

**L. D. College of Engineering, Ahmedabad**  
**Research Paper Publications**

Sr. No.	Dept.	Faculty Name	Paper Title, Name of the Journal /Conference, Publication Month, Publication Year	Link of the Paper
1	Applied Mechanics	Yogesh J. Chauhan	Dynamic analyses of triceratops under Hurricane-driven Metocean conditions in Gulf of Mexico, Journal of Ocean Engineering, Elsevier, May, 2022	<a href="https://doi.org/10.1016/j.oceaneng.2022.111511">https://doi.org/10.1016/j.oceaneng.2022.111511</a>
2	Applied Mechanics	Yogesh J. Chauhan	Fatigue Assessment of Offshore Triceratops Restraining System Under Hurricane-driven Metocean Conditions, International Journal of Steel Structures, Springer, October, 2022	<a href="https://doi.org/10.1007/s13296-022-00689-w">https://doi.org/10.1007/s13296-022-00689-w</a>
3	Applied Mechanics	Dr Manish V Shah	Effect of bioremediation technique on engineering properties of crude oil-contaminated soil, Biocatalysis and Agricultural Biotechnology, June, 2022	<a href="https://doi.org/10.1016/j.bcab.2022.102393">https://doi.org/10.1016/j.bcab.2022.102393</a>
4	Applied Mechanics	Dr Manish V Shah	A Critical Review On Thermal Conductivity Of, Science, Technology and Development, May, 2022	<b><u>DOI:22.18001.STD.2022.V11I05.22.35456</u></b>
5	Applied Mechanics	Dr Manish V Shah	Experimental Study of the Consolidation Characteristics of Saturated and Unsaturated Municipal Solid Waste (MSW) Using Large Scale Consolidometer, Medicon Engineering Themes, July, 2022	DOI: 10.55162/MCET.03.052
6	Applied Mechanics	Dr Manish V Shah	Analytical Study of High Speed Rail Bridge and Pile Foundation Subjected to Soil Structure Interaction Using Finite Element Software, DICKENSIAN JOURNAL, June, 2022	<a href="http://www.dickensianjournal.org/vol22/issue6/2022">www.dickensianjournal.org/vol22/issue6/2022</a>

7	Applied Mechanics	Dr Manish V Shah	Effect of Artificial Simulation of Jointed Orientation of Carbonate Sedimentary Rocks on Strength Parameters using Triaxial System, Physical Modelling in Geotechnics (ICPMG 2022), Korea, Sept, 2022	<a href="https://icpmg2022.org/">https://icpmg2022.org/</a> & <a href="https://sigongji.icpmg2022.org/">https://sigongji.icpmg2022.org/</a>
8	Applied Mechanics	Dr Manish V Shah	Compressibility characteristics of soft kaolinitic clay mass through perforated bamboo using model consolidation test, Physical Modelling in Geotechnics (ICPMG 2022), Korea, Sept, 2022	<a href="https://icpmg2022.org/">https://icpmg2022.org/</a> & <a href="https://sigongji.icpmg2022.org/">https://sigongji.icpmg2022.org/</a>
9	Applied Mechanics	Dr Manish V Shah	Assessment of Effect of Anisotropy On Failure Mode and Shear Parameters of Chamoli Rock Using Triaxial System, IX Latin American Rock Mechanics Symposium, Asunción-Paraguay, October, 2022	<a href="#">Proceedings – IX Latin American Rock Mechanics Symposium 2022 (larms2022.com)</a>
10	Applied Mechanics	Dr Manish V Shah	Analytical Study of High Speed Rail Bridge and Pile Foundation Subjected to Soil Structure Interaction Using Finite Element Software, Journal of Civil, Construction and Environmental Engineering, December, 2022	doi: 10.11648/j.jccee.20230801.12, ISSN: 2637-3882 (P), ISSN: 2637-3890(online).
11	Applied Mechanics	Dr Manish V Shah	Assessment of Pozzolanic Reaction and Resulting Strength of Dune Sand Stabilized with Cement Supplementary Pozzolanic Waste Materials, Journal of Civil, Construction and Environmental Engineering, December, 2022	doi: 10.11648/j.jccee.20220706.13, ISSN: 2637-3882 (P), ISSN: 2637-3890(online)
12	Applied Mechanics	Dr Manish V Shah	“Model Study on Single Pile Subjected to Axial and Inclined Embedded in Contaminated Soil”, Springer Book Series- Lecture Notes in Civil Engineering, Nov, 2022	DOI: 10.1007/978-981-19-6359-9_10, Page: 93-106, Print ISBN: 978-981-19-6358-2, Online ISBN 978-981-19-6359-9.

13	Applied Mechanics	Dr Manish V Shah	Effect of interface connection on performance of narrow shored reinforced earth wall, Springer Book Series- Lecture Notes in Civil Engineering, March, 2022	doi:10.1007/978-981-16-6456-4, ISSN: 2366-2557, ISBN: 978-981-16-6455-7
14	Sciences and Humanities	Vaishali Adhwaryu	Effect of Lithium Iodide on transport phenomenon in Lithium Borophosphate glass Electrolyte, Journal of Non-Crystalline Solids 583, 121474, 44562, 2022	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=KF_NuqEAAAJ&amp;citation_for_view=KF_NuqEAAAJ:9yKSN-GCB0IC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=KF_NuqEAAAJ&amp;citation_for_view=KF_NuqEAAAJ:9yKSN-GCB0IC</a>
15	Sciences and Humanities	S K Patel	On prime labeling of union of tadpole graphs, Comm. Math. Univ. Carolinae, 44743, 2022	<a href="https://dml.cz/handle/10338.dmlcz/150426">https://dml.cz/handle/10338.dmlcz/150426</a>
16	Sciences and Humanities	P L Thakkar	Effect of hydromagnetic squeeze film between non-porous rough triangular plates, Songklanakarin Journal of Science and Technology, October, 2022	
17	Sciences and Humanities	Brijesh Kumar Tripathi	Finslerian hypersurfaces of a Finsler space with special (alpha,beta) -metric, Italian Journal of Pure and Applied Mathematics, 44621, 2022	<a href="https://iipam.uniud.it/journal/onl_2022-47.htm">https://iipam.uniud.it/journal/onl_2022-47.htm</a>
18	Sciences and Humanities	Brijesh Kumar Tripathi	DEFORMED INFINITE SERIES METRIC IN CARTAN SPACES, Palestine Journal of Mathematics, September, 2022	<a href="https://pjm.ppu.edu/paper/1126-deformed-infinite-series-metric-cartan-spaces">https://pjm.ppu.edu/paper/1126-deformed-infinite-series-metric-cartan-spaces</a>
19	Sciences and Humanities	Dr. Sunil Chandak	COMPOSITION FORMULA FOR SAIGOFRACTIONAL INTEGRAL OPERATOR ASSOCIATED WITH V-FUNCTION, JOURNAL OF MATHEMATICS, April, 2022	<a href="https://doi.org/10.1155/2022/2174708">https://doi.org/10.1155/2022/2174708</a>
20	Sciences and Humanities	Dr. Sunil Chandak	ESTIMATES OF CLASSES OF GENERALIZED SPECIAL FUNCTIONS AND THEIR APPLICATION IN THE FRACTIONAL (K, S)-CALCULUS THEORY, JOURNAL OF FUNCTION SPACES, October, 2021	<a href="https://doi.org/10.1155/2021/9582879">https://doi.org/10.1155/2021/9582879</a>

21	Sciences and Humanities	Dr. Jignesh Hirpara	Electrochemical corrosion characteristics of hierarchical O-TiN coating on 304L steel substrate, Surface and Coatings Technology, January, 2022	<a href="https://doi.org/10.1016/j.surfcoat.2021.128079">10.1016/j.surfcoat.2021.128079</a>
22	Sciences and Humanities	Dr. Jignesh Hirpara	Optical properties investigation of reactively sputtered tantalum oxynitride films, Material Today, March , 2022	<a href="https://doi.org/10.1016/j.matpr.2022.02.352">10.1016/j.matpr.2022.02.352</a>
23	Automobile	Prof. Mazar A. Shaikh	Experimental studies on ethanol solubility and nanoparticle (NP) stability in diesel fuel, Chemical Engineering Research and Design, September, 2022	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0263876222005299">https://www.sciencedirect.com/science/article/abs/pii/S0263876222005299</a>
24	Automobile	Prof. Vimal R. Patel	Experimental studies on ethanol solubility and nanoparticle (NP) stability in diesel fuel, Chemical Engineering Research and Design, September, 2022	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0263876222005299">https://www.sciencedirect.com/science/article/abs/pii/S0263876222005299</a>
25	Automobile	Prof. Vimal R. Patel	Kinetic Study of Indian Lignite by Model-Free Methods, Journal of The Institution of Engineers (India): Series C, June, 2022	<a href="https://link.springer.com/article/10.1007/s40032-022-00859-z#citeas">https://link.springer.com/article/10.1007/s40032-022-00859-z#citeas</a>
26	Biomedical Engineering	Prof. Yogita M.Parikh	A Systematic Analysis of CMR Segmentation Using Deep Learning, INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING, October, 2022	<a href="https://doi.org/10.47164/ijngc.v13i3.825">https://doi.org/10.47164/ijngc.v13i3.825</a>
27	Biomedical Engineering	Prof. Yogita M.Parikh	Left Ventricle Segmentation using Bidirectional Convolution Dense Unet, Journal of Integrated Science and Technology, October, 2022	<a href="https://pubs.thesciencein.org/journal/index.php/ijst/article/view/417">https://pubs.thesciencein.org/journal/index.php/ijst/article/view/417</a>
28	Biomedical Engineering	Utkarsh V Pancholi	Review of computational approaches to model transcranial direct current stimulations tDCS and its effectiveness, Journal of Integrated SCIENCE & TECHNOLOGY, February, 2022	<a href="http://pubs.iscience.in/journal/index.php/ijst/article/view/1388">http://pubs.iscience.in/journal/index.php/ijst/article/view/1388</a>

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30	Biomedical Engineering	Utkarsh V Pancholi	Quantification of electric field strength of tDCS in Alzheimer's and mild cognitive impairment patients, International Journal of Advanced Technology and Engineering Exploration, September, 2021	<a href="http://dx.doi.org/10.19101/IJATEE.2021.874444">http://dx.doi.org/10.19101/IJATEE.2021.874444</a>
31	Chemical	T. S. Rajaraman	Aluminium foil-assisted NaBH <sub>4</sub> reduced TiO <sub>2</sub> with surface defects for photocatalytic degradation of toxic fuchsin basic dye  , Applied Nanoscience, Springer, September, 2022	<a href="https://doi.org/10.1007/s13204-022-02628-x">https://doi.org/10.1007/s13204-022-02628-x</a>
32	Chemical	Dr. Paresh H Rana	Performance evaluation of hybrid upflow anaerobic sludge blanket reactors with different inert media for sewage treatment, Bioresource Technology Report, June, 2022	<a href="https://doi.org/10.1016/j.biteb.2022.101075">https://doi.org/10.1016/j.biteb.2022.101075</a>
33	Chemical	Dr. Paresh H Rana	Epoxidation of soybean oil by insitu formation of peracid in the presence of zeolites, Indian Journal of Chemical Technology, September, 2022	DOI: 10.56042/ijct.v29i5.59449
34	Chemical	Dr. Supritam M. Dutta	Choline chloride-Glycerol (1:2 mol) as draw solution in forward osmosis for dewatering purpose, Membrane and Water Treatment, March, 2022	<a href="https://doi.org/10.12989/mwt.2022.13.2.063">https://doi.org/10.12989/mwt.2022.13.2.063</a>

35	Chemical	H. N. Pandya	Pongamia Pinnata Biodiesel Production Using Cobalt Doped ZnO Nanoparticles – An Analytical Study, Environmental Progress and Sustainable Energy, 44593, 2022	<a href="https://doi.org/10.1002/ep.13814">https://doi.org/10.1002/ep.13814</a>
36	Chemical	S.H.Bhatt	Solar Light Induced Photo Catalytic Properties of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> Nanoparticles for Degradation of Methylene Blue Dye, Natural Science Publication , 44682, 2022	<a href="http://dx.doi.org/10.18576/ijtfst/110209">http://dx.doi.org/10.18576/ijtfst/110209</a>
37	Chemical	Dr. Supritam M. Dutta	Fundamentals of membranes for wastewater treatment: Challenges and opportunities for resource recovery, Novel Approaches Towards Wastewater Treatment Resource Recovery Technologies, August, 2022	<a href="https://doi.org/10.1016/B978-0-323-90627-2.00011-3">doi.org/10.1016/B978-0-323-90627-2.00011-3</a>
38	Civil Engineering	Dr. M. M. Shaikh	Climatic projections of Western India using global and regional climate models, Water practice and Technology, , 2022	<a href="https://doi.org/10.2166/wpt.2022.090">https://doi.org/10.2166/wpt.2022.090</a>
39	Civil Engineering	Dr. M. M. Shaikh	A Framework for Climate Change Impact Assessment and Mitigation of Hydrological Parameters of the Watershed through Trend Analysis and Hydrological Modeling, Handbook of Uncertainty in Eurasian Forecasting (HEF) Nova publishers, , 2022	<a href="https://doi.org/10.52305/JUPR9099">https://doi.org/10.52305/JUPR9099</a>
40	Civil Engineering	Dr. M. S. Gadhavi	Mechanism of boulder transport during extreme wave events along the eastern flank of the Arabian sea, ASEAN Engineering Journal, AUGUST, 2022	<a href="https://doi.org/10.11113/aej.v12.16850">https://doi.org/10.11113/aej.v12.16850</a>

41	Civil Engineering	Dr. M. S. Gadhavi	Geological evidence of paleo-earthquakes on transverse right-lateral strike-slip fault along the NW Himalayan front: Implications towards Fault Segmentation and Strain Partitioning, Journal of Asian Earth Sciences, Journal of Asian Earth Sciences, December, 2022	<a href="https://doi.org/10.1016/j.jseaes.2022.105518">https://doi.org/10.1016/j.jseaes.2022.105518</a>
42	Civil Engineering	S. S. Dixit	Hydrodynamic Modelling for identifying flood vulnerability zones in Mahi lower sub basin, Advances in construction materials and sustainable environment, Springer, , 2022	<a href="https://doi.org/10.1007/978-981-16-6557-8">https://doi.org/10.1007/978-981-16-6557-8</a>
43	Civil Engineering	Rena N. Shukla	GIS-Based Model for Optimum Location of Electric Vehicle Charging Stations, Recent Advances in Transportation Systems Engineering and Management-CTSEM-2021-conference Proceedings, NOVEMBER, 2022	<a href="https://link.springer.com/chapter/10.1007/978-981-19-2273-2_8">https://link.springer.com/chapter/10.1007/978-981-19-2273-2_8</a>
44	Civil Engineering	Rena N. Shukla	IMPACT ANALYSIS OF URBAN FREIGHT TRIPS GENERATED FROM WHOLESALE MARKET, AHMEDABAD , Acta I Acta logistica ogistica ogistica---International Scientific Journal about Logistics (Volume: 9 2022 Issue: 3 Pages: 325-336 ISSN 1339-5629 ), AUGUST, 2022	doi:10.22306/al.v9i3.316
45	Civil Engineering	Rena N. Shukla	Design & Optimization of Highway Alignment using BIM & GIS, DICKENSIAN JOURNAL ((ISSN NO : 0012-2440)VOLUME 22, ISSUE 5, 2022 page no.-1225-1234), MAY, 2022	<a href="http://dickensian.org/Volume-22-Issue-5-2022/">http://dickensian.org/Volume-22-Issue-5-2022/</a>

46	Civil Engineering	Rena N. Shukla	Calibrating and Validation of Microsimulation Model for Indian Heterogeneous Traffic Flow - A Case Study, Springer, DECEMBER-January, 2022	<a href="https://doi.org/10.1007/978-981-16-6936-1">https://doi.org/10.1007/978-981-16-6936-1</a>
47	Civil Engineering	Rena N. Shukla	Set cover model-based optimum location of electric vehicle charging stations, CURRENT SCIENCE, VOL. 123, NO. 12, DEC, 2022	DOI: 10.18520/cs/v123/i12/1448-1454
48	Computer Engineering	Maitrik Shah	Deep learning perspective to atmospheric correction of satellite images, IEEE international conference of Geoscience and remote sensing symposium , 44805, 2022	<a href="https://ieeexplore.ieee.org/document/9884900">https://ieeexplore.ieee.org/document/9884900</a>
49	Computer Engineering	Hetal A. Joshiara, Dr.C.S.Thaker,Dr.S.M. Shah,Dr.D.B. Choksi	Detection of stragglers and optimal rescheduling of slow running tasks in big data environment using LFCSO-LVQ classifier and enhanced PSO algorithm, International Journal of Data Analysis Techniques and Strategies, March, 2022	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJDATS.2022.121505">https://www.inderscienceonline.com/doi/abs/10.1504/IJDATS.2022.121505</a>
50	Computer Engineering	Dr.Dhara Buch	Trilochan: a solution to detect cross-VM direct timing attack, Journal of Ambient Intelligence and Humanized Computing, January, 2022	<a href="https://link.springer.com/article/10.1007/s12652-021-03628-5">https://link.springer.com/article/10.1007/s12652-021-03628-5</a>
51	Computer Engineering	Rajyalakshmi Jaiswal	Intensify Assured PHR Sharing In Cloud Using Entropy Based Signature Cryptosystem, Electrochemical Society (ECS) Transactions , March, 2022	<a href="https://iopscience.iop.org/article/10.1149/10701.2593ecst/meta">https://iopscience.iop.org/article/10.1149/10701.2593ecst/meta</a>
52	Computer Engineering	Rajyalakshmi Jaiswal	Cloud deployed ABE scheme, Electrochemical Society (ECS) Transactions , March, 2022	<a href="https://iopscience.iop.org/article/10.1149/10701.4905ecst/meta">https://iopscience.iop.org/article/10.1149/10701.4905ecst/meta</a>
53	EC	Dr. Sanjay Prajapati	Differential spin Hall MRAM based low power logic circuits and multipliers, Semiconductor Science and Technology, May, 2022	<a href="https://iopscience.iop.org/article/10.1088/1361-6641/ac6d70/meta">https://iopscience.iop.org/article/10.1088/1361-6641/ac6d70/meta</a>



54	EC	Kirit V. Patel, Pankaj P. Prajapati, Anil J. Kshatriya	Design and Implementation of Effective Elliptic Curve Cryptography Accelerator using Hardware/Software Co-Design on Zynq Board, International Journal of Engineering Trends and Technology, August, 2022	<a href="https://ijettjournal.org/archive/ijett-v70i8p234">https://ijettjournal.org/archive/ijett-v70i8p234</a>
55	EC	Dr. C.H. Vithalani	Classification of lower limb rehabilitation exercises with multiple and individual inertial measurement units, Indonesian Journal of Electrical Engineering and Computer Science, November, 2022	<a href="https://ijeecs.iaescore.com/index.php/IJEECS/article/view/29117">https://ijeecs.iaescore.com/index.php/IJEECS/article/view/29117</a>
56	EC	Dr. C.H. Vithalani	A Novel Morphological Feature Extraction Approach for ECG Signal Analysis Based on Generalized Synchro squeezing Transform Correntropy function and adaptive Heuristic Framework in FPGA, Journal of Circuits, Systems and Computers, Vol 31, No. 18(2022), 2250312 (29 pages), World Scientific Publishing Company ISSN:0218-1266 DOI 10.1142/S0218126622503121, July, 2022	<a href="https://www.worldscientific.com/doi/10.1142/S0218126622503121">https://www.worldscientific.com/doi/10.1142/S0218126622503121</a>
57	EC	Dr. Nirali kotak	Designing of Solid State SIW Antenna for 5G Application, ECS Transactions, April, 2022	<a href="https://iopscience.iop.org/article/10.1149/10701.2749ecst">https://iopscience.iop.org/article/10.1149/10701.2749ecst</a>
58	EC	Dr. Nirali kotak	Performance Analysis of Various 5G Mobile Architectures, International Journal of Interactive Mobile Technologies, April, 2022	<a href="https://online-journals.org/index.php/ijim/issue/view/831">https://online-journals.org/index.php/ijim/issue/view/831</a>
59	EC	Dr. Nirali kotak	Analysis of Various Issues for 5G Infrastructures, SAMRIDDHI-A Journal of Physical Sciences-Engineering and Technology, June, 2022	10.18090/ samriddhi.v14i02.20
60	EC	Dr. Nirali kotak	Microstrip-Fed 3.04 -10.77 GHz UWB Patch Antenna Design Using CMA and Parametric Study, International Journal of Engineering Trends and Technology, July, 2022	<a href="https://doi.org/10.14445/22315381/IJETT-V70I7P225">https://doi.org/10.14445/22315381/IJETT-V70I7P225</a>

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62	Electrical Engineering	Dr. J. K. Chavda	Hybrid Energy Management System Consisting of Battery and Supercapacitor for Electric Vehicle, International Journal Of Integrated Engineering, Vol. 14 No. 7 (2022) 94-107, ISSN : 2229-838X e-ISSN : 2600-7916, Dec, 2022	<a href="http://penerbit.uthm.edu.my/ojs/index.php/ijie">http://penerbit.uthm.edu.my/ojs/index.php/ijie</a>
63	Environmental Engineering	Prof. G. H. Ban	Studies on an estimation of PM2.5 and PM10 removal efficiencies of air pollution control equipment (APCE) employing online laser scattering method (OLSM), Research Journal of Chemistry and Environment, February, 2022	<a href="https://doi.org/10.25303/2603rice3744">https://doi.org/10.25303/2603rice3744</a>
64	Environmental Engineering	Bina Birenkumar Patel	Performance evaluation of hybrid upflow anaerobic sludge blanket reactors with different inert media for sewage treatment, Bioresource Technology Reports, June, 2022	<a href="https://doi.org/10.1016/j.biteb.2022.101075">https://doi.org/10.1016/j.biteb.2022.101075</a>
65	IC Engineering	Dr. Ankit K. Shah	Design bounded robust controller using HJB solution for the Nonlinear Hybrid Dynamical Systems, European Journal of Control 60(4), May, 2021	DOI: 10.1016/j.ejcon.2021.04.001

66	IC Engineering	D. V. Raninga	Explicit nonlinear predictive control algorithms for Laguerre filter and sparse least square support vector machine-based Wiener model, Transactions of the institute of measurement and control, vol. 43, issue 4, 2021, February, 2021	<a href="https://journals.sagepub.com/toc/tima/43/4">https://journals.sagepub.com/toc/tima/43/4</a>
67	IC Engineering	Dr. Ankit K. Shah	Digital multiband filter design with power spectrum analysis for Electrocardiogram signals, International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT, August, 2021	<a href="https://doi.org/10.1109/RTEICT52294.2021.9573714">DOI:10.1109/RTEICT52294.2021.9573714</a>
68	IC Engineering	Dr. Ankit K. Shah	Breast Mass Classification with Deep Transfer Feature Extractor Model and Random Forest Classifier, International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT, August, 2021	<a href="https://doi.org/10.1109/RTEICT52294.2021.9573909">DOI:10.1109/RTEICT52294.2021.9573909</a>
69	IC Engineering	Vandana Patel	Digital multiband filter design with power spectrum analysis for Electrocardiogram signals, International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT, August, 2021	<a href="https://doi.org/10.1109/RTEICT52294.2021.9573714">DOI:10.1109/RTEICT52294.2021.9573714</a>
70	IC Engineering	Dr.Manish Thakker	"A Decoupler Assisted Optimized Controller Design for Greenhouse System"., International Journal of Automation and Control,, , 2021	<a href="http://dx.doi.org/10.1504/ijaac.2022.10041889">http://dx.doi.org/10.1504/ijaac.2022.10041889</a>
71	Information Technology	Prof. A C. Patel	A Novel Multimodal Fusion Technique For TextBased Hate Speech Classification, 6th International Conference on Advances in Computing and Data Sciences (ICACDS 2022), 44764, 2022	<a href="https://link.springer.com/chapter/10.1007/978-3-031-12641-3_29">https://link.springer.com/chapter/10.1007/978-3-031-12641-3_29</a>

72	Information Technology	PROF. H.M.Diwanji	EFFECT OF PREPROCESSING IN HUMAN EMOTION ANALYSIS USING SOCIAL MEDIA STATUS DATASET, Reliability: Theory & Applications (ISSN 1932-2321), 44642, 2022	<a href="https://cyberleninka.ru/article/n/effect-of-preprocessing-in-human-emotion-analysis-using-social-media-status-dataset">https://cyberleninka.ru/article/n/effect-of-preprocessing-in-human-emotion-analysis-using-social-media-status-dataset</a>
73	Information Technology	Prof J T PATEL	Algorithm to Estimate Scaloping & Banding in Scansar Images and Deep Learning Based Descaloping Technique, IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium, 45191, 2022	<a href="https://ieeexplore.ieee.org/document/9883518">https://ieeexplore.ieee.org/document/9883518</a>
74	Mechanical	D. U. Panchal, Dr. B. K. Patel	Development of Test Cycle for Centrifugal Clutch of CVT Driven Scooters Intended for Urban Traffic Conditions, Automotive Experiences, April, 2022	<a href="https://doi.org/10.31603/ae.6604">https://doi.org/10.31603/ae.6604</a>
75	Mechanical	Dr. Ragesh G Kapadia	Effect of foldability on the start-up behavior and thermal performance of flexible pulsating heat pipe, Heat and Mass Transfer, August, 2022	<a href="http://dx.doi.org/10.1007/s00231-022-03273-4">http://dx.doi.org/10.1007/s00231-022-03273-4</a>
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