON DATA SCIENCES (CODS '17)	2017	9781450348461	Weblink
150	Vasavada, Tejas; Srivastava, Sanjay	Schedule length balancing for aggregated convergecast in multiple sinks wireless sensor networks	2017 IEEE REGION 10 INTERNATIONAL SYMPOSIUM ON TECHNOLOGIES FOR SMART CITIES (IEEE TENSYP 2017)	2017	9781509062553	Weblink
151	Pillutla, Laxminarayana	Sequential Cooperative Spectrum Sensing in Cognitive Radio Networks:	2017 9TH INTERNATIONAL CONFERENCE ON COMMUNICATION	2017	9781509042500	Weblink

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	S.; Joshi, Bhuvan	Optimal Selection of Secondary Users and their Spectral Measurements	SYSTEMS AND NETWORKS (COMSNETS)			
152	Shah, Dhruv; Shah, Pratik; Banerjee, Asim	Similarity based regularization for online matrix-factorization problem: An application to course recommender systems	TENCON 2017 - 2017 IEEE REGION 10 CONFERENCE	2017	9781509011339	Weblink
153	Beghein, Y.; Mitharwal, R.; Cools, K.; Andriulli, F. P.	Spectral and Algorithmic Strategies for Penetrable Scatterers on Simply and non-Simply Connected Geometries	2017 INTERNATIONAL CONFERENCE ON ELECTROMAGNETICS IN ADVANCED APPLICATIONS (ICEAA)	2017	9781509044511	Weblink
154	Shah F., Shah P., Dubey R.	Specularity removal for robust road detection	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2017	9781509025961	Weblink
155	Sharma A., Parekh Z., Talukdar P.	Speeding up reinforcement learning-based information extraction training using asynchronous methods	EMNLP 2017 - Conference on Empirical Methods in Natural Language Processing, Proceedings	2017	9781945626838	Weblink
156	Madhavi, Maulik C.; Patil, Hemant A.; Bhendawade, Nikhil	Spoken Keyword Retrieval Using Source and System Features	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2017	2017	978-3-319-69900-4	Weblink
157	Modha S., Singla R., Majumder P., Soni C.	Summarizing disaster related event from microblog	CEUR Workshop Proceedings	2017	1.6E+07	Weblink
158	Patel H.N., Ghodgaonkar D.K.	The effect of noise on complex permittivity reconstruction in mathematical breast model	2016 International Conference on Systems in Medicine and Biology, ICSMB 2016	2017	9781467376662	Weblink
159	Thakkar H., Keswani Y., Dubey M., Lehmann J., Auer S.	Trying not to die benchmarking - Orchestrating RDF and graph data management solution benchmarks using LITMUS	ACM International Conference Proceeding Series	2017	9781450352963	Weblink
160	Tiwari, Saurabh; Laddha, Mayank	UCAnalyzer: A Tool to Analyze Use Case Textual Descriptions	2017 IEEE 25TH INTERNATIONAL REQUIREMENTS ENGINEERING CONFERENCE (RE)	2017	9781538631911	Weblink
161	Sailor, Hardik B.; Agrawal, Dharmesh M.; Patil, Hemant A.	Unsupervised filterbank learning using Convolutional Restricted Boltzmann Machine for environmental sound classification	18TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2017), VOLS 1-6: SITUATED INTERACTION	2017	9781510848764	Weblink
162	Sailor, Hardik B.; Kamble, Madhu R.;	Unsupervised Representation Learning Using Convolutional Restricted Boltzmann	18TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION	2017	9781510848764	Weblink

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Link
	Patil, Hemant A.	Machine for Spoof Speech Detection	ASSOCIATION (INTERSPEECH 2017), VOLS 1-6: SITUATED INTERACTION			
163	Gadhiya, Tushar D.; Roy, Anil K.; Mitra, Suman K.; Mall, Vinod	Use of Discrete Wavelet Transform Method for Detection and Localization of Tampering in a Digital Medical Image	2017 IEEE REGION 10 INTERNATIONAL SYMPOSIUM ON TECHNOLOGIES FOR SMART CITIES (IEEE TENSYP 2017)	2017	9781509062553	Weblink
164	Shikkenawis G., Mitra S.K.	Variants of Locality Preserving Projection for Modular Face and Facial Expression Recognition	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	978-3-319-69900-4	Weblink
165	Bultel, Xavier; Das, Manik Lal; Gajera, Hardik; Gerault, David; Giraud, Matthieu; Lafourcade, Pascal	Verifiable private polynomial evaluation	PROVABLE SECURITY, PROVSEC 2017	2017	978-3-319-68637-0	Weblink
166	Madhavi, Maulik C.; Patil, Hemant A.	VTLN-Warped Gaussian Posteriorgram for QbE-STD	2017 25TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2017	9780992862671	Weblink
167	Tiwari, Saurabh; Saini, Veena; Singh, Paramvir; Sureka, Ashish	A case study on the application of case-based learning in software testing	ISEC'18: PROCEEDINGS OF THE 11TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2018	9781450363983	Weblink
168	Patel V.A., Shah P., Raman S.	A generative adversarial network for tone mapping HDR images	Communications in Computer and Information Science	2018	978-981-13-0020-2	Weblink
169	Sujata; Trivedi, Maitry; Mitra, Suman K.	A modular approach for facial expression recognition using euler principal component analysis (e-PCA)	PROCEEDINGS OF 2018 IEEE APPLIED SIGNAL PROCESSING CONFERENCE (ASPCON)	2018	9781538666869	Weblink
170	Sujata, Mitra S.K.	A Modular Approach for Facial Expression Recognition using HSOG	2017 9th International Conference on Advances in Pattern Recognition, ICAPR 2017	2018	9781538622414	Weblink
171	Khare, Manish; Srivastava, Prashant; Gwak, Jeonghwan; Khare, Ashish	A Multiresolution Approach for Content-Based Image Retrieval Using Wavelet Transform of Local Binary Pattern	INTELLIGENT INFORMATION AND DATABASE SYSTEMS, ACIIDS 2018, PT II	2018	978-3-319-75420-8	Weblink
172	Bhatt, Jignesh S.; Joshi, M. V.; Vijayashekhar, S. S.	A Multitemporal Linear Spectral Unmixing: An Iterative Approach Accounting for Abundance Variations	2018 9TH WORKSHOP ON HYPERSPECTRAL IMAGE AND SIGNAL PROCESSING: EVOLUTION IN REMOTE SENSING (WHISPERS)	2018	9781728115818	Weblink
173	Patel, Jignesh R.; Joshi,	A NOVEL APPROACH FOR ABUNDANCE ESTIMATION	IGARSS 2018 - 2018 IEEE INTERNATIONAL	2018	9781538671504	Weblink

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	Manjunath V.; Bhatt, Jignesh S.	USING DISCONTINUITY PRESERVING PRIOR	GEOSCIENCE AND REMOTE SENSING SYMPOSIUM			
174	Shah N.J., Bachhav P.B., Patil H.A.	A novel filtering-based F0 estimation algorithm with an application to voice conversion	Proceedings - 9th Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2017	2018	9781538615423	Weblink
175	Singh, Paramvir; Farooq, Sheikh Umar; Tiwari, Saurabh	A Report on the Workshop on Emerging Software Engineering Education (WESEE 2018)	ISEC'18: PROCEEDINGS OF THE 11TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2018	9781450363983	Weblink
176	Patil, Hemant A.; Kamble, Madhu R.	A Survey on Replay Attack Detection for Automatic Speaker Verification (ASV) System	2018 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2018	9789881476852	Weblink
177	Patel, Rashmit; Agrawal, Yash; Parekh, Rutu	A Vector File Generation Program for Simulating Single Electron Transistor Based Computing System	PROCEEDINGS OF 2018 IEEE INTERNATIONAL CONFERENCE ON ELECTRON DEVICES KOLKATA CONFERENCE (IEEE EDKCON)	2018	9781538664155	Weblink
178	Mishra, Biswajit; Arora, Neha; Vora, Yash	A Wearable Device for Real-Time ECG Monitoring and Cardiovascular Arrhythmia Detection for Resource Constrained Regions	PROCEEDINGS OF THE 2018 8TH INTERNATIONAL SYMPOSIUM ON EMBEDDED COMPUTING AND SYSTEM DESIGN (ISED 2018)	2018	9781538665756	Weblink
179	Sailor H.B., Patil A.T., Patil H.A.	Advances in Low Resource ASR: A Deep Learning Perspective	6th Workshop on Spoken Language Technologies for Under-Resourced Languages, SLTU 2018	2018	9785808809086	Weblink
180	Mishra B., Jigalur L.	An Iterative Delay Chain based Impedance to Digital Converter using 0.18µm CMOS	Proceedings of the 2018 8th International Symposium on Embedded Computing and System Design, ISED 2018	2018	9781538665756	Weblink
181	Vaishnav, Nileshkumar; Tatu, Aditya	Analysis of Downsampling of DCT-Graphs	2018 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM 2018)	2018	9781538638217	Weblink
182	Desai K., Joshi P., Chirakkal S., Putrevu D., Ghosh R.	Analysis of performance of flat earth phase removal methods	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	2018	1.7E+07	Weblink
183	Maral, Vishal; Trivedi, Nachiket; Das, Manik Lal	Auditing Access to Private Data on Android Platform	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY (ICDCIT 2018)	2018	978-3-319-72344-0	Weblink

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184	Sailor, Hardik B.; Kamble, Madhu R.; Patil, Hemant A.	Auditory Filterbank Learning for Temporal Modulation Features in Replay Spoof Speech Detection	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
185	Sailor, Hardik B.; Patil, Hemant A.	Auditory filterbank learning using ConvRBM for infant cry classification	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
186	Shrivastava, Udit; Joshi, M., V	Automated Multiclass Diagnosis of Diabetic Retinopathy using Hierarchical Learning	ELEVENTH INDIAN CONFERENCE ON COMPUTER VISION, GRAPHICS AND IMAGE PROCESSING (ICVGIP 2018)	2018	9781450366151	Weblink
187	Shah M., Gupta S.	Baseband I/Q regeneration method for direct conversion receiver to nullify effect of second order intermodulation distortion	IEEE MTT-S International Microwave and RF Conference, IMaRC 2017	2018	9781538613207	Weblink
188	Sankhavaraj J.	Biomedical document retrieval for clinical decision support system	ACL 2018 - 56th Annual Meeting of the Association for Computational Linguistics, Proceedings of the Student Research Workshop	2018	9781948087360	Weblink
189	Varia, Neelanshi; Davawala, Nidhi; Chirakkal, Sanid; Haldar, Dipanwita; Ghosh, Ranendu; Putrevu, Deepak	CHANGE DETECTION OF POLARIMETRIC SAR DATA FOR MONITORING OF AGRICULTURAL AREAS	ISPRS TC V MID-TERM SYMPOSIUM GEOSPATIAL TECHNOLOGY - PIXEL TO PEOPLE	2018	10.5194/isprs-annals-IV-5-229-2018, 2018	Weblink
190	Thakkar S., Joshi M.V.	Classification of human actions using 3-D convolutional neural networks: A hierarchical approach	Communications in Computer and Information Science	2018	978-981-13-0020-2	Weblink
191	Gadhiya T., Roy A.K.	Classification of Polarimetric Synthetic Aperture Radar Images Using Revised Wishart Distance	INDICON 2018 - 15th IEEE India Council International Conference	2018	9781538682357	Weblink

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192	Mandal, Srimanta; Purohit, Kuldeep; Rajagopalan, A. N.	Color Image Super Resolution in Real Noise	ELEVENTH INDIAN CONFERENCE ON COMPUTER VISION, GRAPHICS AND IMAGE PROCESSING (ICVGIP 2018)	2018	9781450366151	Weblink
193	Srinivas, Kantheti; Das, Rohan Kumar; Patil, Hemant A.	Combining phase-based features for replay spoof detection system	2018 11TH INTERNATIONAL SYMPOSIUM ON CHINESE SPOKEN LANGUAGE PROCESSING (ISCSLP)	2018	9781538656273	Weblink
194	Raut M.K., Kokane T.V., Agarwal R.	Computing Theory Prime Implicates in Modal Logic	Advances in Intelligent Systems and Computing	2018	978-3-319-76348-4	Weblink
195	Agrawal, Yash; Chandel, Rajeevan; Girish, Mekala; Parekh, Rutu	Contemporary On-chip System Modeling using FDTD in Low Power Regime	2018 IEEE ELECTRICAL DESIGN OF ADVANCED PACKAGING AND SYSTEMS SYMPOSIUM (EDAPS 2018)	2018	9781538665923	Weblink
196	Mehta, Parth; Majumder, Prasenjit	Content Based Weighted Consensus Summarization	ADVANCES IN INFORMATION RETRIEVAL (ECIR 2018)	2018	978-3-319-76941-7	Weblink
197	Patel, Vaibhav Amit; Joshi, Manjunath V.	Convolutional neural network with transfer learning for rice type classification	TENTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2017)	2018	9781510619418	Weblink
198	Tiwari, Saurabh; Rathore, Santosh Singh	Coupling and Cohesion Metrics for Object-Oriented Software: A Systematic Mapping Study	ISEC'18: PROCEEDINGS OF THE 11TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2018	9781450363983	Weblink
199	Sailor, Hardik B.; Krishna, Maddala V. Siva; Chhabra, Diksha; Patil, Ankur T.; Kamble, Madhu R.; Patil, Hemant A.	DA-IICT/IIITV system for low resource speech recognition challenge 2018	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
200	Ankur T. Patil, Siva Krishna Maddala, Mehak Piplani, Aditya Sai Pulikonda, Hardik B. Sailor and Hemant A. Patil	DA-IICT/IIITV system for the 5th CHiME 2018 Challenge	5th International Workshop on Speech Processing in Everyday Environment (CHiME 2018),	2018	10.21437/CHiME.2018-17	Weblink
201	Fadaei N., Im C., Modha S., Mandl T.	Daiict-hildesheim @ information retrieval from microblogs during disasters (IRMIDIS 2018)	CEUR Workshop Proceedings	2018	1.6E+07	Weblink
202	Varia, Neelanshi;	DeepExt: A Convolution Neural Network for Road	2018 IEEE SYMPOSIUM SERIES ON	2018	9781538692769	Weblink

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	Dokania, Akanksha; Senthilnath, I	Extraction using RGB images captured by UAV	COMPUTATIONAL INTELLIGENCE (IEEE SSCI)			
203	Vashisth R., Ghodgaonkar D., Gupta S.	Design and fabrication of broadband microwave absorber using FSS embedded in CISR sheets	IEEE MTT-S International Microwave and RF Conference, IMaRC 2018	2018	9781538682210	Weblink
204	Pokhara A., Agrawal J., Mishra B.	Design of an all-digital, low power time-to-digital converter in 0.18µm CMOS	2017 7th International Symposium on Embedded Computing and System Design, ISED 2017	2018	9781538630327	Weblink
205	Gajbhar S.S., Joshi M.V.	Design of biorthogonal wavelet filters of DTCWT using factorization of halfband polynomials	Communications in Computer and Information Science	2018	978-981-13-0020-2	Weblink
206	Sajithra Varun S., Nagaraj R.	Development of a modular and optimum multisensor integration platform for navigation	Proceedings - International Conference on Trends in Electronics and Informatics, ICEI 2017	2018	9781509042579	Weblink
207	Chaudhary, Pankaj; Ghodgaonkar, D. K.; Gupta, Sanjeev; Shukla, Abhishek	Dual Band Circularly Polarized Dielectric Resonator Antenna using DSWPD with Phase Shifter for IRNSS	2018 IEEE INTERNATIONAL RF AND MICROWAVE CONFERENCE (RFM 2018)	2018	9781538667200	Weblink
208	Sharma, Manu; Bhatt, Jignesh S.; Joshi, Manjunath V.	Early detection of lung cancer from CT images: Nodule segmentation and classification using deep learning	TENTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2017)	2018	9781510619418	Weblink
209	Shah, Nirmesh J.; Patil, Hemant A.	Effectiveness of dynamic features in Inca and temporal context-inca	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
210	Shah, Neil; Shah, Nirmesh J.; Patil, Hemant A.	Effectiveness of Generative Adversarial Network for Non-Audible Murmur-to-Whisper Speech Conversion	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
211	Kamble, Madhu R.; Tak, Hemlata; Patil, Hemant A.	Effectiveness of speech demodulation-based features for replay detection	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION	2018	9781510872219	Weblink

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			(INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES			
212	Borisagar P., Agrawal Y., Parekh R.	Efficient vehicle accident detection system using tensorflow and transfer learning	2018 International Conference on Networking, Embedded and Wireless Systems, ICNEWS 2018 - Proceedings	2018	9781538679494	Weblink
213	Dokania, Akanksha; Varia, Neelanshi; Senthilnath, J.	EObjCount: An Evolving Spectral and Spatial Approach for Tree Count using Multispectral Satellite Images	2018 IEEE SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE (IEEE SSCI)	2018	9781538692769	Weblink
214	Vaishnav H., Mathuria A.	Fast Private License Plate Matching Using Symmetric Homomorphic Encryption	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	2018	9781538681343	Weblink
215	Gandhi, Ami; Patil, Hemant A.	Feature Extraction from Temporal Phase for Speaker Recognition	2018 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM 2018)	2018	9781538638217	Weblink
216	Modha S., Majumder P., Mandl T.	Filtering Aggression from the Multilingual Social Media Feed	COLING 2018 - 1st Workshop on Trolling, Aggression and Cyberbullying, TRAC 2018 - Proceedings of the Workshop	2018	9781948087605	Weblink
217	Dave V.A., Sur K.	Fuzzy integrated desertification vulnerability model	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	2018	1.7E+07	Weblink
218	Poudel, Minesh; Chaudhury, Bhaskar; Sharma, Kshitij; Tabakov, Pavel Yaroslavovich; Mora-Camino, Felix	GPU based Computational Simulation of Aircraft Evacuation: Temporal and Spatial Analysis	AEROSPACE EUROPE CEAS 2017 CONFERENCE	2018	9781510858794	Weblink
219	Doshi R.J., Parekh V.D., Patil A.N., Ghodagaonkar D.	High power test set up: From trolley to table top	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018	9781509050130	Weblink
220	Jain N., Singh M., Mishra B.	Image compression using 2D-discrete wavelet transform on a light weight reconfigurable hardware	Proceedings of the IEEE International Conference on VLSI Design	2018	9781538636923	Weblink
221	Jariwala S.	Improved directionally driven self-regulating particle swarm optimizer	Communications in Computer and Information Science	2018	978-981-10-9059-2	Weblink

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222	Ameta D., Jat P.M.	Information extraction from wikipedia articles using DeepDive	Proceedings - 2018 International Conference on Communication, Information and Computing Technology, ICCICT 2018	2018	9781538620519	Weblink
223	Vasavada, Yash M.; Beex, A. A. (Louis); Reed, Jeffrey H.	Iterative Channel and Symbol Estimation for OFDM and for SIMO Diversity	2018 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM 2018)	2018	9781538638217	Weblink
224	Mahajan K.	Judgement of learning for metacognitive type-2 fuzzy inference system	Communications in Computer and Information Science	2018	978-981-10-9059-2	Weblink
225	Bansal, Sumukh; Tatu, Aditya	Lie Bodies Based 3D Shape Morphing and Interpolation	PROCEEDINGS CVMP 2018: THE 15TH ACM SIGGRAPH EUROPEAN CONFERENCE ON VISUAL MEDIA PRODUCTION	2018	9781450360586	Weblink
226	Bansal, Sumukh; Tatu, Aditya	Lie Bodies Based Deformation Transfer	ELEVENTH INDIAN CONFERENCE ON COMPUTER VISION, GRAPHICS AND IMAGE PROCESSING (ICVGIP 2018)	2018	9781450366151	Weblink
227	Patel P., Mishra B.	Low Power Management Unit with Load Regulation using DC-DC Switched Capacitor Converters in 0.18µm CMOS	Proceedings of the 2018 8th International Symposium on Embedded Computing and System Design, ISED 2018	2018	9781538665756	Weblink
228	Rao C.V.N., Ghodgaonkar D.K., Sinha P., Jyoti R.	MMIC high power transmit/receive switches with integrated low noise amplifiers using GaAs and GaN Processes	IEEE MTT-S International Microwave and RF Conference, IMaRC 2018	2018	9781538682210	Weblink
229	Parekh, Rutu; Baghini, Maryam Shojaei; Rajendran, Bipin	Modeling and simulation of 1/f noise during threshold switching for phase change memory	ADVANCED COMPUTATIONAL AND COMMUNICATION PARADIGMS, VOL 1	2018	978-981-10-8240-5	Weblink
230	Prakash, Chandra; Vasavada, Yash	Narrow Band Jamming Detection & Filtering in Satellite Transponder	2018 IEEE INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTING AND COMMUNICATION TECHNOLOGIES (CONECCT)	2018	9781538611128	Weblink
231	Sailor H.B., Patil H.A.	Neural Networks-based Automatic Speech Recognition for Agricultural Commodity in Gujarati Language	6th Workshop on Spoken Language Technologies for Under-Resourced Languages, SLTU 2018	2018	9785808809086	Weblink
232	Mishra, Ajay S.; Parekh, Rutu	Noise Removing Filters and Its Implementation on FPGA	ADVANCED COMPUTATIONAL AND COMMUNICATION PARADIGMS, VOL 1	2018	978-981-10-8240-5	Weblink

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233	Kamble, Madhu R.; Patil, Hemant A.	Novel amplitude weighted frequency modulation features for replay spoof detection	2018 11TH INTERNATIONAL SYMPOSIUM ON CHINESE SPOKEN LANGUAGE PROCESSING (ISCSLP)	2018	9781538656273	Weblink
234	Kamble, Madhu R.; Tak, Hemlata; Krishna, Maddala V. Siva; Patil, Hemant A.	Novel demodulation-based features using classifier-level fusion of GMM and CNN for replay detection	2018 11TH INTERNATIONAL SYMPOSIUM ON CHINESE SPOKEN LANGUAGE PROCESSING (ISCSLP)	2018	9781538656273	Weblink
235	Tapkir, Prasad A.; Patil, Hemant A.	Novel Empirical Mode Decomposition Cepstral Features for Replay Spoof Detection	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
236	Shah, Nirmesh J.; Sreeraj, R.; Shah, Neil; Patil, Hemant A.	Novel Inter Mixture Weighted GMM Posteriorgram for DNN and GAN-based Voice Conversion	2018 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2018	9789881476852	Weblink
237	Tak, Hemalata; Patil, Hemant A.	Novel linear frequency residual cepstral feature for replay attack detection	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
238	Hemlata Tak, and Hemant A. Patil	Novel Linear Frequency Residual Cepstral Features For Replay Attack Detection	INTERSPEECH 2018,	2018	9781510872219	Weblink
239	Tapkir, Prasad A.; Patil, Ankur T.; Shah, Neil; Patil, Hemant A.	Novel Spectral Root Cepstral Features for Replay Spoof Detection	2018 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2018	9789881476852	Weblink
240	Kamble, Madhu R.; Patil, Hemant A.	Novel Variable Length Energy Separation Algorithm using Instantaneous Amplitude Features For Replay Detection	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR	2018	9781510872219	Weblink

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			EMERGING MARKETS IN MULTILINGUAL SOCIETIES			
241	Kumar, Ramesh; Kumar, Sharvan; Sengupta, A.	Object Identify Using Electrical Impedance Tomography Technique for Industrial Application	2018 FIRST INTERNATIONAL CONFERENCE ON SECURE CYBER COMPUTING AND COMMUNICATIONS (ICSCCC 2018)	2018	9781538663738	Weblink
242	Limbachiya D., Benerjee K.G., Rao B., Gupta M.K.	On DNA Codes using the Ring $Z_4 + wZ_4$	IEEE International Symposium on Information Theory - Proceedings	2018	9781538647806	Weblink
243	Patel, Jinita; Das, Manik Lal; Nandi, Sukumar	On the Security of Remote Key Less Entry for Vehicles	2018 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	2018	9781538681343	Weblink
244	Vaishnav, Harshul; Mathuria, Anish	Past Private License Plate Matching Using Symmetric Homomorphic Encryption	2018 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	2018	9781538681350	Weblink
245	Vashisth, Rahul; Ghodgaonkar, Deepak; Gupta, Sanjeev	Permittivity and Permeability Measurements of CISR sheets for Microwave Absorber Applications	2018 IEEE INTERNATIONAL RF AND MICROWAVE CONFERENCE (RFM 2018)	2018	9781538667200	Weblink
246	Hasan A.M., Meva D.T., Roy A.K., Doshi J.	Perusal of web application security approach	ICCT 2017 - International Conference on Intelligent Communication and Computational Techniques	2018	9781538630303	Weblink
247	Pathade, Takshashila; Shah, Urmi; Agrawal, Yash; Parekh, Rutu	Preeminent Buffer Insertion Technique For Long Advanced On-Chip Graphene Interconnects	2018 IEEE ELECTRICAL DESIGN OF ADVANCED PACKAGING AND SYSTEMS SYMPOSIUM (EDAPS 2018)	2018	9781538665923	Weblink
248	Goswami M.M., Mitra S.K.	Printed Gujarati character classification using high-level strokes	Advances in Intelligent Systems and Computing	2018	978-981-10-7898-9	Weblink
249	Nalla, Rushikesh; Pinge, Rajdeep; Narwaria, Manish; Chaudhury, Bhaskar	Priority based functional group identification of organic molecules using machine learning	PROCEEDINGS OF THE ACM INDIA JOINT INTERNATIONAL CONFERENCE ON DATA SCIENCE AND MANAGEMENT OF DATA (CODS-COMAD'18)	2018	9781450363419	Weblink
250	Parikh, Nandan; Das, Manik Lal	Privacy-preserving services in VANET with misbehavior detection	2017 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	2018	9781538623473	Weblink

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251	Chandra, Shubham; Srivastava, Sanjay; Roy, Anil	Public Toilet Hygiene Monitoring and Reporting System	2018 IEEE SENSORS	2018	9781538647073	Weblink
252	Shah, Ruchita; Pandat, Ami; Bhise, Minal	Query Processing for Streaming RDF Data	2018 4TH IEEE INTERNATIONAL WIE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (IEEE WIECON-ECE 2018)	2018	9781728119786	Weblink
253	Shaikh, Mohammedsay eemuddin K.; Joshi, Manjunath V.	Recursive Network with Explicit Neighbor Connection for Image Captioning	2018 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS (SPCOM 2018)	2018	9781538638217	Weblink
254	Srinivas K., Patil H.A.	Relative Phase Shift Features for Replay Spoof Detection System	6th Workshop on Spoken Language Technologies for Under-Resourced Languages, SLTU 2018	2018	9785808809086	Weblink
255	Baghel, Sonal; Pillutla, Laxminarayana S.	Relay based wireless networks with joint modulation, power allocation and relay selection	2017 IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATIONS SYSTEMS (ANTS)	2018	9781538623473	Weblink
256	Doshi, R. J.; Ghodagaonkar, Deepak	Reliability improvement technique of GaN SSPA for geo synchronous satellites	2017 INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING, INSTRUMENTATION AND CONTROL TECHNOLOGIES (ICICT)	2018	9781509061068	Weblink
257	Patel, Luv; Patel, Kush; Koringa, Purvi A.; Mitra, Suman K.	Scene-Change Detection using Locality Preserving Projections	PROCEEDINGS OF 2018 IEEE APPLIED SIGNAL PROCESSING CONFERENCE (ASPCON)	2018	9781538666869	Weblink
258	Falodiya K., Das M.L.	Security Vulnerability Analysis using Ontology-based Attack Graphs	2017 14th IEEE India Council International Conference, INDICON 2017	2018	9781538643181	Weblink
259	Sahu N.K., Mohapatra R.N.	Semi-frames and Fusion Semi-frames	Communications in Computer and Information Science	2018	978-981-13-0023-3	Weblink
260	Jani, Abhishek B.; Kotak, Nishith A.; Roy, Anil K.	Sensor Based Hand Gesture Recognition System for English Alphabets Used in Sign Language of Deaf-Mute People	2018 IEEE SENSORS	2018	9781538647073	Weblink
261	Captain, Kamal M.; Joshi, Manjunath V.	SNR wall for cooperative spectrum sensing using generalized energy detector	2018 10TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2018	9781538611821	Weblink
262	Soni, Meet H.; Sharma, Manisha;	Sub-band Autoencoder features for Automatic Speech Recognition	2017 NINTH INTERNATIONAL CONFERENCE ON	2018	9781538622414	Weblink

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	Sailor, Hardik B.; Patil, Hemant A.		ADVANCES IN PATTERN RECOGNITION (ICAPR)			
263	Tiwari, Saurabh; Ameta, Deepti; Singh, Paramvir; Sureka, Ashish	Teaching Requirements Engineering Concepts using Case-Based Learning	2018 IEEE/ACM INTERNATIONAL WORKSHOP ON SOFTWARE ENGINEERING EDUCATION FOR MILLENNIALS (SEEM)	2018	9781450357500	Weblink
264	Doshi R.J., Ghodagaonkar D.	Techniques to reduce the cost of the satellite base solutions	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018	9781509050130	Weblink
265	Soni, Meet H.; Shah, Neil; Patil, Hemant A.	Time-Frequency Masking-Based Speech Enhancement Using Generative Adversarial Network	2018 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP)	2018	9781538646588	Weblink
266	Madhavi, Maulik C.; Patil, Hemant A.	Two Stage Zero-resource Approaches for QbE-STD	2017 NINTH INTERNATIONAL CONFERENCE ON ADVANCES IN PATTERN RECOGNITION (ICAPR)	2018	9781538622414	Weblink
267	Sailor, Hardik B.; Patil, Hemant A.; Rajpal, Avni	Unsupervised Filterbank Learning for Speech-based Access System for Agricultural Commodity	2017 NINTH INTERNATIONAL CONFERENCE ON ADVANCES IN PATTERN RECOGNITION (ICAPR)	2018	9781538622414	Weblink
268	Shah, Nirmesh J.; Madhavi, Maulik C.; Patil, Hemant A.	Unsupervised vocal tract length warped posterior features for non-parallel voice conversion	19TH ANNUAL CONFERENCE OF THE INTERNATIONAL SPEECH COMMUNICATION ASSOCIATION (INTERSPEECH 2018), VOLS 1-6: SPEECH RESEARCH FOR EMERGING MARKETS IN MULTILINGUAL SOCIETIES	2018	9781510872219	Weblink
269	Sahu, Kartick Chandra; Ghosh, Ranendu	Use of ICT on village development plan (VDP)	2017 IEEE TECHNOLOGICAL INNOVATIONS IN ICT FOR AGRICULTURE AND RURAL DEVELOPMENT (TIAR)	2018	9781509044375	Weblink
270	Domadiya, Prashant; Shah, Pratik; Mitra, Suman K.	Vector Graph Representation for Deformation Transfer Using Poisson Interpolation	2018 IEEE WINTER CONFERENCE ON APPLICATIONS OF COMPUTER VISION (WACV 2018)	2018	9781538648865	Weblink
271	Chauhan, Rahul; Gupta, Sanjeev	A Circular Fractal Antenna Array	2019 25TH NATIONAL CONFERENCE ON COMMUNICATIONS (NCC)	2019	9781538692868	Weblink
272	Batra N., Kukunuri R., Pandey A., Malakar R.,	A demonstration of reproducible state-of-the-art energy disaggregation using NILMTK	BuildSys 2019 - Proceedings of the 6th ACM International Conference on Systems for	2019	9781450370059	Weblink

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	Kumar R., Krystalakos O., Zhong M., Meira P., Parson O.		Energy-Efficient Buildings, Cities, and Transportation			
273	Captain, Kamal M.; Joshi, Manjunath V.	A PBNS Based Detection Algorithm for Cooperative Wideband Spectrum Sensing Using Hard Combining	2019 IEEE 89TH VEHICULAR TECHNOLOGY CONFERENCE (VTC2019-SPRING)	2019	9781728112176	Weblink
274	Mishra, Biswajit; Kumar, Bitu	A Reconfigurable Time-to-Digital Converter based on Pulse Stretcher and Gated Delay Line	PROCEEDINGS OF THE 2019 9TH INTERNATIONAL SYMPOSIUM ON EMBEDDED COMPUTING AND SYSTEM DESIGN (ISED 2019)	2019	9781728141770	Weblink
275	Singh, Paramvir; Farooq, Sheikh Umar; Tiwari, Saurabh; Tharayil, Ranjith	A report on the second workshop on emerging software engineering education (WESEE 2019)	PROCEEDINGS OF THE 12TH INNOVATIONS ON SOFTWARE ENGINEERING CONFERENCE (ISEC)	2019	9781450362153	Weblink
276	Tripathi, Pramod; Subbu, Kalyan Pathapati	A simulation based study to identify optimal number of controllers for multi-application scenarios in Software Defined Wireless Sensor Network (SDWSN)	13TH IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATION SYSTEMS (IEEE ANTS)	2019	9781728137155	Weblink
277	Bhateja, Puneet	A theoretical framework for testing cyber-physical systems	2019 6TH INTERNATIONAL CONFERENCE ON CONTROL, DECISION AND INFORMATION TECHNOLOGIES (CODIT 2019)	2019	9781728105215	Weblink
278	Kalavadia, Bhumika; Bhatia, Tarushi; Padiya, Trupti; Pandat, Ami; Bhise, Minal	Adaptive partitioning using partial replication for sensor data	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY, ICDCIT 2019	2019	978-3-030-05366-6	Weblink
279	Gandhi, Kalgi; Bhise, Minal	Affinity-based Fragmentation for Sensor Data	2019 IEEE 16TH INDIA COUNCIL INTERNATIONAL CONFERENCE (IEEE INDICON 2019)	2019	9781728123271	Weblink
280	Pokhara A., Mishra B., Patel P.	All-Digital CMOS On-Chip Temperature Sensor with Time-Assisted Analytical Model	Communications in Computer and Information Science	2019	978-981-32-9767-8	Weblink
281	Tiwari, Saurabh; Ameta, Deepti; Banerjee, Asim	An Approach to Identify Use Case Scenarios from Textual Requirements Specification	PROCEEDINGS OF THE 12TH INNOVATIONS ON SOFTWARE ENGINEERING CONFERENCE (ISEC)	2019	9781450362153	Weblink
282	Dave V.A., Pandya M., Ghosh R.	An Assessment of the Desertification Vulnerability based on MEDALUS model	International Conference on Intelligent Computing and	2019	9781728137094	Weblink

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			Remote Sensing, ICICRS 2019 - Proceedings			
283	Mishra, Biswajit; Arora, Neha; Vora, Yash	An ECG-PPG Wearable Device for Real Time Detection of Various Arrhythmic Cardiovascular Diseases	PROCEEDINGS OF THE 2019 9TH INTERNATIONAL SYMPOSIUM ON EMBEDDED COMPUTING AND SYSTEM DESIGN (ISED 2019)	2019	9781728141770	Weblink
284	Usdadiya, Chirag; Tiwari, Saurabh; Banerjee, Asim	An empirical study on assessing the quality of use case metrics	PROCEEDINGS OF THE 12TH INNOVATIONS ON SOFTWARE ENGINEERING CONFERENCE (ISEC)	2019	9781450362153	Weblink
285	Verma P., Vaishnav H., Mathuria A., Dasgupta S.	An enhanced privacy-preserving recommender system	Communications in Computer and Information Science	2019	978-981-13-7561-3	Weblink
286	Nabin Kumar Sahu, and Ekta Rajput	An Insight into the Frames in Hilbert C*-modules	International Conference on Mathematical Analysis and Computing (ICMAC 2019),	2019	978-981-33-4646-8	Weblink
287	Kamble, Madhu R.; Patil, Hemant A.	Analysis of Reverberation via Teager Energy Features for Replay Spoof Speech Detection	2019 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP)	2019	9781479981311	Weblink
288	Datta, Anwesha; Mohanta, Aditya; Mishra, Biswajit	Approximation and Bit Truncation Techniques in Hardware for Edge Detection	PROCEEDINGS OF THE 2019 9TH INTERNATIONAL SYMPOSIUM ON EMBEDDED COMPUTING AND SYSTEM DESIGN (ISED 2019)	2019	9781728141770	Weblink
289	Shah, Rutvik; Soni, Akshit; Mall, Vinod; Gadhiya, Tushar; Roy, Anil K.	Automatic Target Recognition from SAR Images Using Capsule Networks	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2019, PT II	2019	978-3-030-34872-4	Weblink
290	Bhore S., Jana S., Pandit S., Roy S.	Balanced Connected Subgraph Problem in Geometric Intersection Graphs	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2019	978-3-030-36412-0	Weblink
291	Ghosh, Anjan K.; Patel, Nirmal	Changes in the characteristics of chaotic optical signals owing to propagation in optical fibers	OPTICS AND PHOTONICS FOR INFORMATION PROCESSING XIII	2019	9781510629653	Weblink
292	Ghosh, Anjan K.	Characteristics of optical chaos generated by an acousto-optic system in the Raman-Nath mode	OPTICS AND PHOTONICS FOR INFORMATION PROCESSING XIII	2019	9781510629653	Weblink
293	Koringa, Purvi A.; Mitra, Suman K.	Class Similarity Based Orthogonal Neighborhood Preserving Projections for Image Recognition	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2019, PT I	2019	978-3-030-34869-4	Weblink
294	Patil, Hemant A.	Combining Evidences from Variable Teager Energy Source and Mel Cepstral	2019 27TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2019	9789082797039	Weblink

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		Features for Classification of Normal vs. Pathological Voices				
295	Lee S., Gwak J., Prakash O., Khare M., Khare A., Jeon M.	Comparative study on person re-identification using color and shape features-based body part matching	Lecture Notes in Electrical Engineering	2019	978-981-13-2685-1	Weblink
296	Parikh A., Desai H., Singh Bisht A.	DA Master at HASOC 2019: Identification of hate speech using machine learning and deep learning approaches for social media post	CEUR Workshop Proceedings	2019	1.6E+07	Weblink
297	Modha S., Majumder P., Mandl T., Patel D.	DA-LD-Hildesheim at SemEval-2019 task 6: Tracking offensive content with deep learning using shallow representation	NAACL HLT 2019 - International Workshop on Semantic Evaluation, SemEval 2019, Proceedings of the 13th Workshop	2019	9781950737062	Weblink
298	Thakkar D., Rajput P., Dubey R., Parekh R.	Design and implementation of autonomous UAV tracking system using GPS and GPRS	Advances in Intelligent Systems and Computing	2019	978-981-13-0224-4	Weblink
299	Diwan, Anjali; Mall, Vinod; Roy, Anil; Mitra, Suman	Detection and Localization of Copy-Move Tampering Using Features of Locality Preserving Projection	2019 FIFTH INTERNATIONAL CONFERENCE ON IMAGE INFORMATION PROCESSING (ICIIP 2019)	2019	9781728108988	Weblink
300	Dhami A., Parekh N.N., Vasavada Y.	Digital beamforming for antenna arrays	2019 IEEE Indian Conference on Antennas and Propagation, InCAP 2019	2019	9781728125770	Weblink
301	Patel, Rashmit; Parekh, Rutu	DNA Based Hybrid Circuit Design Approaches	2019 IEEE 5TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2019	9781538680759	Weblink
302	Khalpada, Vaidehi S.; Koringa, Purvi A.; Mitra, Suman K.	Document representation using extended locality preserving indexing	2019 IEEE 16TH INDIA COUNCIL INTERNATIONAL CONFERENCE (IEEE INDICON 2019)	2019	9781728123271	Weblink
303	Parmar, Mihir; Doshi, Savan; Shah, Nirmesh J.; Patel, Maitreya; Patil, Havant A.	Effectiveness of Cross-Domain Architectures for Whisper-to-Normal Speech Conversion	2019 27TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO)	2019	9789082797039	Weblink
304	Patel H.	E-LSTM at SemEval-2019 task 3: Semantic and sentimental features retention for emotion detection in text	NAACL HLT 2019 - International Workshop on Semantic Evaluation, SemEval 2019, Proceedings of the 13th Workshop	2019	9781950737062	Weblink
305	Jeong H., Gwak J., Park C., Khare M., Prakash O., Song J.-I.	Enabling more accurate bounding boxes for deep learning-based real-time human detection	Lecture Notes in Electrical Engineering	2019	978-981-13-2685-1	Weblink

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306	Patil H.A., Viswanath S.	Energy separation algorithm based spectrum estimation for very short duration of speech	European Signal Processing Conference	2019	9789082797039	Weblink
307	Patil A.T., Acharya R., Sai P.A., Patil H.A.	Energy separation-based instantaneous frequency estimation for cochlear cepstral feature for replay spoof detection	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2019	9781510896833	Weblink
308	Bhattacharya, Paheli; Ghosh, Kripabandhu; Ghosh, Saptarshi; Pal, Arindam; Mehta, Parth; Bhattacharya, Arnab; Majumder, Prasenjit	FIRE 2019 AILA track: Artificial intelligence for legal assistance	PROCEEDINGS OF THE 11TH ANNUAL MEETING OF THE FORUM FOR INFORMATION RETRIEVAL EVALUATION (FIRE 2019)	2019	9781450377508	Weblink
309	Chothani C., Mishra B.	Fully Digital, Low Energy Capacitive Sensor Interface with an Auto-calibration Unit	Communications in Computer and Information Science	2019	978-981-13-5950-7	Weblink
310	Laddha M., Jindal S., Wojciechowski J.	Gastric polyp detection using deep convolutional neural network	ACM International Conference Proceeding Series	2019	9781450372954	Weblink
311	Katkoria, Vidhi; Ghosh, Pratik; Chaudhury, Bhaskar	GPU accelerated FDTD based Open-source SAR Simulator	2019 IEEE MTT-S INTERNATIONAL MICROWAVE AND RF CONFERENCE (IMARC)	2019	9781728140407	Weblink
312	Domadiya, Prashant; Shah, Pratik; Mitra, Suman K.	Guided Deformation Transfer	16TH ACM SIGGRAPH EUROPEAN CONFERENCE ON VISUAL MEDIA PRODUCTION (CVMP 2019)	2019	9781450370035	Weblink
313	Gupta, Priyanka; Garg, Gagan	Handling concurrent requests in a secret sharing based storage system using Petri Nets	13TH IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATION SYSTEMS (IEEE ANTS)	2019	9781728137155	Weblink
314	Chaudhury B., Shah M., Parekh U., Gandhi H., Desai P., Shah K., Phadnis A., Shah M., Bandyopadhyay M., Chakraborty A.	Hybrid parallelization of particle in cell monte carlo collision (PIC-MCC) algorithm for simulation of low temperature plasmas	Communications in Computer and Information Science	2019	978-981-13-7729-7	Weblink
315	Deb T., Ghosh A.K., Mukherjee A.	Image Approximation using Singular Value Decomposition vs the Spatial Information	Proceedings of 2019 IEEE Region 10 Symposium, TENSYP 2019	2019	9781728102979	Weblink

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316	Gajbhar, Shrishail S.; Joshi, Manjunath, V	Image Denoising using Tight-Frame Dual-Tree Complex Wavelet Transform	MACHINE INTELLIGENCE AND SIGNAL ANALYSIS	2019	978-981-13-0923-6	Weblink
317	Verma, Pranav; Mathuria, Anish; Dasgupta, Sourish	Item-Based Privacy-Preserving Recommender System with Offline Users and Reduced Trust Requirements	INFORMATION SYSTEMS SECURITY (ICISS 2019)	2019	978-3-030-36945-3	Weblink
318	Gupta, Nidhi; Das, Manik Lal; Nandi, Sukumar	LandLedger: Blockchain-powered Land Property Administration System	13TH IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATION SYSTEMS (IEEE ANTS)	2019	9781728137155	Weblink
319	Gajera H., Naik S., Das M.L.	MedCop: Verifiable computation for mobile healthcare system	Communications in Computer and Information Science	2019	978-981-13-5826-5	Weblink
320	Ogale, Suraj; Srivastava, Sanjay	Modelling and short term forecasting of flash floods in an urban environment	2019 25TH NATIONAL CONFERENCE ON COMMUNICATIONS (NCC)	2019	9781538692868	Weblink
321	Mundra, Saloni; Sujata; Mitra, Suman K.	Modular facial expression recognition on noisy data using robust PCA	2019 IEEE 16TH INDIA COUNCIL INTERNATIONAL CONFERENCE (IEEE INDICON 2019)	2019	9781728123271	Weblink
322	Trivedi, Prapti; Mhasakar, Purva; Sujata; Mitra, Suman K.	Multichannel CNN for Facial Expression Recognition	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2019, PT I	2019	978-3-030-34869-4	Weblink
323	Mitchell J.S.B., Pandit S.	New Results on a Family of Geometric Hitting Set Problems in the Plane	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2019	978-3-030-36412-0	Weblink
324	Priya S., Ghosh R., Bhattacharya B.K.	Non-linear autoencoder based algorithm for dimensionality reduction of airborne hyperspectral data	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	2019	1.7E+07	Weblink
325	Patel, Maitreya; Parmar, Mihir; Doshi, Savan; Shah, Nirmesh J.; Patil, Hemant A.	Novel adaptive generative adversarial network for voice conversion	2019 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2019	9781728132488	Weblink
326	Acharya, Rajul; Patil, Hemant A.; Kotta, Harsh	NOVEL ENHANCED TEAGER ENERGY BASED CEPSTRAL COEFFICIENTS FOR REPLAY SPOOF DETECTION	2019 IEEE AUTOMATIC SPEECH RECOGNITION AND UNDERSTANDING WORKSHOP (ASRU 2019)	2019	9781728103068	Weblink
327	Maitreya Patel, Mihir Parmar, Savan Doshi,	Novel Inception-GAN for Whispered-to-Normal Speech Conversion	The 10th ISCA Speech Synthesis Workshop (SSW),	2019	10.21437/SSW.2019-16	Weblink

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	Nirmesh J. Shah and Hemant A. Patil					
328	Shah, Nirmesh J.; Patil, Hemant A.	Novel Metric Learning for Non-parallel Voice Conversion	2019 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP)	2019	9781479981311	Weblink
329	Kamble, Madhu R.; Krishna, Maddala Venkata Siva; Pulikonda, Aditya Krishna Sai; Patil, Hemant A.	Novel Teager Energy Based Subband Features for Audio Acoustic Scene Detection and Classification	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2019, PT II	2019	978-3-030-34872-4	Weblink
330	Hemantha K., Desai N., Das M.L.	On minimality attack for privacy-preserving data publishing	Communications in Computer and Information Science	2019	978-981-13-5826-5	Weblink
331	Pandit S.	On the Hardness of Some Geometric Optimization Problems with Rectangles	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2019	978-3-030-36412-0	Weblink
332	Paheli Bhattacharya, Kripabandhu Ghosh, Saptarshi Ghosh, Arindam Pal, Parth Mehta, Arnab Bhattacharya and Prasenjit Majumder	Overview of the FIRE 2019 AILA track: Artificial intelligence for legal assistance	ACM International Conference Proceeding Series,	2019	9781450336703	Weblink
333	Mandl, Thomas; Modha, Sandip; Majumder, Prasenjit; Patel, Daksh; Dave, Mohana; Mandlia, Chintak; Patel, Aditya	Overview of the HASOC track at FIRE 2019: Hate speech and offensive content identification in Indo-European languages	PROCEEDINGS OF THE 11TH ANNUAL MEETING OF THE FORUM FOR INFORMATION RETRIEVAL EVALUATION (FIRE 2019)	2019	9781450377508	Weblink
334	Taneja, Aaklit; Khare, Manish	Parallelizing Image Processing for Higher Efficiency	ICVISP 2019: PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON VISION, IMAGE AND SIGNAL PROCESSING	2019	9781450376259	Weblink

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335	Aaklit Taneja and Manish Khare	Parallelizing Techniques in Image Processing Application for Higher Efficiency	Proceeding of 3rd International Conference on Vision,	2019	978-1-4503-7625-9	Weblink
336	Shah N.J., Patil H.A.	Phone aware nearest neighbor technique using spectral transition measure for non-parallel voice conversion	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2019	9781510896833	Weblink
337	Patel, Anery; Patel, Maitreya; Gadhiya, Tushar; Roy, Anil K.	PolSAR Band-to-Band Image Translation Using Conditional Adversarial Networks	2019 IEEE SENSORS	2019	9781728116341	Weblink
338	Patel, Mayank; Bhise, Minal	Raw Data Processing Framework for IoT	2019 11TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2019	9781538679029	Weblink
339	Kaushik H., Zanzarukiya A., Jethwa B., Agrawal Y., Parekh R.	Real-Time Human Detection Tracking System Incorporating MEMS Technology	2019 IEEE International Conference on Electronics, Computing and Communication Technologies, CONECCT 2019	2019	9781728124728	Weblink
340	Khare, Manish	Recognition of human activities in daubechies complex wavelet domain	IMAGE ANALYSIS AND PROCESSING - ICIAP 2019, PT II	2019	978-3-030-30645-8	Weblink
341	Tapkir, Prasad A.; Kamble, Madhu R.; Patil, Hemant A.; Madhavi, Maulik	Replay Spoof Detection using Power Function Based Features	2018 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2019	9789881476852	Weblink
342	Singh P., Farid H.	Robust homomorphic image hashing	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2019	9781728125060	Weblink
343	Tapkir, Prasad A.; Patil, Hemant A.	Significance of Teager Energy Operator Phase for Replay Spoof Detection	2018 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2019	9789881476852	Weblink
344	Captain, Kamal M.; Joshi, Manjunath V.	SNR Wall Under Different Scenarios for Cooperative Spectrum Sensing using GED	2019 11TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2019	9781538679029	Weblink
345	Kamble, Madhu R.; Sai, Pulikonda Aditya Krishna; Krishna,	Speech demodulation-based techniques for replay and presentation attack detection	2019 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND	2019	9781728132488	Weblink

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	Maddala V. Siva; Patil, Ankur T.; Acharya, Rajul; Patil, Hemant A.		CONFERENCE (APSIPA ASC)			
346	Gadhiya, Tushar; Tangirala, Sumanth; Roy, Anil K.	Stacked Autoencoder Based Feature Extraction and Superpixel Generation for Multifrequency PolSAR Image Classification	PATTERN RECOGNITION AND MACHINE INTELLIGENCE, PREMI 2019, PT II	2019	978-3-030-34872-4	Weblink
347	Vyas, Utsav; Panchal, Parth; Patel, Mayank; Bhise, Minal	STSDb: Spatio-Temporal Sensor Database for Smart City Query Processing	ICDCN '19: PROCEEDINGS OF THE 2019 INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING AND NETWORKING	2019	9781450360944	Weblink
348	Mevada P., Gupta S., Kulshrestha S., Chakrabarty S., Mahajan M.	Study of effect of aperture tapering on grating lobe in array antenna	2019 IEEE Indian Conference on Antennas and Propagation, InCAP 2019	2019	9781728125770	Weblink
349	Kachhia, Ruchi; Agrawal, Prachi; Das, Manik Lal	Tag-Reader Authentication System Guarded by Negative Identifier Filtering and Distance Bounding	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY, ICDCIT 2019	2019	978-3-030-05366-6	Weblink
350	Joshi, Nikita; Srivastava, Sanjay	Task Allocation in Three Tier Fog IoT Architecture for Patient Monitoring System using Stackelberg Game and Matching Algorithm	13TH IEEE INTERNATIONAL CONFERENCE ON ADVANCED NETWORKS AND TELECOMMUNICATION SYSTEMS (IEEE ANTS)	2019	9781728137155	Weblink
351	Tiwari, Saurabh; Rathore, Santosh Singh	Teaching Software Process Models to Software Engineering Students: An Exploratory Study	2019 26TH ASIA-PACIFIC SOFTWARE ENGINEERING CONFERENCE (APSEC)	2019	9781728146485	Weblink
352	Shah, Neil; Patil, Hemant A.; Soni, Meet H.	Time-Frequency Mask-based Speech Enhancement using Convolutional Generative Adversarial Network	2018 ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE (APSIPA ASC)	2019	9789881476852	Weblink
353	Batra, Nipun; Kukunuri, Rithwik; Pandey, Ayush; Malakar, Raktim; Kumar, Rajat; Krystalakos, Odysseas; Zhong, Mingjun; Meira,	Towards reproducible state-of-the-art energy disaggregation	BUILDSYS'19: PROCEEDINGS OF THE 6TH ACM INTERNATIONAL CONFERENCE ON SYSTEMS FOR ENERGY-EFFICIENT BUILDINGS, CITIES, AND TRANSPORTATION	2019	9781450370059	Weblink

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	Paulo; Parson, Oliver					
354	Haritha Yeleti, Mekala Girish Kumar, Rajeevan Chandel, and Yash Agrawal	Transient and Crosstalk Analysis of Doped and Dielectric Inserted MLG NR Interconnects	2018 IEEE Electrical Design of Advanced Packaging and Systems Symposium (EDAPS),	2019	9781538665916	Weblink
355	Sasidhar, Kalyan; Upasini, Aswini	Two wheeler rash drive detection using smartphones	2019 11TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2019	9781538679029	Weblink
356	Thakkar, Sanket; Mishra, Biswajit	Ultra low power digital front-end for single lead ECG acquisition	2019 32ND INTERNATIONAL CONFERENCE ON VLSI DESIGN AND 2019 18TH INTERNATIONAL CONFERENCE ON EMBEDDED SYSTEMS (VLSID)	2019	9781728104096	Weblink
357	Shah, Saprem; Khatri, Kunal; Mhasakar, Purva; Nagar, Rajendra; Raman, Shanmuganathan	Unsupervised GIST based Clustering for Object Localization	2019 25TH NATIONAL CONFERENCE ON COMMUNICATIONS (NCC)	2019	9781538692868	Weblink
358	Mishra, Biswajit; Arora, Neha; Vora, Yash	Wearable ECG for Real Time Complex P-QRS-T Detection and Classification of Various Arrhythmias	2019 11TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2019	9781538679029	Weblink
359	Shah N.J., Sailor H.B., Patil H.A.	Whether to pretrain DNN or not?: An empirical analysis for voice conversion	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2019	9781510896833	Weblink
360	Joshi, Ishani; Koringa, Purvi; Mitra, Suman	Word embeddings in low resource Gujarati language	2019 INTERNATIONAL CONFERENCE ON DOCUMENT ANALYSIS AND RECOGNITION WORKSHOPS (ICDARW), VOL 5	2019	978-1-7281-5054-3	Weblink
361	Miral Shah, Bhaskar Chaudhury, Mainak Bandyopadhyay and Arun Chakraborty	1D-3v PIC-MCC Based Modeling and Simulation of Magnetized Low-Temperature Plasmas	Proceedings of the 6th International Conference on Mathematics and Computing,	2020	9789811580604	Weblink
362	Kumar A., Jani K., Sahu N.K.	A Comparative Study of Various Artificial Intelligence Based Agents for the Game	Journal of Physics: Conference Series	2020	1694 012001	Weblink

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		of Angry Birds with and without Splitting				
363	Nirwal A., Khandelwal R., Patel S., Singh P.	A Forensic Technique to Detect Copy-Move Forgery Based on Image Statistics	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	978-3-030-66626-2	Weblink
364	Nandanwar L., Shivakumara P., Kumar A., Lu T., Pal U., Lopresti D.	A new common points detection method for classification of 2D and 3D texts in video/scene images	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	978-3-030-57058-3	Weblink
365	Patel, Jignesh R.; Joshi, Manjunath, V; Bhatt, Jignesh S.	A Novel Approach for Hyperspectral Image Superresolution Using Spectral Unmixing and Transfer Learning	IGARSS 2020 - 2020 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM	2020	9781728163741	Weblink
366	Ameta, Deepti; Tiwari, Saurabh; Singh, Paramvir	A Preliminary Study on Case-Based Learning Teaching Pedagogy: Scope in SE Education	ISOFT: PROCEEDINGS OF THE 13TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2020	9781450375948	Weblink
367	Tiwari S., Thakur J.S.	A Report on Students Software Project Contest co-located with ISEC 2020	ACM International Conference Proceeding Series	2020	9781450375948	Weblink
368	Tiwari S., Rathore S.S., Nautiyal L., Singh R.	A report on the first workshop on Natural Language Processing Advancements for Software Engineering (NLPaSE) co-located with APSEC 2020	CEUR Workshop Proceedings	2020	1.6E+07	Weblink
369	Tiwari, Saurabh; Farooq, Sheikh Umar; Singh, Paramvir; Rathore, Santosh Singh	A Report on the Third Workshop on Emerging Software Engineering Education (WESEE 2020)	ISOFT: PROCEEDINGS OF THE 13TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2020	978-1-4503-7594-8	Weblink
370	Sankhavara J., Majumder P.	Advances in biomedical entity identification: A survey	Biotechnology and Biological Sciences-Proceedings of the 3rd International Conference of Biotechnology and Biological Sciences, BIOSPECTRUM 2019	2020	9780367431617	Weblink
371	Borisagar P., Jani S., Agrawal Y., Parekh R.	An Efficient and Compact Review of Face Recognition Techniques	2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCECS 2020	2020	9781728148625	Weblink
372	Vaghela M., Sasidhar K., Parikh A.	An Experimental Study of Mobile Phone Impact on College Students	Advances in Intelligent Systems and Computing	2020	978-981-15-0936-0	Weblink
373	Mevada P., Gupta S., Kulshreshta S.,	Analysis of Pinwheel type Aperiodic Clustering for Sidelobe level Improvement in Phased Array Antenna	2020 IEEE International Symposium on Antennas and Propagation and North American Radio Science	2020	9781728166704	Weblink

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	Chakrabarty S., Mahajan M.		Meeting, IEEECONF 2020 - Proceedings			
374	Sasidhar, Kalyan; Upasini, Aswini; Shah, Dimple; Palaparthi, Vinay	Analysis of Smartphone Sensor Bias from an Activity Recognition Experiment in the Wild	2020 IEEE SENSORS APPLICATIONS SYMPOSIUM (SAS 2020)	2020	9781728148427	Weblink
375	Madhu Kamble, Aditya Krishna Sai Pulikonda, Maddala Venkata Siva Krishna and Hemant A. Patil	Analysis of Teager Energy Profiles for Spoof Speech Detection	Proc. Odyssey: The Speaker and Language Recognition Workshop,	2020	9781424404711	Weblink
376	Vaghela, Maitri; Sasidhar, Kalyan	Analyzing the human behavior using pervasive sensing system	PROCEEDINGS OF THE 21ST INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING AND NETWORKING (ICDCN 2020)	2020	9781450377515	Weblink
377	Pandya M., Dave V., Ghosh R.	Artificial neural network (ANN) based soil electrical conductivity (SEC) prediction	2020 7th International Conference on Signal Processing and Integrated Networks, SPIN 2020	2020	9781728154756	Weblink
378	Zanzarukiya A., Jethwa B., Panchasara M., Parekh R.	Assistive Hand Gesture Glove for Hearing and Speech Impaired	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	9781728155180	Weblink
379	Bhateja, Puneet	Asynchronous test equivalence for probabilistic processes	2020 27TH ASIA-PACIFIC SOFTWARE ENGINEERING CONFERENCE (APSEC 2020)	2020	9781728195537	Weblink
380	Diksha, Agrawal Y., Parekh R., Palaparthi V.	Automated E-circuit Designing and Characterization using Prominent Neural Network	2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECs 2020	2020	9781728148625	Weblink
381	Patel D., Basu A., Mathuria A.	Automatic generation of compact printable shellcodes for x86	WOOT 2020 - 14th USENIX Workshop on Offensive Technologies, co-located with USENIX Security 2020	2020	10.5555/3488877	Weblink
382	Gajera H., Das M.L., Shah V.	Blockchain-powered healthcare insurance system	Security and Privacy of Electronic Healthcare Records	2020	9781785618987	Weblink
383	Alka Parikh	Changing Land Use systems and Farm Income Assessment Models	Workshop on Curriculum: farm income-market linkages-food systems,	2020	978-92-5-106773-4	Weblink
384	Arora, Neha; Mishra, Biswajit	Characterization of a Low Cost, Automated and Field Deployable 2-Lead Myocardial Infarction Detection System	2020 INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2020	9781728131870	Weblink

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385	Jani S., Patel P., Dlvakar B., Patel V., Parekh R.	Cloud based Accident Detection and Notification System	2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECs 2020	2020	9781728148625	Weblink
386	Srivastava P., Khare M., Khare A.	Combining Local Binary Pattern and Speeded-Up Robust Feature for Content-Based Image Retrieval	Communications in Computer and Information Science	2020	978-981-15-3380-8	Weblink
387	Kumar R., Mankodi A., Bhatt A., Chaudhury B., Amrutiya A.	Cross-Platform Performance Prediction with Transfer Learning using Machine Learning	2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020	2020	9781728168517	Weblink
388	Sujata, Koringa P.A., Mitra S.K.	CS-ONPP: Class Similarity Based ONPP for the Modular Facial Expression Recognition	Communications in Computer and Information Science	2020	978-981-15-8697-2	Weblink
389	Gajera H., Das M.L.	DeDOP: Deduplication with cross-server Ownership over encrypted data	ISEA-ISAP 2020 - Proceedings of the 3rd ISEA International Conference on Security and Privacy 2020	2020	9781728167084	Weblink
390	Bhatt, Jignesh S.; Joshi, M., V	Deep Learning in Hyperspectral Unmixing: A Review	IGARSS 2020 - 2020 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM	2020	9781728163741	Weblink
391	Trivedi R., Banik S., Patel P., Agrawal Y., Parekh R.	Design of prominent Time-to-Digital Converter using single electron transistor operating at room temperature	2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECs 2020	2020	9781728148625	Weblink
392	Gupta P., Prajapati G.P., Singh S., Kamble M.R., Patil H.A.	Design of Voice Privacy System using Linear Prediction	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2020 - Proceedings	2020	9789881476883	Weblink
393	Doshi N., Oza U., Kumar P.	Diabetic retinopathy classification using downscaling algorithms and deep learning	2020 7th International Conference on Signal Processing and Integrated Networks, SPIN 2020	2020	9781728154756	Weblink
394	Kiran, R. Uday; Watanobe, Yutaka; Chaudhury, Bhaskar; Zettsu, Koji; Toyoda, Masashi; Kitsuregawa, Masaru	Discovering maximal periodic-frequent patterns in very large temporal databases	2020 IEEE 7TH INTERNATIONAL CONFERENCE ON DATA SCIENCE AND ADVANCED ANALYTICS (DSAA 2020)	2020	9781728182063	Weblink
395	Divya B., Goswami M.M., Mitra S.	DNN based approaches for segmentation of handwritten gujarati text	Proceedings - 2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security, iSSSC 2020	2020	9781728188805	Weblink

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396	Sujata, Mitra S.K.	DNNFG: DNN based on fourier transform followed by gabor filtering for the modular FER	ICPRAM 2020 - Proceedings of the 9th International Conference on Pattern Recognition Applications and Methods	2020	9789897583971	Weblink
397	Kotecha D., Joshi M.V.	Document Image Binarization Using U-Net	Communications in Computer and Information Science	2020	978-981-15-8697-2	Weblink
398	Alik Banerjee and Alka Parikh	Economic View point of Water Scarcity: Search for Efficient Price Policy Mechanism	International Conference on Sustainable Technologies for Desalination & National Water Mission (InDACon 2020),	2020		Weblink
399	Rajpura D.G., Shah J., Patel M., Malaviya H., Phatnani K., Patil H.A.	Effectiveness of Transfer Learning on Singing Voice Conversion in the Presence of Background Music	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	9781728188959	Weblink
400	Shah B., Bhatt K., Mandal S., Mitra S.K.	EMOTIONCAPS - Facial Emotion Recognition Using Capsules	Communications in Computer and Information Science	2020	978-3-030-63820-7	Weblink
401	G. P. Prajapati, M. R. Kamble and Hemant A. Patil,	Energy Separation Based Features for Replay Spoof Detection for Voice Assistant	2020 28th European Signal Processing Conference (EUSIPCO),	2020	9789082797053	Weblink
402	Mankodi A., Bhatt A., Chaudhury B., Kumar R., Amrutiya A.	Evaluating Machine Learning Models for Disparate Computer Systems Performance Prediction	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and Communication Technologies	2020	9781728168289	Weblink
403	Kumar, Ankit; Jani, Kunal; Jishu, Abhishek Kumar; Patel, Hrishitva; Sharma, Aditya Kumar; Khare, Manish	Evaluation of Deep Learning Based Human Expression Recognition on Noisy Images	2020 7TH INTERNATIONAL CONFERENCE ON SOFT COMPUTING & MACHINE INTELLIGENCE (ISCMi 2020)	2020	9781728175591	Weblink
404	Mankodi A., Bhatt A., Chaudhury B.	Evaluation of neural network models for performance prediction of scientific applications	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2020	9781728184555	Weblink
405	Saha, Arnav; Sastry, Srikumar; Dave, Viral A.; Ghosh, Ranendu	Evaluation of Tree Species Classification Methods using Multi-Temporal Satellite Images	2020 IEEE LATIN AMERICAN GRSS & ISPRS REMOTE SENSING CONFERENCE (LAGIRS)	2020	9781728143507	Weblink
406	Shah, Dimple; Upasini, Aswini; Sasidhar, Kalyan	Findings from an experimental study of student behavioral patterns using smartphone sensors	2020 INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2020	9781728131870	Weblink
407	Bhattacharya P., Mehta P., Ghosh K., Ghosh S., Pal	FIRE 2020 AILA Track: Artificial Intelligence for Legal Assistance	ACM International Conference Proceeding Series	2020	9781450389785	Weblink

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	A., Bhattacharya A., Majumder P.					
408	Dave B., Gangopadhyay S., Majumder P., Bhattacharya P., Sarkar S., Devi S.L.	FIRE 2020 EDNIL Track: Event Detection from News in Indian Languages	ACM International Conference Proceeding Series	2020	9781450375948	Weblink
409	Doshi N., Koringa P.A., Ghosh R.	Geometric and radiometric assessment of sentinel-2A and sentinel-2B sensors	2020 7th International Conference on Signal Processing and Integrated Networks, SPIN 2020	2020	9781728154763	Weblink
410	Khushali K.B., Goswami M.M., Mitra S.K.	Handwritten Gujarati Word Image Matching using Autoencode	4th International Conference on Computational Intelligence and Networks, CINE 2020	2020	9781728156880	Weblink
411	Parekh, Krishna A.; Goswami, Mukesh M.; Mitra, Suman K.	Handwritten Numeral Recognition Using Polar Histogram of Low-Level Stroke Features	PROCEEDINGS OF 3RD INTERNATIONAL CONFERENCE ON COMPUTER VISION AND IMAGE PROCESSING, CVIP 2018, VOL 1	2020	978-981-32- 9088-4	Weblink
412	Garikipati G., Roshani, Mathuria A., Singh P.	HEDrone: Privacy-Preserving Proof-of-Alibi for Drone Compliance Based on Homomorphic Encryption	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	978-3-030- 66626-2	Weblink
413	Gupta V., Sastry S., Mitra S.K.	Hyperspectral image classification using trilateral filter and deep learning	Proceedings - 2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security, iSSSC 2020	2020	9781728188805	Weblink
414	Tiwari, Saurabh; Rathore, Santosh Singh; Sagar, Shreya; Mirani, Yash	Identifying Use Case Elements from Textual Specification: A Preliminary Study	2020 28TH IEEE INTERNATIONAL REQUIREMENTS ENGINEERING CONFERENCE (RE'20)	2020	9781728174389	Weblink
415	Doshi N., Shikkenawis G., Mitra S.K.	Image aesthetics assessment using multi channel convolutional neural networks	Communications in Computer and Information Science	2020	978-981-15- 4018-9	Weblink
416	Tiwari, Saurabh	Impact of CBL on Student's Learning and Performance: An Experience Report	ISOFT: PROCEEDINGS OF THE 13TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE	2020	9781450375948	Weblink
417	Sesha Sai Anudeep K., Khorla K., Das R.L.	Improving Steady-State Performance of the UT-ZA- PNLMS Algorithm for Sparse Systems	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	9781728188959	Weblink
418	Purohit M., Patel M., Malaviya H., Patil A.,	Intelligibility Improvement of Dysarthric Speech using MMSE DiscoGAN	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	9781728188959	Weblink

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	Parmar M., Shah N., Doshi S., Patil H.A.					
419	Parikh A., Bisht A.S., Majumder P.	IRLab DAICT at SemEval-2020 Task 12: Machine Learning and Deep Learning Methods for Offensive Language Identification	14th International Workshops on Semantic Evaluation, SemEval 2020 - co-located 28th International Conference on Computational Linguistics, COLING 2020, Proceedings	2020	9781952148316	Weblink
420	Parikh A., Bisht A.S., Majumder P.	IRLab DAICT at SemEval-2020 Task 9: Machine Learning and Deep Learning Methods for Sentiment Analysis of Code-Mixed Tweets	14th International Workshops on Semantic Evaluation, SemEval 2020 - co-located 28th International Conference on Computational Linguistics, COLING 2020, Proceedings	2020	9781952148316	Weblink
421	Bhatt P., Sujata, Mitra S.K.	Kernel variants of extended locality preserving projection	Communications in Computer and Information Science	2020	978-981-15-4018-9	Weblink
422	Khare, Ashish; Mounika, B. Reddy; Khare, Manish	Keyframe Extraction Using Binary Robust Invariant Scalable Keypoint Features	TWELFTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2019)	2020	9781510636439	Weblink
423	Das R.L.	ℓ_1/ℓ_0 Regularized Conjugate Gradient Based Sparse Adaptive Algorithms	SPCOM 2020 - International Conference on Signal Processing and Communications	2020	9781728188959	Weblink
424	Diwan, Anjali; Roy, Anil K.; Mitra, Suman K.	Locality Preserving Projection Based Multiple Copy-Paste Forgery Detection	PROCEEDINGS OF 2020 IEEE APPLIED SIGNAL PROCESSING CONFERENCE (ASPCON 2020)	2020	9781728168821	Weblink
425	Nigam A., Srivastava S.	Macroscopic Traffic Stream Variable Prediction with Weather Impact using Recurrent Learning Approach	Proceedings of 2020 IEEE-HYDCON International Conference on Engineering in the 4th Industrial Revolution, HYDCON 2020	2020	9781728149943	Weblink
426	Ghosh, Pratik; Chaudhury, Bhaskar	Mesh Refinement Based Simulation of Complex Plasma Dynamics during High Power Millimeter Wave Breakdown	2020 IEEE MTT-S INTERNATIONAL CONFERENCE ON NUMERICAL ELECTROMAGNETIC AND MULTIPHYSICS MODELING AND OPTIMIZATION (NEMO 2020)	2020	9781728169668	Weblink
427	Aghera S., Gajera H., Mitra S.K.	MnasNet based lightweight CNN for facial expression recognition	Proceedings - 2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security, iSSSC 2020	2020	9781728188805	Weblink
428	Patel S., Garg T., Patel G., Roshani, Chaudhury B., Maiti T.K.	Motion Retargeting and Machine Learning for Humanoid Robotics	3rd International Symposium on Devices, Circuits and Systems, ISDCS 2020 - Proceedings	2020	9781728165646	Weblink
429	Malaviya, Harshit; Shah,	Mspec-Net : Multi-Domain Speech Conversion Network	2020 IEEE INTERNATIONAL CONFERENCE ON	2020	9781509066315	Weblink

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	Jui; Patel, Maitreya; Munshi, Jalansh; Patil, Hemant A.		ACOUSTICS, SPEECH, AND SIGNAL PROCESSING			
430	Mankodi A., Bhatt A., Chaudhury B.	Multivariate Performance and Power Prediction of Algorithms on Simulation-Based Hardware Models	Proceedings - 2020 19th International Symposium on Parallel and Distributed Computing, ISPDC 2020	2020	9781728189468	Weblink
431	Dave, Rishi; Khare, Manish; Mitra, Suman K.	Mutual Information Based Kernel for Image Classification	2020 7TH INTERNATIONAL CONFERENCE ON SOFT COMPUTING & MACHINE INTELLIGENCE (ISCMi 2020)	2020	9781728175591	Weblink
432	Diwan A., Koringa P.A., Roy A.K., Mitra S.K.	Neighbourhood Projection Embedding Based Image Tampering Detection and Localization	Communications in Computer and Information Science	2020	978-981-15-8697-2	Weblink
433	Madhu R. Kamble, and Hemant A. Patil	Novel Variable Length Teager Energy Profiles for Replay Spoof Detection	Proc. Odyssey: The Speaker and Language Recognition Workshop,	2020	9781424404711	Weblink
434	Prajapati, Shreyansh A.; Deb, Sourav; Gupta, Manish K.	On Some Universally Good Fractional Repetition Codes	2020 INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2020	9781728131870	Weblink
435	Bhattacharya P., Mehta P., Ghosh K., Ghosh S., Pal A., Bhattacharya A., Majumder P.	Overview of the FIRE 2020 AILA track: Artificial intelligence for legal assistance	CEUR Workshop Proceedings	2020	1.6E+07	Weblink
436	Dave B., Gangopadhyay S., Majumder P., Bhattacharya P., Sarkar S., Devi S.L.	Overview of the FIRE 2020 EDNIL track: Event detection from news in Indian languages	CEUR Workshop Proceedings	2020	1.6E+07	Weblink
437	Mandl T., Modha S., Shahi G.K., Jaiswal A.K., Nandini D., Patel D., Majumder P., Schafer J.	Overview of the HASOC track at FIRE 2020: Hate speech and offensive content identification in Indo-European languages	CEUR Workshop Proceedings	2020	1.6E+07	Weblink
438	Mitchell, Joseph S. B.; Pandit, Supantha	Packing and Covering with Segments	WALCOM: ALGORITHMS AND COMPUTATION (WALCOM 2020)	2020	978-3-030-39881-1	Weblink
439	Misra A., Diksha D.,	Performance Evaluation of On-chip Interconnect System	2020 IEEE International Students' Conference on	2020	9781728148625	Weblink

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	Agrawal Y., Palaparthi V.	using Prospective Neural Network Design	Electrical, Electronics and Computer Science, SCEECs 2020			
440	Mankodi A., Bhatt A., Chaudhury B.	Performance Prediction of Physical Computer Systems Using Simulation-Based Hardware Models	2020 International Conference on High Performance Big Data and Intelligent Systems, HPBD and IS 2020	2020	9781728165110	Weblink
441	Gajera H., Das M.L.	Privc: Privacy Preserving Verifiable Computation	2020 International Conference on COMMunication Systems and NETWORKS, COMSNETS 2020	2020	9781728131870	Weblink
442	Haridas, Deepthi; Shukla, Rakesh; Prakash, Hari Om; Rallapalli, Phani Bhushan; Sarma, Venkataraman; Venkatraman, V. Raghu; Shah, Harshal; Vaishnav, Harshul	Qsecret-sharing scheme (Qss)-based keyless: Titanium secure (titaniumsec) email application	FIRST INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGIES FOR COMPUTATIONAL INTELLIGENCE	2020	978-981-15-0029-9	Weblink
443	Shah N., Sreeraj R., Madhavi M.C., Shah N.J., Patil H.A.	Query-By-Example Spoken Term Detection Using Generative Adversarial Network	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2020 - Proceedings	2020	9789881476883	Weblink
444	Sankhavara J., Majumder P.	Query-focused biomedical text summarization in BioASQ 8B	CEUR Workshop Proceedings	2020	1.6E+07	Weblink
445	Jethwa B., Panchasara M., Zanzarukiya A., Parekh R.	Realtime Wireless Embedded Electronics for Soldier Security	Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and Communication Technologies	2020	9781728168289	Weblink
446	Patel T., Jain A., Gameti D., Patel U., Parekh R.	Remote Structural Health Monitoring System for Bridges	2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECs 2020	2020	9781728148625	Weblink
447	Patil A.T., Patil H.A.	Significance of CMVN for Replay Spoof Detection	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2020 - Proceedings	2020	9789881476883	Weblink
448	Shah R., Parekh R., Dhavse R.	Strategy for Designing Single Electron Transistors	Communications in Computer and Information Science	2020	978-981-15-7219-7	Weblink

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449	Kotta H., Patil A.T., Acharya R., Patil H.A.	Subband Channel Selection using TEO for Replay Spoof Detection in Voice Assistants	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2020 - Proceedings	2020	9789881476883	Weblink
450	Phatnani K.S., Patil H.A.	Symmetry in the Structure of Musical Nodes	2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2020 - Proceedings	2020	9789881476883	Weblink
451	Prajapati P., Thakkar S., Shah K.	Targeted optical character recognition: Classification using capsule network	Communications in Computer and Information Science	2020	978-981-15-4018-9	Weblink
452	Miral Shah, Bhaskar Chaudhury, Mainak Bandyopadhyay and Arun Chakraborty	The feasibility of resonance induced instabilities in the magnetic filter region of low temperature plasma based negative ion sources	AIP Conference Proceedings,	2020	9780735441095	Weblink
453	Phatnani, Kirtana S. and Hemant A. Patil	The Symmetry in the Structure of Musical Nodes	Proc. 2020 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC),	2020	978-988-14768-8-3	Weblink
454	Patel, Kirtan; Das, Manik Lal	Transcript Management Using Blockchain Enabled Smart Contracts	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY (ICDCIT 2020)	2020	978-3-030-36987-3	Weblink
455	Tiwari, Saurabh; Arora, Rishab; Bharambe, Ashray	UC2Map: Automatic Translation of Use Case Maps from Specification	PROCEEDINGS OF THE 35TH ANNUAL ACM SYMPOSIUM ON APPLIED COMPUTING (SAC'20)	2020	9781450368667	Weblink
456	Patel N., Agrawal Y., Parekh R., Kumar M.G.	Variability Analysis of On-chip Graphene Interconnects at Subthreshold Regime	2020 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2020	2020	9781728148625	Weblink
457	Gajera H., Giraud M., G�rault D., Das M.L., Lafourcade P.	Verifiable and Private Oblivious Polynomial Evaluation	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2020	978-3-030-41702-4	Weblink
458	Vasavada Y., Parekh N., Dhami A., Prakash C.	A blind iterative hybrid analog/digital beamformer for the single user mmwave reception using a large scale antenna array	2021 National Conference on Communications, NCC 2021	2021	9781665441773	Weblink
459	Jethwa M.K., Devre H.M., Agrawal Y., Parekh R.	A Comparative Study of MOSFET (Single and Double Gate), Silicon Nanowire FET, and CNTFET by Varying the Oxide Thickness	Proceeding of Fifth International Conference on Microelectronics, Computing and Communication Systems	2021	978-981-16-0275-7	Weblink

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460	Kumar A., Jani K., Khatri D., Patel H., Sharma A.K., Sahu N.K.	A Computer-Based Simulation Showing Balance of the Population of Predator and Prey and the Effects of Human Intervention	IOP Conference Series: Materials Science and Engineering	2021	11031 012049	Weblink
461	Kotak N., Roy A.K., Dasgupta S., Ghosal T.	A Consistency Analysis of Different NLP Approaches for Reviewer-Manuscript Matchmaking	International Conference on Asian Digital Libraries	2021	9783030895426	Weblink
462	Anand P.	A pinball loss support vector machine based regression model	Proceedings of the 2021 IEEE 18th India Council International Conference, INDICON 2021	2021	10.1109/INDICON52576.2021	Weblink
463	Tiwari S., Farooq S.U., Rathore S.S.	A Report on the Fourth Workshop on Emerging Software Engineering Education (WESEE 2021)	ACM International Conference Proceeding Series	2021	9781450390460	Weblink
464	Fernandez J., Das R.L.	A Robust Zero-attracting Proportionate Logarithmic Hyperbolic Cosine Adaptive Filter against Impulsive Noise for Sparse Systems	Proceedings of the 2021 IEEE 18th India Council International Conference, INDICON 2021	2021	978-1-6654-4175-9	Weblink
465	John J., Palaparthi V.S., Detha A., Baghini M.S.	A temperature compensated soil specific calibration approach for frequency domain soil moisture sensors for in-situ agricultural applications	2021 IEEE Sensors Applications Symposium, SAS 2021 - Proceedings	2021	9781728194318	Weblink
466	Parmar K., Solanki D., Sangada J., Parekh R.	Accident Detection and Notification System Using AWS	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021	9781665428675	Weblink
467	Vedant Parikh, Upal Bhattacharya, Parth Mehta, Ayan Bandyopadhyay, Paheli Bhattacharya, Kripa Ghosh, Saptarshi Ghosh, Arindam Pal, Arnab Bhattacharya, and Prasenjit Majumder	AILA 2021: Shared task on Artificial Intelligence for Legal Assistance	13th Forum for Information Retrieval Evaluation, FIRE-WN 2021	2021	978-1-4503-9596-0	Weblink
468	Banerjee A., Shah P., Nandani S., Tyagi S., Kumar S., Chaudhury B.	An Empirical Investigation of OpenMP Based Implementation of Simplex Algorithm	International Workshop on OpenMP	2021	978-3-030-68211-8	Weblink

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469	Gupta M., Singh P.	An Image Forensic Technique Based on SIFT Descriptors and FLANn Based Matching	2021 12th International Conference on Computing Communication and Networking Technologies, ICCCNT 2021	2021	9781728185965	Weblink
470	Sahu N.K., Rajput E.	An Insight into the Frames in Hilbert C* -modules	Mathematical Analysis and Computing	2021	978-981-33-4646-8	Weblink
471	Raykar D.B., JayPrakash L.T., Dinesha K.V.	An Iterative and Incremental Approach to Address Regulatory Compliance Concerns in Requirements Engineering	Communications in Computer and Information Science	2021	978-981-16-0403-4	Weblink
472	Gupta Y.K., Agrawal Y., Parekh R., Gohel B.	Assessment of Emerging Graphene based Network-on-chip for Integrated Circuit Design	2021 25th International Symposium on VLSI Design and Test, VDAT 2021	2021	9781665419925	Weblink
473	Jana S., Pandit S., Roy S.	Balanced Connected Graph Partition	Conference on Algorithms and Discrete Applied Mathematics	2021	978-3-030-67899-9	Weblink
474	Nanavati R., Shah S., Joshi M.	Black Box Attack on Speech Commands Classification Model	Midwest Symposium on Circuits and Systems	2021	10.1109/MWSCAS47672.2021	Weblink
475	Purohit S., Agrawal Y., Gohel B., Palaparthi V., Parekh R.	Capacitive Electrode Based Single Lead ECG Detection	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	2021	978-1-6654-3564-2	Weblink
476	Javia R.P., Goswami M.M., Mitra S.K.	Character Segmentation from Handwritten Gujarati isolated words using Deep Learning	Proceedings of the 2021 IEEE 18th India Council International Conference, INDICON 2021	2021	978-1-6654-4175-9	Weblink
477	Patel M., Purohit M., Shah J., Patil H.A.	CinC-GAN for effective F0 prediction for whisper-to-normal speech conversion	European Signal Processing Conference	2021	2.2E+07	Weblink
478	Patel, Maitreya; Purohit, Mirali; Shah, Jui; Patil, Havant A.	CinC-GAN for Effective F-0 prediction for Whisper-to-Normal Speech Conversion	28TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO 2020)	2021	9781728150017	Weblink
479	Pathade T., Agrawal Y., Parekh R., Kumar M.G.	CNTFET Based Low Power Repeaters for On-Chip Interconnect System	2021 25th International Symposium on VLSI Design and Test, VDAT 2021	2021	9781665419925	Weblink
480	Ghosh P., Chaudhury B.	Computational Investigation of Microwave Breakdown in HPM Switching and Protection	2021 IEEE MTT-S International Microwave and RF Conference, IMARC 2021	2021	978-1-6654-5875-7	Weblink
481	Kotak N., Roy A.K., Dasgupta S., Ghosal T.	Consistency Analysis of NLP Approaches for a Conference Reviewer-Manuscript Match-Making System	Proceedings of the 2021 IEEE 18th India Council International Conference, INDICON 2021	2021	978-1-6654-4175-9	Weblink
482	Acharyya A., Keikha V., Majumdar D., Pandit S.	Constrained Hitting Set Problem with Intervals	International Computing and Combinatorics Conference	2021	9783030895426	Weblink

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483	Srivastava P., Khare M., Khare A.	Content-Based Image Retrieval Using Local Derivative Laplacian Co-occurrence Pattern	Multimedia Technology and Enhanced Learning	2021	978-3-030-82565-2	Weblink
484	Talavia Y., Singh P., Manoharan S.	Covid-19 Tracker: A data visualization tool for time series data of pandemic in India	2021 IEEE Asia-Pacific Conference on Computer Science and Data Engineering, CSDE 2021	2021	978-1-6654-9552-3	Weblink
485	Acharya R., Kotta H., Patil A.T., Patil H.A.	Cross-teager energy cepstral coefficients for replay spoof detection on voice assistants	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2021	9781728176062	Weblink
486	Singh D.K., Amin P.P., Sailor H.B., Patil H.A.	Data Augmentation Using CycleGAN for End-to-End Children ASR	European Signal Processing Conference	2021	2.2E+07	Weblink
487	Gupta S., Khorra K., Patil A.T., Patil H.A.	Deep Convolutional Neural Network for Voice Liveness Detection	2021 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2021 - Proceedings	2021	978-98 8-14768-9-0	Weblink
488	Desai N., Das M.L.	DeSAN: De-anonymization against Background Knowledge in Social Networks	2021 12th International Conference on Information and Communication Systems, ICICS 2021	2021	9781665433518	Weblink
489	Mehrotra A., Gupta S.	Design and Analysis of a Broadband Low Noise Amplifier using 0.25 μm GaAs pHEMT Process	Proceeding - 2021 International Conference on Radar, Antenna, Microwave, Electronics, and Telecommunications: Managing the Impact of Covid-19 Pandemic: Together Facing Challenges Through Electronics and ICTs, ICRAMET 2021	2021	9781538665916	Weblink
490	Gaurav T., Bhatt A., Parekh R.	Design and Implementation of low power RISC v ISA based coprocessor design for Matrix multiplication	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021	9781665428675	Weblink
491	Sharma A., Dhavse R., Agrawal Y., Parekh R.	Design of Prominent Single-Precision 32-Bit Floating-Point Adder Using Single-Electron Transistor Operating at Room Temperature	Advances in VLSI and Embedded Systems	2021	978-981-15-6229-7	Weblink
492	Singh A.K., Singh P.	Detection of AI-Synthesized Speech Using Cepstral & Bispectral Statistics	Proceedings - 4th International Conference on Multimedia Information Processing and Retrieval, MIPR 2021	2021	978-1-6654-1865-2	Weblink
493	Kumar A., Jani K., Nirav Shah V., Khatri D., Sahu N.K., Khare M.	Development of an Accurate Cheque Reader Based on a Comparative Study of Various Methods of Digit Recognition	2021 8th International Conference on Soft Computing and Machine Intelligence, ISCMi 2021	2021	9781728186832	Weblink

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494	Chavda P., Mandal S., Mitra S.K.	Dimensionality Reduction by Consolidated Sparse Representation and Fisher Criterion with Initialization for Recognition	Communications in Computer and Information Science	2021	978-981-16-0403-4	Weblink
495	Gorain B., Mondal K., Pandit S.	Distributed Independent Sets in Interval and Segment Intersection Graphs	International Conference on Current Trends in Theory and Practice of Informatics	2021	978-3-030-67730-5	Weblink
496	Shah S., Joshi M.V.	Document Language Classification: Hierarchical Model with Deep Learning Approach	International Conference on Computer Analysis of Images and Patterns	2021	9783030895426	Weblink
497	Miral Shah, Bhaskar Chaudhury, Ma- nak Bandyopadhyay, Arun Chakraborty and Pratik Ghosh	Double layer formation and its possible effects on plasma transport across the transverse magnetic filter in the context of negative ion sources	74th Annual Gaseous Electronics Conference	2021		Weblink
498	Datta S., Tawari A., Vasudev Y.	Dynamic Complexity of Expansion	International Computer Science Symposium in Russia	2021	978-3030794156	Weblink
499	Saraswat D., Das M.L.	Edge-enabled Secure Healthcare System	2021 IEEE International Conference on Communications Workshops, ICC Workshops 2021 - Proceedings	2021	9781728194417	Weblink
500	Jadeja M., Muthu R.	Edgeless Graph: A New Graph-Based Information Visualization Technique	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink
501	Kumar H., Jethwa M.K., Porwal A., Dhapse R., Devre H.M., Parekh R.	Effect of Different Channel Material on the Performance Parameters for FinFET Device	Proceeding of Fifth International Conference on Microelectronics, Computing and Communication Systems	2021	978-981-16-0275-7	Weblink
502	Rohan P., Singh P., Mohanty M.	Effect of Environmental Conditions on PRNU	Proceedings - 2021 IEEE 24th International Conference on Computational Science and Engineering, CSE 2021	2021	978-1-6654-1660-3	Weblink
503	Singh H., Sharma M.	Electronic Warfare System Using Anti-Radar UAV	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	2021	978-1-6654-3564-2	Weblink
504	Dave C., Khare M.	Emotion Detection in Conversation Using Class Weights	2021 8th International Conference on Soft Computing and Machine Intelligence, ISCMCI 2021	2021	9781728186832	Weblink
505	Gandhi K., Pandat A., Bhise M.	Experiments on Static Data Summarization Techniques	Proceedings of 2021 IEEE International Women in Engineering (WIE) Conference on Electrical and	2021	9781665430272	Weblink

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			Computer Engineering, WIECON-ECE 2021			
506	Shah N.J., Shaik M.A.B., Periyasamy P., Patil H.A., Vij V.	Exploiting Phase-based Features for Whisper vs. Speech Classification	European Signal Processing Conference	2021	2.2E+07	Weblink
507	Captain K., Joshi M.	Exploiting Space and Antenna Diversity for Wideband Spectrum Sensing	2021 International Conference on COMMunication Systems and NETworkS, COMSNETS 2021	2021	9781728191287	Weblink
508	Pratik Ghosh and Bhaskar Chaudhury	Fast simulation of gas heating effects during high power mmWave breakdown	74th Annual Gaseous Electronics Conference	2021		Weblink
509	Verma P., Mathuria A., Dasgupta S.	Faster Private Rating Update via Integer-Based Homomorphic Encryption	International Conference on Information Systems Security	2021	978-3-030-92571-0	Weblink
510	Gajera H., Das M.L.	Fine-grained Data Deduplication and proof of storage Scheme in Public Cloud Storage	2021 International Conference on COMMunication Systems and NETworkS, COMSNETS 2021	2021	9781728191270	Weblink
511	Pradhan P., Mazumder A., Mandal S., Subudhi B.N.	Fusion-UWnet: Multi-channel Fusion-based Deep CNN for Underwater Image Enhancement	Oceans Conference Record (IEEE)	2021	10.23919/OCEANS44145.2021	Weblink
512	Macwan R., Das S., Das M.L.	GIDS: Anomaly Detection Using Generative Adversarial Networks	Communications in Computer and Information Science	2021	978-981-16-0403-4	Weblink
513	Desai A., Mashruwala V., Khare M.	Handwritten Signature Verification Using Complex Wavelet Transform and Mutual Information Based Kernel	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink
514	Sherashiya S., Shikkenawis G., Mitra S.K.	Image Aesthetic Assessment: A Deep Learning Approach Using Class Activation Map	Communications in Computer and Information Science	2021	978-981-16-0403-4	Weblink
515	Nigam, Archana; Chaturvedi, Manish; Srivastava, Sanjay	Impact of Rainfall and Waterlogging on Traffic Stream Variables in Developing Countries	2021 INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2021	9781728191287	Weblink
516	Purohit S., Laddha P., Parekh R.	Implementation and Physical Design of 8/4-Bit Signed Divider	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	2021	978-1-6654-3564-2	Weblink
517	Kachhadiya R.J., Agrawal Y., Parekh R.	Implementation of ALU using RTL to GDSII flow and on NEXYS 4 DDR FPGA board	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021	9781665428675	Weblink

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518	Shah M., Kumar P.	Improved handling of motion blur for grape detection after deblurring	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	2021	978-1-6654-3564-2	Weblink
519	Jadeja M., Kanakia H., Muthu R.	Interactive Labelled Object Treemap: Visualization Tool for Multiple Hierarchies	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink
520	Patel G., Roshani, Garg T., Patel S., Maiti T.K., Chaudhury B.	Inverse Kinematics Based Computational Framework for Robot Manipulation Inspired by Human Movements	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink
521	Palaparthi V.S., John J., Baghini M.S.	Investigating heater resistance tolerance of the heat-pulse sensor for accurate soil moisture measurements on vadose zone soil	2021 IEEE Sensors Applications Symposium, SAS 2021 - Proceedings	2021	9781728194318	Weblink
522	Prajapati R., Parikh V., Majumder P.	IRLAB-DAICT@DravidianLangTech-EACL2021: Neural Machine Translation	Proceedings of the 1st Workshop on Speech and Language Technologies for Dravidian Languages, DravidianLangTech 2021 at 16th Conference of the European Chapter of the Association for Computational Linguistics, EACL 2021	2021	978-1-954085-06-0	Weblink
523	Dave B., Bhat S., Majumder P.	IRNLP DAICT@DravidianLangTech-EACL2021: Offensive Language identification in Dravidian Languages using TF-IDF Char N-grams and MuRIL	Proceedings of the 1st Workshop on Speech and Language Technologies for Dravidian Languages, DravidianLangTech 2021 at 16th Conference of the European Chapter of the Association for Computational Linguistics, EACL 2021	2021	978-1-954085-06-0	Weblink
524	Shah R., Parekh R., Dhavse R.	Island Engineering of Single-Electron Transistor for Room Temperature Operation	Advances in VLSI and Embedded Systems	2021	978-981-15-6229-7	Weblink
525	Pandat, Ami; Gupta, Nidhi; Bhise, Minal	Load Balanced Semantic Aware Distributed RDF Graph	IDEAS 2021: 25TH INTERNATIONAL DATABASE ENGINEERING & APPLICATIONS SYMPOSIUM	2021	978-1-4503-8991-4	Weblink
526	Nigam A., Srivastava S.	Macroscopic Traffic Stream Variables Prediction with Weather Impact Using Hybrid CNN-LSTM model	ACM International Conference Proceeding Series	2021	9781450381840	Weblink
527	Chaudhary P., Ghodgaonkar D.K., Gupta S., Jyoti R., Mahajan M.B.	Miniaturized L1 and L5-Band Circularly Polarized Rectangular Dielectric Resonator Antennas for Navigation Satellite Applications	2021 IEEE Indian Conference on Antennas and Propagation, InCAP 2021	2021	978-1-6654-0110-4	Weblink

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528	Mankodi A., Bhatt A., Chaudhury B., Kumar R., Amrutiya A.	Modeling Performance and Power on Disparate Platforms Using Transfer Learning with Machine Learning Models	Modeling, Simulation and Optimization	2021	978-981-15-9829-6	Weblink
529	Singh S., Khoria K., Patil H.A.	Modified Group Delay Cepstral Coefficients for Voice Liveness Detection	European Signal Processing Conference	2021	2.2E+07	Weblink
530	Singh S., Khoria K., Patil H.A.	Modified Group Delay Function Using Different Spectral Smoothing Techniques for Voice Liveness Detection	International Conference on Speech and Computer	2021	978-3-030-87801-6	Weblink
531	Sujata, Mitra S.K.	Modular facial expression recognition using double channel DNNs	VISIGRAPP 2021 - Proceedings of the 16th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications	2021	9789897584886	Weblink
532	Mhasakar P., Mandal S., Mitra S.K.	Multi-stream CNN for Face Anti-spoofing Using Color Space Analysis	Communications in Computer and Information Science	2021	978-981-16-0403-4	Weblink
533	Kumar P., Shingala M.	Native monkey detection using deep convolution neural network	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink
534	Jain P., Shikkenawis G., Mitra S.K.	NATURAL SCENE STATISTICS AND CNN BASED PARALLEL NETWORK FOR IMAGE QUALITY ASSESSMENT	Proceedings - International Conference on Image Processing, ICIP	2021	10.1109/ICIP42928.2021	Weblink
535	Oza U., Patel S., Kumar P.	NovemE - Color Space Net for Image Classification	Asian Conference on Intelligent Information and Database Systems	2021	978-3-030-73280-6	Weblink
536	Madireddy R.R., Nandy S.C., Pandit S.	On the Geometric Red-Blue Set Cover Problem	International Workshop on Algorithms and Computation	2021	978-3-030-68211-8	Weblink
537	Kotta H., Pardasani K., Pandya M., Ghosh R.	Optimization of loss functions for predictive soil mapping	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink
538	Satapara S., Modha S., Mandl T., Madhu H., Majumder P.	Overview of the HASOC Subtrack at FIRE 2021: Conversational Hate Speech Detection in Code-mixed language	CEUR Workshop Proceedings	2021	1.6E+07	Weblink
539	Mandl T., Modha S., Shahi G.K., Madhu H., Satapara S., Majumder P., Schäfer J., Ranasinghe T., Zampieri M., Nandini D., Jaiswal A.K.	Overview of the HASOC Subtrack at FIRE 2021: Hate Speech and Offensive Content Identification in English and Indo-Aryan Languages	CEUR Workshop Proceedings	2021	1.6E+07	Weblink

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540	Modha S., Mandl T., Shahi G.K., Madhu H., Satapara S., Ranasinghe T., Zampieri M.	Overview of the HASOC Subtrack at FIRE 2021: Hate Speech and Offensive Content Identification in English and Indo-Aryan Languages and Conversational Hate Speech	ACM International Conference Proceeding Series	2021	9781450336703	Weblink
541	Parikh V., Bhattacharya U., Mehta P., Bandyopadhyay A., Bhattacharya P., Ghosh K., Ghosh S., Pal A., Bhattacharya A., Majumder P.	Overview of the Third Shared Task on Artificial Intelligence for Legal Assistance at FIRE 2021	CEUR Workshop Proceedings	2021	1.6E+07	Weblink
542	Makhe V., Palaparthi V., Agrawal Y.	Parasitic Extraction and Performance Assessment using Experimental Analysis of rGO Interconnects for PCB Designs	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	2021	978-1-6654-3564-2	Weblink
543	Gorain B., Mondal K., Nayak H., Pandit S.	Pebble Guided Near Optimal Treasure Hunt in Anonymous Graphs	Structural Information and Communication Complexity	2021	978-3-030-79527-6	Weblink
544	Bulani H., Darji P., Sanghvi R., Kalavadiya A., Parekh R.	Performance Analysis of a Single Junction Crystalline Solar Cell using 1D Drift Diffusion Modelling	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021	9781665428675	Weblink
545	Joshi R., Shaherawala P., Rana K., Joshi K., Parekh R.	Performance Analysis of UTB and Nanowire Tunnel FET by varying various Device Intrinsic Parameters	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021	9781665428675	Weblink
546	Bhateja P.	Probabilistic testing of asynchronously communicating systems	Proceedings - Asia-Pacific Software Engineering Conference, APSEC	2021	10.1109/APSEC53868.2021	Weblink
547	Pathade T., Agrawal Y., Parekh R., Girish Kumar M.	Prospective Incorporation of Booster in Carbon Interconnects for High-Speed Integrated Circuits	Advances in VLSI and Embedded Systems	2021	978-981-15-6229-7	Weblink
548	Ami Pandat and Minal Bhise	RDF Data Processing : Relational vs. Graph Approach	74th Annual Gaseous Electronics Conference	2021		Weblink
549	Patel V., Rajput P., Zanzarukiya A., Parekh R.	Real-Time Globally Accessible Accident Notifications and Tracking for the Motor-Vehicles	Proceeding of Fifth International Conference on Microelectronics, Computing and Communication Systems	2021	978-981-16-0275-7	Weblink
550	Shah J., Bhasin A.	Real-time neural-net driven optimized inverse kinematics for a robotic manipulator arm	Advances in Intelligent Systems and Computing	2021	978-981-15-9952-1	Weblink

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551	Singh P.	Robust Homomorphic Video Hashing	Proceedings - 4th International Conference on Multimedia Information Processing and Retrieval, MIPR 2021	2021	978-1-6654-1865-2	Weblink
552	Maiti T.K.	ROS on ARM Processor Embedded with FPGA for Improvement of Robotic Computing	4th International Symposium on Devices, Circuits and Systems, ISDCS 2021 - Conference Proceedings	2021	9781665414784	Weblink
553	Patel S., Dave B., Kumbhani S., Desai M., Kumar S., Chaudhury B.	Scalable parallel algorithm for fast computation of Transitive Closure of Graphs on Shared Memory Architectures	Proceedings of ESPM2 2021: 6th International IEEE Workshop on Extreme Scale Programming Models and Middleware, Held in conjunction with SC 2021: The International Conference for High Performance Computing, Networking, Storage and Analysis	2021	9781665411400	Weblink
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