



A.R.ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

AUTHENTICATION CERTIFICATE

3.3.1.1: Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Details	Academic Year				
	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number of Papers published	26	70	49	63	35
Total no of Papers Published	243				




Dr. R. PANNEERDHASS, M.E., Ph.D.,
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Academic Year 2022 -2023

S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
1.	LIFE PREDICTION AND STATISTICAL ANALYSIS OF E-GLASS FABER WITH ALOEVERA IN COMPOSITE SPECIMEN	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper2.pdf	http://ijrmmae.in/Volume7Issue4/paper2.pdf	UGC
2.	SMART DRAINAGE MANAGEMENT TO MITIGATE SUMMER DROUGHT DAMAGE IN NORDIC AGRICULTURE WITHIN THE CIRCULAR ECONOMY FRAMEWORK	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume9Issue1/paper3.pdf	http://ijrmmae.in/Volume9Issue1/paper3.pdf	UGC
3.	CONNECTIVITY IN A FUZZY GRAPH	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper3.pdf	http://ijrmmae.in/Volume7Issue4/paper3.pdf	UGC
4.	LIFE PREDICTION AND STATISTICAL ANALYSIS OF E-GLASS FABER WITH ALOEVERA IN COMPOSITE SPECIMEN	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper2.pdf	http://ijrmmae.in/Volume7Issue4/paper2.pdf	UGC
5.	SOME ALGEBRAIC STRUCTURES OF NEUTROSOPHIC FUZZY SETS	International Journal of Neutrosophic Science	https://americaspg.com/journals/show/21	https://americaspg.com/journals/show/21	UGC
6.	COVID-19: INVASION, PATHOGENESIS AND POSSIBLE CURE-A REVIEW	Journal of Virol Methods	https://pubmed.ncbi.nlm.nih.gov/34919978/	https://pubmed.ncbi.nlm.nih.gov/34919978/	Scopus / WoS




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
7.	DESIGN OF DOUBLE INSPECTION QUICK SWITCHING SYSTEM [DIQSS (0,1)]	International Journal of Mechanical Engineering	https://ir.psgcas.ac.in/id/eprint/1579/1/12.pdf	https://ir.psgcas.ac.in/id/eprint/1579/1/12.pdf	UGC
8.	CONSTRUCTION AND SELECTION OF DOUBLE INSPECTION SINGLE SAMPLING PLAN FOR AN INDEPENDENT PROCESS USING BIVARIATE POISSON DISTRIBUTION	Journal of Applied Statistics	https://www.tandfonline.com/doi/abs/10.1080/02664760802695777	https://www.tandfonline.com/doi/abs/10.1080/02664760802695777	Scopus / WoS
9.	MECHANICAL AND WATER ABSORPTION CHARACTERIZATION OF MANGO SEED SHELL/EPOXY COMPOSITE FOR LOW LOAD CARRYING STRUCTURES	International Journal of Polymer Science	https://onlinelibrary.wiley.com/doi/10.1155/2023/9976409	https://onlinelibrary.wiley.com/doi/10.1155/2023/9976409	Scopus / WoS
10.	STRUCTURAL CHARACTERIZATION, SPECTRAL INVESTIGATION AND ANTIMICROBIAL STUDIES OF ZNWO ₄ AND ZN _{0.9} CU _{0.1} WO ₄ NANOPARTICLES SYNTHESIZED BY MICROWAVE AND SUCROSE MEDIATED	Journal of Molecular Structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286021021876	https://www.sciencedirect.com/science/article/abs/pii/S0022286021021876	Scopus / WoS




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
	SOLGEL METHOD				
11.	SYNTHESIS AND CHARACTERIZATION OF (CO ₁ -X NIX) 3 (BTC) 2.12 H ₂ O (0 ≤ X ≤ 0.5) MOF BASED JANUS CHEMICAL MICROMOTORS	Journal of Molecular Structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286023007421	https://www.sciencedirect.com/science/article/abs/pii/S0022286023007421	Scopus / WoS
12.	IONIC LIQUID SUPPORTED ON MESOPOROUS PD/SBA-15 DURING THE MANUFACTURE OF 1, 3-BUTADIENE USING ETHANOL AT LOWER TEMPERATURE REACTION	Fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236123008487	https://www.sciencedirect.com/science/article/abs/pii/S0016236123008487	Scopus / WoS
13.	SMART DRAINAGE MANAGEMENT TO MITIGATE SUMMER DROUGHT DAMAGE IN NORDIC AGRICULTURE WITHIN THE CIRCULAR ECONOMY FRAMEWORK	Hydrological Processes	https://research.wur.nl/en/publications/smart-drainage-management-to-limit-summer-drought-damage-in-nordi	https://research.wur.nl/en/publications/smart-drainage-management-to-limit-summer-drought-damage-in-nordi	Scopus
14.	Evaluation of mechanical properties of e-glass and aloe vera fiber reinforced with polyester and epoxy resin matrices	Pigment and Resin Technology	https://www.researchgate.net/publication/332911149_Evaluation_of_mechanical_properties_of_e-glass_and_aloe_vera_f	https://www.researchgate.net/publication/332911149_Evaluation_of_mechanical_properties_of_e-glass_and_aloe_vera_f	Scopus




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
			iber reinforced with polyester and epoxy resin matrices	iber reinforced with polyester and epoxy resin matrices	
15.	CONNECTIVITY IN A FUZZY GRAPH	International Journal of Engineering, Science and Mathematics	https://www.ijmra.us/project%20doc/2017/IJESM_JUNE2017/IJMRA-11528.pdf	https://www.ijmra.us/project%20doc/2017/IJESM_JUNE2017/IJMRA-11528.pdf	UGC
16.	INTELLIGENT DROWSINESS AND ILLNESS DETECTION ASSIST SYSTEM FOR DRIVERS.	IEEE	https://ieeexplore.ieee.org/document/9743075	https://ieeexplore.ieee.org/document/9743075	UGC
17.	SECURE GEDARROUTING PROTOCOL FOR UNDERWATER DATA COLLECTION USING WSN.	International Journal for Modern Trends in Science and Technology	https://www.researchgate.net/publication/367156989_Secure_Transmission_of_Data_Under_Water_Wireless_Sensor_Network_with_Improved_Performance	https://www.researchgate.net/publication/367156989_Secure_Transmission_of_Data_Under_Water_Wireless_Sensor_Network_with_Improved_Performance	UGC
18.	INTRUSION DETECTION SYSTEMS TO SECURE IOT NETWORKS	Journal of Cloud Computing	https://journalofcloudcomputing.springeropen.com/articles/10.1186/s13677-018-0123-6	https://journalofcloudcomputing.springeropen.com/articles/10.1186/s13677-018-0123-6	Scopus / WoS
19.	INTRUSION DETECTION SYSTEMS TO SECURE IOT NETWORKS	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/4.pdf	http://ijice.in/2022/2/4.pdf	UGC
20.	CONNECTIVITY IN A FUZZY GRAPH	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper3.pdf	http://ijrmmae.in/Volume7Issue4/paper3.pdf	UGC




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
21.	LIFE PREDICTION AND STATISTICAL ANALYSIS OF E-GLASS FABER WITH ALOEVERA IN COMPOSITE SPECIMEN	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper2.pdf	http://ijrmmae.in/Volume7Issue4/paper2.pdf	UGC
22.	SMART DRAINAGE MANAGEMENT TO MITIGATE SUMMER DROUGHT DAMAGE IN NORDIC AGRICULTURE WITHIN THE CIRCULAR ECONOMY FRAMEWORK	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume9Issue1/paper3.pdf	http://ijrmmae.in/Volume9Issue1/paper3.pdf	UGC
23.	INTRUSION DETECTION SYSTEMS TO SECURE IOT NETWORKS	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/4.pdf	http://ijice.in/2022/2/4.pdf	UGC
24.	INTRUSION DETECTION SYSTEMS TO SECURE IOT NETWORKS	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/4.pdf	http://ijice.in/2022/2/4.pdf	UGC
25.	CONNECTIVITY IN A FUZZY GRAPH	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper3.pdf	http://ijrmmae.in/Volume7Issue4/paper3.pdf	UGC
26.	SMART DRAINAGE MANAGEMENT TO MITIGATE SUMMER DROUGHT DAMAGE IN NORDIC AGRICULTURE WITHIN THE CIRCULAR ECONOMY FRAMEWORK	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume9Issue1/paper3.pdf	http://ijrmmae.in/Volume9Issue1/paper3.pdf	UGC




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Academic Year 2021 – 2022

S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
1.	REDUCTION OF VOLTAGE STRESS IN A MEDIUM FREQUENCY TRANSFORMER USING IGBT DC/DC CONVERTER FOR PMSG BASED WIND TURBINE	International Journal of Electrical and Computer Engineering	http://ijice.in/2021/4/3.pdf	http://ijice.in/2021/4/3.pdf	UGC
2.	KINETIC STUDY ON THE EFFECT OF WATER HYACINTHS IN FOODWASTE BIOGAS PRODUCTION	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue3/paper7.pdf	http://ijrmmae.in/Volume7Issue3/paper7.pdf	UGC
3.	EFFECT OF MECHANICAL, THERMAL PROPERTIES AND DRILLING PARAMETERS ON GROUNDNUT SHELL-BROOM FIBRE-REINFORCED EPOXY COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2022/November/paper4.pdf	http://jrrset.com/2022/November/paper4.pdf	UGC
4.	INVESTIGATION OF PROPERTIES AND DYNAMICS MECHANICAL ANALYSIS OF GLASS FIBER / HUMAN HAIR / COIR FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://www.ijrmmae.in/Volume7Issue2/paper3.pdf	http://www.ijrmmae.in/Volume7Issue2/paper3.pdf	UGC
5.	FABRICATION OF MEMS PRESSURE SENSOR ON THIN FILM MEMBRANE	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2021/Oct/paper2.pdf	http://jrrset.com/2021/Oct/paper2.pdf	UGC




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6.	PREPARATION, PROPERTIES AND MACHINABILITY STUDY OF LUFFA FIBER - GROUNDNUT SHELL REINFORCED EPOXY COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2022/September/paper5.pdf	http://jrrset.com/2022/September/paper5.pdf	UGC
7.	HYBRID COMPOSITE MATERIALS: MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER	International Journal of Rock Mechanics and Mining Sciences	http://www.ijrmmae.in/Volume7Issue1/paper4.pdf	http://www.ijrmmae.in/Volume7Issue1/paper4.pdf	UGC
8.	ERROR CONTROL SYSTEM IN CELLULAR NETWORK	International Journal of Electrical and Computer Engineering	http://irjges.com/Volume6Issue2/paper7.pdf	http://irjges.com/Volume6Issue2/paper7.pdf	UGC
9.	POWER FLOW OF MTDC USING DROOP CONTROL & IMPACT OF DC VOLTAGE DROPS	International Journal of Electrical and Computer Engineering	http://irjges.com/Volume7Issue2/paper1.pdf	http://irjges.com/Volume7Issue2/paper1.pdf	UGC
10.	SBFET -BASED FULL ADDER WITH ULTRA-LOW LEAKAGE AND HIGH SPEED	International Journal of Electrical and Computer Engineering	http://njice.in/2021/1/3.pdf	http://njice.in/2021/1/3.pdf	UGC
11.	ASSESSMENT OF OPEN CENTRAL HOLE ON THE STRESS CONCENTRATION FACTOR OF GLASS FIBRE-COCONUT COIR-HUMAN HAIR HYBRID COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2021/Nov/paper2.pdf	http://jrrset.com/2021/Nov/paper2.pdf	UGC




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
12.	NEW OPERATIONS DEFINED OVER THE Q-RUNG ORTHOPAIR FUZZY SETS	BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE	http://www.imvibl.org/journal/10_20_2/journal_imvi_10_2020_2_341_359.pdf	http://www.imvibl.org/journal/10_20_2/journal_imvi_10_2020_2_341_359.pdf	Scopus
13.	SOME NEW OPERATIONS AND THEIR PROPERTIES ON Q-RUNG ORTHOPAIR FUZZY MATRICES	Asia Mathematika	https://zenodo.org/records/4729647	https://zenodo.org/records/4729647	Scopus
14.	GENERALIZED ORTHOPAIR FUZZY MATRICES	Open Journal of Mathematical Science	https://pisrt.org/psrpress/j/oms/2021/1/generalized-orthopair-fuzzy-matrices.pdf	https://pisrt.org/psrpress/j/oms/2021/1/generalized-orthopair-fuzzy-matrices.pdf	UGC
15.	GENERALIZED ORTHOPAIR FUZZY SETS BASED ON HAMACHER T-NORM AND T-CONORM	Open Journal of Mathematical Science	https://pisrt.org/psrpress/j/oms/2021/1/generalized-orthopair-fuzzy-matrices.pdf	https://pisrt.org/psrpress/j/oms/2021/1/generalized-orthopair-fuzzy-matrices.pdf	No
16.	SOME ALGEBRAIC PROPERTIES OF PICTURE FUZZY SETS	BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE	http://www.imvibl.org/buletin/bulletin_imvi_11_3_2021/bulletin_imvi_11_3_2021_429_442.pdf	http://www.imvibl.org/buletin/bulletin_imvi_11_3_2021/bulletin_imvi_11_3_2021_429_442.pdf	Scopus
17.	FERMATEAN FUZZY SUBGROUPS	JOURNAL OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE	http://www.imvibl.org/journal/11_21_1/journal_imvi_11_2021_1_1_16.pdf	http://www.imvibl.org/journal/11_21_1/journal_imvi_11_2021_1_1_16.pdf	Scopus




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18.	SOME OPERATIONS OVER INTUITIONISTIC FUZZY MATRICES BASED ON HAMACHER T-NORM AND T-CONORM	TWMS Journal of Applied and Engineering Mathematics	https://belgelik.isikun.edu.tr/xmlui/handle/iubelgelik/3130	https://belgelik.isikun.edu.tr/xmlui/handle/iubelgelik/3130	Scopus
19.	FT-IR, FT-RAMAN, UV-VISIBLE, NMR, DFT AND MOLECULAR DOCKING INVESTIGATION OF 1-(PHENYL (PIPERIDIN-1-YL) METHYL) NAPHTHALENE-2-OL	Results in Chemistry	https://www.sciencedirect.com/science/article/pii/S2211715621000011	https://www.sciencedirect.com/science/article/pii/S2211715621000011	Scopus/ WoS
20.	HIGHLY CRYSTALLINE V2O5 AND V6O13 THIN FILMS BY PLD AND A STUDY ON MORPHOLOGY TRANSITION OF V2O5 BY POST ANNEALING	Vaccum	https://www.sciencedirect.com/science/article/pii/S0042207X21000531	https://www.sciencedirect.com/science/article/pii/S0042207X21000531	Scopus/ WoS
21.	VISIBLE LIGHT SENSITIVE HEXAGONAL BORON NITRIDE (HBN) DECORATED FE2O3 PHOTOCATALYST FOR THE DEGRADATION OF METHYLENE BLUE	Journal of Materials Science: Materials in Electronics	https://link.springer.com/article/10.1007/s10854-020-05215-4	https://link.springer.com/article/10.1007/s10854-020-05215-4	Scopus/ WoS
22.	REPETITIVE DEFERRED VARIABLE SAMPLING PLAN INVOLVING MINIMUM SUM OF RISKS	International Journal of Electrical and Computer Engineering	https://scholar.google.co.in/citations?user=f1e5UzIAAAAJ&hl=en	https://scholar.google.co.in/citations?user=f1e5UzIAAAAJ&hl=en	No




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23.	SELECTION AND DEVELOPMENT OF DOUBLE INSPECTION SINGLE SAMPLING PLAN	Bulletin Monumental	https://scholar.google.co.in/citations?user=f1e5UzIAAAAJ&hl=en	https://scholar.google.co.in/citations?user=f1e5UzIAAAAJ&hl=en	UGC
24.	ASSESSMENT OF OPEN CENTRAL HOLE ON THE STRESS CONCENTRATION FACTOR OF GLASS FIBRE-COCONUT COIR-HUMAN HAIR HYBRID COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	https://www.researchgate.net/publication/274639850_Effect_of_Open_Central_Hole_Stress_Concentration_on_Mechanical_Properties_of_Luffa_fiber_Reinforced_Epoxy_Composite	https://www.researchgate.net/publication/274639850_Effect_of_Open_Central_Hole_Stress_Concentration_on_Mechanical_Properties_of_Luffa_fiber_Reinforced_Epoxy_Composite	UGC
25.	INTERACTION OF ACRIDINEDIONE DYE WITH A GLOBULAR PROTEIN IN THE PRESENCE OF SITE SELECTIVE AND SITE SPECIFIC BINDING DRUGS: PHOTOPHYSICAL TECHNIQUES ASSISTED BY MOLECULAR	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	https://www.sciencedirect.com/science/article/abs/pii/S1386142521003905	https://www.sciencedirect.com/science/article/abs/pii/S1386142521003905	Scopus/ WoS
26.	POWER FLOW OF MTDC USING DROOP CONTROL & IMPACT OF DC VOLTAGE DROPS	iEEE Xplorer	https://ieeexplore.ieee.org/iel5/59/4374138/06169971.pdf	https://ieeexplore.ieee.org/iel5/59/4374138/06169971.pdf	Scopus




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
27.	ERROR CONTROL SYSTEM IN CELLULAR NETWORK	Mobile Networks and Applications	https://dl.acm.org/doi/pdf/10.1023/A%3A1013676531988#:~:text=ARQ%20is%20an%20error%20control,parity%20bits%20have%20been%20added.	https://dl.acm.org/doi/pdf/10.1023/A%3A1013676531988#:~:text=ARQ%20is%20an%20error%20control,parity%20bits%20have%20been%20added.	UGC
28.	KINETIC STUDY ON THE EFFECT OF WATER HYACINTHS IN FOODWASTE BIOGAS PRODUCTION	International Journal of Research in Science and Technology	https://ijrst.com/admin/upload/1501741586_K_K_Dinesh_Kumar_C5_14.pdf	https://ijrst.com/admin/upload/1501741586_K_K_Dinesh_Kumar_C5_14.pdf	UGC
29.	KINETIC STUDY ON THE EFFECT OF WATER HYACINTHS IN FOODWASTE BIOGAS PRODUCTION	International Journal of Research in Science and Technology	https://ijrst.com/admin/upload/1501741586_K_K_Dinesh_Kumar_C5_14.pdf	https://ijrst.com/admin/upload/1501741586_K_K_Dinesh_Kumar_C5_14.pdf	UGC
30.	EFFECT OF MECHANICAL, THERMAL PROPERTIES AND DRILLING PARAMETERS ON GROUNDNUT SHELL-BROOM FIBRE-REINFORCED EPOXY COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	https://www.researchgate.net/publication/344159525_Preparation_Properties_and_Machinability_Study_of_Groundnut_Shell-Broom_Fibre-Reinforced_Epoxy_Composite	https://www.researchgate.net/publication/344159525_Preparation_Properties_and_Machinability_Study_of_Groundnut_Shell-Broom_Fibre-Reinforced_Epoxy_Composite	UGC




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31.	HYBRID COMPOSITE MATERIALS: MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER	International Journal of Rock Mechanics and Mining Sciences	https://www.researchgate.net/publication/308000158_Preparation_Properties_and_Machinability_Study_of_Luffa_Fiber_-_Groundnut_Shell_Reinforced_Epoxy_Composite	https://www.researchgate.net/publication/308000158_Preparation_Properties_and_Machinability_Study_of_Luffa_Fiber_-_Groundnut_Shell_Reinforced_Epoxy_Composite	UGC
32.	ASSESSMENT OF OPEN CENTRAL HOLE ON THE STRESS CONCENTRATION FACTOR OF GLASS FIBRE-COCONUT COIR-HUMAN HAIR HYBRID COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	https://www.researchgate.net/publication/274639850_Effect_of_Open_Central_Hole_Stress_Concentration_on_Mechanical_Properties_of_Luffa_fiber_Reinforced_Epoxy_Composite	https://www.researchgate.net/publication/274639850_Effect_of_Open_Central_Hole_Stress_Concentration_on_Mechanical_Properties_of_Luffa_fiber_Reinforced_Epoxy_Composite	UGC
33.	FABRICATION OF MEMS PRESSURE SENSOR ON THIN FILM MEMBRANE	Sensors	https://www.mdpi.com/1424-8220/9/8/6200	https://www.mdpi.com/1424-8220/9/8/6200	Scopus/ WoS




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
34.	INVESTIGATION OF PROPERTIES AND DYNAMICS MECHANICAL ANALYSIS OF GLASS FIBER / HUMAN HAIR / COIR FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	International Journal of Rock Mechanics and Mining Sciences	https://www.researchgate.net/publication/340047684_Investigation_of_mechanical_properties_of_sisal_fibre_and_human_hair_reinforced_with_epoxy_resin_hybrid_polymer_composite	https://www.researchgate.net/publication/340047684_Investigation_of_mechanical_properties_of_sisal_fibre_and_human_hair_reinforced_with_epoxy_resin_hybrid_polymer_composite	Scopus
35.	ANTENNA DESIGN: MICRO STRIP PATCH FOR SPECTRUM UTILIZATION IN COGNITIVE RADIO NETWORKS	Wireless Personal Communications	https://dl.acm.org/doi/10.1007/s11277-021-08232-6	https://dl.acm.org/doi/10.1007/s11277-021-08232-6	Scopus
36.	DEEP LEARNING-BASED HOOKWORM DETECTION IN WIRELESS CAPSULE ENDOSCOPIC IMAGE USING ADABOOST CLASSIFIER	<i>Computers, Materials & Continua</i>	https://www.techscience.com/cmc/v67n3/41581/html	https://www.techscience.com/cmc/v67n3/41581/html	UGC
37.	TWO WHEELER DESIGN AND FABRICATION TO PREVENT TRIBLE RIDERS AND ACCIDENTS	IEEE	https://ieeexplore.ieee.org/document/8698000	https://ieeexplore.ieee.org/document/8698000	Scopus
38.	SECURITY OF VEHICLES USING PROTOCOL-LEVEL RADIOWIRE THREATS	International Journal of Electrical and Computer Engineering	https://hexhive.epfl.ch/publications/files/22WOOT.pdf	https://hexhive.epfl.ch/publications/files/22WOOT.pdf	UGC




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39.	GNERFET -BASED FULL ADDER WITH ULTRA-LOW LEAKAGE AND HIGH SPEED	International Journal of Electrical and Computer Engineering	https://www.researchgate.net/profile/Amir-Baghi-Rahin/publication/359176797_GNERFET-Based_Full_Adder_with_Ultra-Low_Leakage_and_High_Speed/links/622bda5d9f7b324634245f73/GNERFET-Based-Full-Adder-with-Ultra-Low-Leakage-and-High-Speed.pdf	https://www.researchgate.net/profile/Amir-Baghi-Rahin/publication/359176797_GNERFET-Based_Full_Adder_with_Ultra-Low_Leakage_and_High_Speed/links/622bda5d9f7b324634245f73/GNERFET-Based-Full-Adder-with-Ultra-Low-Leakage-and-High-Speed.pdf	UGC
40.	A NEUROMORPHIC MODEL FOR IMAGE RECOGNITION USING	IEEE	https://ieeexplore.ieee.org/abstract/document/9358663	https://ieeexplore.ieee.org/abstract/document/9358663	Scopus
41.	IOT BASED FISH MONITORING SYSTEM FOR AQUACULTURE	International Journal of Electrical and Computer Engineering	https://ieeexplore.ieee.org/document/8745543	https://ieeexplore.ieee.org/document/8745543	Scopus




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42.	REDUCTION OF VOLTAGE STRESS IN A MEDIUM FREQUENCY TRANSFORMER USING IGBT DC/DC CONVERTER FOR PMSG BASED WIND TURBINE	International Journal of Electrical and Computer Engineering	https://www.researchgate.net/figure/Block-diagram-of-the-control-for-the-VSWT-based-on-a-PMSG-and-an-IGBT-dc-dc-converter_fig5_260509909	https://www.researchgate.net/figure/Block-diagram-of-the-control-for-the-VSWT-based-on-a-PMSG-and-an-IGBT-dc-dc-converter_fig5_260509909	UGC
43.	TWO WHEELER DESIGN AND FABRICATION TO PREVENT TRIBLE RIDERS AND ACCIDENTS	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper1.pdf	http://ijrmmae.in/Volume7Issue4/paper1.pdf	UGC
44.	TWO WHEELER DESIGN AND FABRICATION TO PREVENT TRIBLE RIDERS AND ACCIDENTS	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper1.pdf	http://ijrmmae.in/Volume7Issue4/paper1.pdf	UGC
45.	IOT BASED FISH MONITORING SYSTEM FOR AQUACULTURE	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/2.pdf	http://ijice.in/2022/2/2.pdf	UGC
46.	POWER FLOW OF MTDC USING DROOP CONTROL & IMPACT OF DC VOLTAGE DROPS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume7Issue2/paper1.pdf	http://irjges.com/Volume7Issue2/paper1.pdf	UGC




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47.	ERROR CONTROL SYSTEM IN CELLULAR NETWORK	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume6Issue2/paper7.pdf	http://irjges.com/Volume6Issue2/paper7.pdf	UGC
48.	RELATIVE TIME SYNCHRONIZATION OF DISTRIBUTED SYSTEM CLOCK OF APPLICATIONS FOR SOFTWARE-IN-THE-LOOP SIL SIMULATION	International Journal on Information and Communication Engineering	http://njice.in/2021/1/4.pdf	http://njice.in/2021/1/4.pdf	UGC
49.	ASSESSMENT OF OPEN CENTRAL HOLE ON THE STRESS CONCENTRATION FACTOR OF GLASS FIBRE-COCONUT COIR-HUMAN HAIR HYBRID COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2021/Nov/paper2.pdf	http://jrrset.com/2021/Nov/paper2.pdf	UGC
50.	RELATIVE TIME SYNCHRONIZATION OF DISTRIBUTED SYSTEM CLOCK OF APPLICATIONS FOR SOFTWARE-IN-THE-LOOP SIL SIMULATION	International Journal on Information and Communication Engineering	http://njice.in/2021/1/4.pdf	http://njice.in/2021/1/4.pdf	UGC
51.	POWER FLOW OF MTDC USING DROOP CONTROL & IMPACT OF DC VOLTAGE DROPS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume7Issue2/paper1.pdf	http://irjges.com/Volume7Issue2/paper1.pdf	UGC
52.	ERROR CONTROL SYSTEM IN CELLULAR NETWORK	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume6Issue2/paper7.pdf	http://irjges.com/Volume6Issue2/paper7.pdf	UGC




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53.	REDUCTION OF VOLTAGE STRESS IN A MEDIUM FREQUENCY TRANSFORMER USING IFBTL DC/DC CONVERTER FOR PMSG BASED WIND TURBINE	International Journal on Information and Communication Engineering	http://ijice.in/2021/4/3.pdf	http://ijice.in/2021/4/3.pdf	UGC
54.	RELATIVE TIME SYNCHRONIZATION OF DISTRIBUTED SYSTEM CLOCK OF APPLICATIONS FOR SOFTWARE-IN-THE-LOOP SIL SIMULATION	National Journal on Information and Communication Engineering	http://njice.in/2021/1/4.pdf	http://njice.in/2021/1/4.pdf	UGC
55.	KINETIC STUDY ON THE EFFECT OF WATER HYACINTHS IN FOODWASTE BIOGAS PRODUCTION	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue3/paper7.pdf	http://ijrmmae.in/Volume7Issue3/paper7.pdf	UGC
56.	IOT BASED FISH MONITORING SYSTEM FOR AQUACULTURE	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/2.pdf	http://ijice.in/2022/2/2.pdf	UGC
57.	TWO WHEELER DESIGN AND FABRICATION TO PREVENT TRIBLE RIDERS AND ACCIDENTS	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume7Issue4/paper1.pdf	http://ijrmmae.in/Volume7Issue4/paper1.pdf	UGC
58.	IOT BASED FISH MONITORING SYSTEM FOR AQUACULTURE	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/2.pdf	http://ijice.in/2022/2/2.pdf	UGC




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59.	IOT BASED FISH MONITORING SYSTEM FOR AQUACULTURE	International Journal on Information and Communication Engineering	http://ijice.in/2022/2/2.pdf	http://ijice.in/2022/2/2.pdf	UGC
60.	RELATIVE TIME SYNCHRONIZATION OF DISTRIBUTED SYSTEM CLOCK OF APPLICATIONS FOR SOFTWARE-IN-THE-LOOP SIL SIMULATION	National Journal on Information and Communication Engineering	http://njice.in/2021/1/4.pdf	http://njice.in/2021/1/4.pdf	UGC
61.	EFFECT OF MECHANICAL, THERMAL PROPERTIES AND DRILLING PARAMETERS ON GROUNDNUT SHELL-BROOM FIBRE-REINFORCED EPOXY COMPOSITE	International Journal of Recent Researches in Science, Engineering and Technology	http://jrrset.com/2022/November/paper4.pdf	http://jrrset.com/2022/November/paper4.pdf	UGC
62.	PREPARATION, PROPERTIES AND MACHINABILITY STUDY OF LUFFA FIBER - GROUNDNUT SHELL REINFORCED EPOXY COMPOSITE	International Journal of Recent Researches in Science, Engineering and Technology	http://jrrset.com/2022/September/paper5.pdf	http://jrrset.com/2022/September/paper5.pdf	UGC
63.	PREPARATION, PROPERTIES AND MACHINABILITY STUDY OF LUFFA FIBER - GROUNDNUT SHELL REINFORCED EPOXY COMPOSITE	International Journal of Recent Researches in Science, Engineering and Technology	http://jrrset.com/2022/September/paper5.pdf	http://jrrset.com/2022/September/paper5.pdf	UGC
64.	FABRICATION OF MEMS PRESSURE SENSOR ON THIN FILM MEMBRANE	International Journal of Recent Researches in Science, Engineering and Technology	http://jrrset.com/2021/Oct/paper2.pdf	http://jrrset.com/2021/Oct/paper2.pdf	UGC




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65.	HYBRID COMPOSITE MATERIALS: MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://www.ijrmmae.in/Volume7Issue1/paper4.pdf	http://www.ijrmmae.in/Volume7Issue1/paper4.pdf	UGC
66.	INVESTIGATION OF PROPERTIES AND DYNAMICS MECHANICAL ANALYSIS OF GLASS FIBER / HUMAN HAIR / COIR FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://www.ijrmmae.in/Volume7Issue2/paper3.pdf	http://www.ijrmmae.in/Volume7Issue2/paper3.pdf	UGC
67.	INVESTIGATION OF PROPERTIES AND DYNAMICS MECHANICAL ANALYSIS OF GLASS FIBER / HUMAN HAIR / COIR FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://www.ijrmmae.in/Volume7Issue2/paper3.pdf	http://www.ijrmmae.in/Volume7Issue2/paper3.pdf	UGC
68.	SECURITY OF VEHICLES USING PROTOCOL-LEVEL RADIOWIRE THREATS	International Journal on Information and Communication Engineering	http://ijice.in/2021/4/4.pdf	http://ijice.in/2021/4/4.pdf	UGC
69.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper7.pdf	http://irjges.com/Volume4Issue4/paper7.pdf	UGC




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70.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper7.pdf	http://irjges.com/Volume4Issue4/paper7.pdf	UGC




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
1.	SMART UTILIZATION OF POWER USING NEW BIDIRECTIONAL INTELLIGENT SOLID STATE TRANSFORMER	International Journal on Information and Communication Engineering	http://ijice.in/2020/5/5.pdf	http://ijice.in/2020/5/5.pdf	UGC
2.	IMPLEMENTATION OF LOW POWER 17-TRANSIST OR TRUE SINGLE-PHASE CLOCKING FLIP – FLOP DESIGNS WITH 45 NM CMOS TECHNOLOGY	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume5Issue4/paper4.pdf	http://irjges.com/Volume5Issue4/paper4.pdf	UGC
3.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper7.pdf	http://irjges.com/Volume4Issue4/paper7.pdf	UGC
4.	DESIGN AND ANALYSIS OF SINGLE LAYER QUANTUM DOT-CELLULAR AUTOMATA BASED 1-BIT COMPARATORS	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume6Issue2/paper4.pdf	http://ijrmmae.in/Volume6Issue2/paper4.pdf	UGC
5.	SMART UTILIZATION OF POWER USING NEW BIDIRECTIONAL INTELLIGENT SOLID STATE TRANSFORMER	International Journal on Information and Communication Engineering	http://ijice.in/2020/5/5.pdf	http://ijice.in/2020/5/5.pdf	UGC
6.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper7.pdf	http://irjges.com/Volume4Issue4/paper7.pdf	UGC



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5.	SMART UTILIZATION OF POWER USING NEW BIDIRECTIONAL INTELLIGENT SOLID STATE TRANSFORMER	International Journal on Information and Communication Engineering	http://ijice.in/2020/5/5.pdf	http://ijice.in/2020/5/5.pdf	UGC
6.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper7.pdf	http://irjges.com/Volume4Issue4/paper7.pdf	UGC



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8.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences	http://irjges.com/Vol4ume4Issue4/paper7.pdf	http://irjges.com/Vol4ume4Issue4/paper7.pdf	UGC
9.	OPTIMAL LOAD CONTROL FOR ECONOMIC ENERGY EQUILIBRIUM IN SMART GRID USINGADAPTIVEINERTIA WEIGHTTEACHING-LEARNING-BASEDOPTIMIZATION	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol4ume6Issue2/paper5.pdf	http://ijrmmae.in/Vol4ume6Issue2/paper5.pdf	UGC
10.	IMPLEMENTATION OF LOW POWER 17-TRANSIST OR TRUE SINGLE-PHASE CLOCKING FLIP – FLOP DESIGNS WITH 45 NM CMOS TECHNOLOGY	International Research Journal in Global Engineering and Sciences	http://irjges.com/Vol4ume5Issue4/paper4.pdf	http://irjges.com/Vol4ume5Issue4/paper4.pdf	UGC
11.	AN INTERVAL-VALUED INTUITIONISTIC FUZZY MATRICES BASED ON HAMACHER OPERATIONS	Journal of Science, Computing and Engineering Research	https://www.jscer.org/wp-content/uploads/2020-Volume%201-Issue%205/JSCER03122020.pdf	https://www.jscer.org/wp-content/uploads/2020-Volume%201-Issue%205/JSCER03122020.pdf	UGC




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12.	FERMATEAN FUZZY MATRICES	TWMS Journal of Applied and Engineering Mathematics	https://jaem.isikun.edu.tr/web/index.php/archive/116-vol12no3/887-fermatean-fuzzy-matrices	https://jaem.isikun.edu.tr/web/index.php/archive/116-vol12no3/887-fermatean-fuzzy-matrices	Scopus
13.	SOME OPERATIONS OVER PYTHAGOREAN FUZZY MATRICES BASED ON HAMACHER OPERATIONS	Journal of Applied Mathematics and Computational Mechanics	https://pdfs.semantic scholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	https://pdfs.semantic scholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	UGC
14.	NEW OPERATORS FOR FERMATEAN FUZZY SETS	ANNALS OF COMMUNICATIONS IN MATHEMATICS	https://www.researchgate.net/publication/344218108_New_operators_for_Fermatean_fuzzy_sets	https://www.researchgate.net/publication/344218108_New_operators_for_Fermatean_fuzzy_sets	UGC
15.	SYNTHESIS, CHARACTERIZATION, SPECTROSCOPIC, DFT AND MOLECULAR DOCKING STUDIES OF 3-(3, 4-DIHYDROXYPHENYL)-1-PHENYL-3-(PHENYLAMINO) PROPAN-1-ONE	Polycyclic Aromatic Compounds	https://www.sciencedirect.com/org/science/article/abs/pii/S1040663822005802	https://www.sciencedirect.com/org/science/article/abs/pii/S1040663822005802	Scopus / WoS
16.	A SURVEY OF STUDENT PRECEPTION AND FEEDBACK DURING THE COVID -19 LOCKDOWN	International Journal of Electrical and Computer Engineering	https://journals.lww.com/jmsc/fulltext/2021/23020/perception_of_faculty_and_students_about.11.aspx	https://journals.lww.com/jmsc/fulltext/2021/23020/perception_of_faculty_and_students_about.11.aspx	UGC




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17.	ANALYSIS OF WOVEN GLASS EPOXY LAMINATED WITH COMPOSITE PLATE	International Journal of Rock Mechanics and Mining Sciences	https://www.researchgate.net/publication/37394586_Buckling_Analysis_of_Woven_Glass_Epoxy_Laminated_Composite_Plate	https://www.researchgate.net/publication/37394586_Buckling_Analysis_of_Woven_Glass_Epoxy_Laminated_Composite_Plate	UGC
18.	CHARACTERIZATION ANALYSIS ON ALGAE METHYL ESTER (AME) BIO-DIESEL INJECTED IN AUTOMOTIVE CI ENGINE	International Journal of Rock Mechanics and Mining Sciences	https://www.researchgate.net/publication/367002852_An_Impact_of_Methyl_Esters_of_Algae_biodiesel_Used_as_Fuel_in_Diesel_Engine	https://www.researchgate.net/publication/367002852_An_Impact_of_Methyl_Esters_of_Algae_biodiesel_Used_as_Fuel_in_Diesel_Engine	UGC
19.	ELABORATION AND CHARACTERIZATION OF A HYBRID COMPOSITE MATERIAL WITH TWO PARTICLES OF THE SAME SIZE: COCO SHELLS AND PALM SHELLS	International Journal of Electrical and Computer Engineering	https://www.scirp.org/journal/paperinformation?paperid=102056	https://www.scirp.org/journal/paperinformation?paperid=102056	Scopus
20.	LONG-READ BITTER GOURD (MOMORDA CHARANTIA) GENOME AND THE GENOMIC ARCHITECTURE OF NONCLASSIC DOMESTICATION	Biological Sciences	https://www.pnas.org/doi/abs/10.1073/pnas.1921016117	https://www.pnas.org/doi/abs/10.1073/pnas.1921016117	Scopus




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21.	DESIGN AND ANALYSIS OF SINGLE LAYER QUANTUM DOT-CELLULAR AUTOMATA BASED 1-BIT COMPARATORS	TELKOMNIKA (Telecommunication, Computing, Electronics and Control)	https://telkomnika.uad.ac.id/index.php/TELKOMNIKA/article/view/18434	https://telkomnika.uad.ac.id/index.php/TELKOMNIKA/article/view/18434	Scopus
22.	CHALLENGES AND SOLUTIONS ON CURRENT-ONLY DIRECTIONAL OVERCURRENT PROTECTION FOR DISTRIBUTION AUTOMATION	IEEE	https://ieeexplore.ieee.org/abstract/document/6279482/	https://ieeexplore.ieee.org/abstract/document/6279482/	Scopus
23.	ANALYSIS OF WOVEN GLASS EPOXY LAMINATED WITH COMPOSITE PLATE	American Journal of Engineering Research	https://core.ac.uk/download/pdf/151646269.pdf	https://core.ac.uk/download/pdf/151646269.pdf	UGC
24.	INVESTIGATION OF PROPERTIES AND MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	IOP Conference Series: Materials Science and Engineering	https://iopscience.iop.org/article/10.1088/1757-899X/1116/1/012032	https://iopscience.iop.org/article/10.1088/1757-899X/1116/1/012032	Scopus
25.	CHARACTERIZATION ANALYSIS ON ALGAE METHYL ESTER (AME) BIO-DIESEL INJECTED IN AUTOMOTIVE CI ENGINE	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume6Issue1/paper10.pdf	http://ijrmmae.in/Volume6Issue1/paper10.pdf	UGC




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
26.	IMPLEMENTATION OF LOW POWER 17-TRANSISTOR TRUE SINGLE-PHASE CLOCKING FLIP – FLOP DESIGNS WITH 45 NM CMOS TECHNOLOGY	International Research Journal of Modernization in Engineering Technology and Science	https://www.irjmets.com/uploadedfiles/paper/issue_1_january_2022/18246/final/fin_irjmets1641794171.pdf	https://www.irjmets.com/uploadedfiles/paper/issue_1_january_2022/18246/final/fin_irjmets1641794171.pdf	UGC
27.	OPTIMAL LOAD CONTROL FOR ECONOMIC ENERGY EQUILIBRIUM IN SMART GRID USING ADAPTIVE INERTIA WEIGHT TEACHING-LEARNING-BASED OPTIMIZATION	International Journal of Intelligent Engineering and Systems	https://inass.org/wp-content/uploads/2021/11/2022043022-3.pdf	https://inass.org/wp-content/uploads/2021/11/2022043022-3.pdf	UGC
28.	ANALYSIS OF WOVEN GLASS EPOXY LAMINATED WITH COMPOSITE PLATE	International Journal of Rock Mechanics and Mining Sciences	https://www.researchgate.net/publication/37394586_Buckling_Analysis_of_Woven_Glass_Epoxy_Laminated_Composite_Plate	https://www.researchgate.net/publication/37394586_Buckling_Analysis_of_Woven_Glass_Epoxy_Laminated_Composite_Plate	UGC
29.	CHALLENGES AND SOLUTIONS ON CURRENT-ONLY DIRECTIONAL OVERCURRENT PROTECTION FOR DISTRIBUTION AUTOMATION	IEEE	https://ieeexplore.ieee.org/abstract/document/6279482	https://ieeexplore.ieee.org/abstract/document/6279482	Scopus




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30.	SMART SYSTEM FOR CONTROLLING AND MONITORING WATER AND TURBIDITY LEVELS IN DAM RESERVOIR USING MICRO-CONTROLLER TECHNOLOGY	International Journal of Advances in Scientific Research and Engineering	https://ijasre.net/index.php/ijasre/article/download/1444/1892/2692#:~:text=In%20the%20sensing%20unit%2C%20the,the%20microcontroller%20for%20further%20processing.	https://ijasre.net/index.php/ijasre/article/download/1444/1892/2692#:~:text=In%20the%20sensing%20unit%2C%20the,the%20microcontroller%20for%20further%20processing.	UGC
31.	IMPLEMENTATION OF LOW POWER 17-TRANSISTOR TRUE SINGLE-PHASE CLOCKING FLIP – FLOP DESIGNS WITH 45 NM CMOS TECHNOLOGY	International Research Journal of Modernization in Engineering Technology and Science	https://www.irjmets.com/uploadedfiles/paper/issue_1_january_2022/18246/final/fin_irjmets1641794171.pdf	https://www.irjmets.com/uploadedfiles/paper/issue_1_january_2022/18246/final/fin_irjmets1641794171.pdf	UGC
32.	OPTIMAL LOAD CONTROL FOR ECONOMIC ENERGY EQUILIBRIUM IN SMART GRID USING ADAPTIVE INERTIA WEIGHT TEACHING- LEARNING-BASED OPTIMIZATION	International Journal of Intelligent Engineering and Systems	https://inass.org/wp-content/uploads/2021/11/2022043022-3.pdf	https://inass.org/wp-content/uploads/2021/11/2022043022-3.pdf	UGC
33.	PEDWARN-ENHANCEMENT OF PEDESTRIAN SAFETY USING MOBILE APPLICATION	Springer Nature	https://link.springer.com/chapter/10.1007/978-3-030-32150-5_88	https://link.springer.com/chapter/10.1007/978-3-030-32150-5_88	Scopus/ WoS




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34.	SMART SYSTEM FOR CONTROLLING AND MONITORING WATER AND TURBIDITY LEVELS IN DAM RESERVOIR USING MICRO-CONTROLLER TECHNOLOGY	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmmae.in/Vol ume6Issue4/paper5.p df	http://ijrmmmae.in/Vol ume6Issue4/paper5.p df	UGC
35.	SMART SYSTEM FOR CONTROLLING AND MONITORING WATER AND TURBIDITY LEVELS IN DAM RESERVOIR USING MICRO-CONTROLLER TECHNOLOGY	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmmae.in/Vol ume6Issue4/paper5.p df	http://ijrmmmae.in/Vol ume6Issue4/paper5.p df	UGC
36.	GRID CONNECTED MULTILEVEL INVERTER TOPOLOGY SUITABLE FOR SOLAR PV APPLICATIONS WITH VARYING IRRADIANCE	International Research Journal in Global Engineering and Sciences.	http://irjges.com/Vol ume4Issue4/paper7.p df	http://irjges.com/Vol ume4Issue4/paper7.p df	UGC
37.	GPU-FRIENDLY STEINER-TREE HEURISTIC TO FIND A MINIMUM COST TREE SPANNING A GIVEN SUBSET	International Journal on Information and Communication Engineering	http://ijice.in/2020/5/ 4.pdf	http://ijice.in/2020/5/ 4.pdf	UGC
38.	GPU-FRIENDLY STEINER-TREE HEURISTIC TO FIND A MINIMUM COST TREE SPANNING A GIVEN SUBSET	International Journal on Information and Communication Engineering	http://ijice.in/2020/5/ 4.pdf	http://ijice.in/2020/5/ 4.pdf	UGC




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39.	CHALLENGES AND SOLUTIONS ON CURRENT-ONLY DIRECTIONAL OVERCURRENT PROTECTION FOR DISTRIBUTION AUTOMATION	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol ume6Issue2/paper6.p df	http://ijrmmae.in/Vol ume6Issue2/paper6.p df	UGC
40.	DESIGN AND ANALYSIS OF SINGLE LAYER QUANTUM DOT-CELLULAR AUTOMATA BASED 1-BIT COMPARATORS	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol ume6Issue2/paper4.p df	http://ijrmmae.in/Vol ume6Issue2/paper4.p df	UGC
41.	CHARACTERIZATION ANALYSIS ON ALGAE METHYL ESTER (AME) BIO-DIESEL INJECTED IN AUTOMOTIVE CI ENGINE	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol ume6Issue1/paper10. pdf	http://ijrmmae.in/Vol ume6Issue1/paper10. pdf	UGC
42.	CHALLENGES AND SOLUTIONS ON CURRENT-ONLY DIRECTIONAL OVERCURRENT PROTECTION FOR DISTRIBUTION AUTOMATION	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol ume6Issue2/paper6.p df	http://ijrmmae.in/Vol ume6Issue2/paper6.p df	UGC
43.	SMART UTILIZATION OF POWER USING NEW BIDIRECTIONAL INTELLIGENT SOLID STATE TRANSFORMER	International Journal on Information and Communication Engineering	http://ijice.in/2020/5/ 5.pdf	http://ijice.in/2020/5/ 5.pdf	UGC
44.	SMART SYSTEM FOR CONTROLLING AND MONITORING WATER AND TURBIDITY LEVELS IN DAM RESERVOIR USING MICRO-CONTROLLER TECHNOLOGY	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol ume6Issue4/paper5.p df	http://ijrmmae.in/Vol ume6Issue4/paper5.p df	UGC




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45.	INVESTIGATION OF PROPERTIES AND MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol_ume4-Issue-4/paper5.pdf	http://ijrmmae.in/Vol_ume4-Issue-4/paper5.pdf	UGC
46.	ANALYSIS OF WOVEN GLASS EPOXY LAMINATED WITH COMPOSITE PLATE	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol_ume6Issue4/paper6.pdf	http://ijrmmae.in/Vol_ume6Issue4/paper6.pdf	UGC
47.	DESIGN AND ANALYSIS OF SINGLE LAYER QUANTUM DOT-CELLULAR AUTOMATA BASED 1-BIT COMPARATORS	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol_ume6Issue2/paper4.pdf	http://ijrmmae.in/Vol_ume6Issue2/paper4.pdf	UGC
48.	OPTIMAL LOAD CONTROL FOR ECONOMIC ENERGY EQUILIBRIUM IN SMART GRID USING ADAPTIVE INERTIA WEIGHT TEACHING-LEARNING-BASED OPTIMIZATION	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol_ume6Issue2/paper5.pdf	http://ijrmmae.in/Vol_ume6Issue2/paper5.pdf	UGC
49.	CHARACTERIZATION ANALYSIS ON ALGAE METHYL ESTER (AME) BIO-DIESEL INJECTED IN AUTOMOTIVE CI ENGINE	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Vol_ume6Issue1/paper10.pdf	http://ijrmmae.in/Vol_ume6Issue1/paper10.pdf	UGC




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1.	AN EFFECTIVE GDI (GATE DIFFUSION INPUT) BASED 16-BIT SHIFT REGISTER DESIGN FOR POWER AND AREA OPTIMIZATION	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/4.pdf	http://ijice.in/2019/4/4.pdf	UGC
2.	DEVELOPMENT OF SMART CONTROL SYSTEM FOR IMPROVED ENERGY MANAGEMENT IN BUILDING	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue3/paper21.pdf	http://irjges.com/Volume4Issue3/paper21.pdf	UGC
3.	EXPERIMENTAL BEHAVIOR OF FIBER REINFORCED CONCRETE USING RECYCLED AGGREGATE WITH AGRO-WASTE REPLACEMENT	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2023/March/paper5.pdf	http://jrrset.com/2023/March/paper5.pdf	UGC
4.	SOIL AREA NETWORK FOR LANDSLIDE PREDICT AND AVOIDANCE SYSTEM BASED ON ARM CORTEX M3, MEMS AND GSM	International Research Journal in Global Engineering and Sciences	http://ijrmmae.in/Volume5-Issue-1/paper8.pdf	http://ijrmmae.in/Volume5-Issue-1/paper8.pdf	UGC
5.	GROWTH, STRUCTURAL, OPTICAL, SPECTRAL AND MECHANICAL STUDIES OF ADP SINGLE CRYSTAL	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/5.pdf	http://ijice.in/2019/4/5.pdf	UGC




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6.	ANALYSIS OF SURFACE PREPARATION IN EN8 STEEL MATERIALS BY USING COATING METHODS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue2/paper18.pdf	http://irjges.com/Volume4Issue2/paper18.pdf	UGC
7.	EXPERIMENTAL INVESTIGATION AND BUCKLING ANALYSIS OF WOVEN GLASS EPOXY LAMINATED COMPOSITE PLATE	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2019/December/paper9.pdf	http://jrrset.com/2019/December/paper9.pdf	UGC
8.	NON-VERBAL COMMUNICATION: FOCUS ON RECRUITMENT INTERVIEW FOR FRESHERS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue2/paper17.pdf	http://irjges.com/Volume4Issue2/paper17.pdf	UGC
9.	ENGLISH LANGUAGE TEACHING AND CONVERSATIONAL	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper6.pdf	http://irjges.com/Volume4Issue4/paper6.pdf	UGC
10.	GROWTH, STRUCTURAL, OPTICAL, SPECTRAL AND MECHANICAL STUDIES OF ADP SINGLE CRYSTAL	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/5.pdf	http://ijice.in/2019/4/5.pdf	UGC
11.	COMMUTATIVE MONOID OF PYTHAGOREAN FUZZY MATRICES	International Journal of Computer Sciences and Engineering	https://www.ijcseonline.org/pub_paper/107-IJCSE-06602.pdf	https://www.ijcseonline.org/pub_paper/107-IJCSE-06602.pdf	UGC




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
12.	IMPLICATION OPERATOR ON PYTHAGOREAN FUZZY SET	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	http://www.ijstr.org/final-print/aug2019/Implication-Operator-On-Pythagorean-Fuzzy-Set.pdf	http://www.ijstr.org/final-print/aug2019/Implication-Operator-On-Pythagorean-Fuzzy-Set.pdf	UGC
13.	HAMACHER OPERATIONS ON PYTHAGOREAN FUZZY MATRICES	Journal of Applied Mathematics and Computational Mechanics	https://pdfs.semanticscholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	https://pdfs.semanticscholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	UGC
14.	NEW OPERATIONS FOR PYTHAGOREAN FUZZY MATRICES	Indian Journal of Science and Technology	https://indjst.org/articles/new-operations-for-pythagorean-fuzzy-matrices	https://indjst.org/articles/new-operations-for-pythagorean-fuzzy-matrices	Scopus
15.	MICROSTRUCTURE EVALUATION ON FRICTION STIR WELDING OF CRYOROLLED 2219 ALUMINUM ALLOY	Journal of Testing and Evaluation	https://asmedigitalcollection.asme.org/testingevaluation/article-abstract/47/4/2827/1191259/Microstructure-Evaluation-on-Friction-Stir-Welding?redirectedFrom=PDF	https://asmedigitalcollection.asme.org/testingevaluation/article-abstract/47/4/2827/1191259/Microstructure-Evaluation-on-Friction-Stir-Welding?redirectedFrom=PDF	Scopus/ WoS




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16.	SYNTHESIS, SPECTROSCOPIC, COMPUTATIONAL AND MOLECULAR DOCKING STUDIES OF 1-(PYRIDIN-2-YL AMINO) METHYL NAPHTHALENE-2-OL	Journal of Molecular Structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286019308804	https://www.sciencedirect.com/science/article/abs/pii/S0022286019308804	Scopus
17.	SYNTHESIS, SPECTROSCOPIC CHARACTERISATION AND MOLECULAR DYNAMICS SIMULATIONS AND MOLECULAR DOCKING STUDY OF 3-(4-BROMOPHENYL)-1-(THIOPHEN-2-YL) PROP-2- EN-1 ONE	Rasayan Journal of Chemistry	https://www.rasayanjournal.co.in/admin/php/upload/816_pdf.pdf	https://www.rasayanjournal.co.in/admin/php/upload/816_pdf.pdf	Scopus
18.	IMPACT OF ANNEALING TEMPERATURE ON SPIN COATED V2O5 THIN FILMS AS INTERFACIAL LAYER IN CU/V2O5/N-SI STRUCTURED SCHOTTKY BARRIER DIODES	Journal of Inorganic and Organometallic Polymers and Materials	https://link.springer.com/article/10.1007/s10904-019-01117-z#:~:text=From%20the%20absorbance%2C%20it%20is,when%20compare%20to%20other%20films.	https://link.springer.com/article/10.1007/s10904-019-01117-z#:~:text=From%20the%20absorbance%2C%20it%20is,when%20compare%20to%20other%20films.	Scopus
19.	INVESTIGATION OF PROPERTIES AND MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	Applied Mechanics and Materials	https://www.scientific.net/amm.852.29	https://www.scientific.net/amm.852.29	Scopus




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20.	PROPERTIES OF LUFFA FIBER REINFORCED PHBV BIODEGRADABLE COMPOSITES	Polymers	https://www.researchgate.net/publication/336849175_Properties_of_Luffa_Fiber_Reinforced_PHBV_Biodegradable_Composites	https://www.researchgate.net/publication/336849175_Properties_of_Luffa_Fiber_Reinforced_PHBV_Biodegradable_Composites	Scopus
21.	OPTIMIZATION APPROACH FOR DESIGN OF SPUR GEAR BASED GENETIC ALGORITHM”	Innovare Journal of Engineering and Technology	https://journals.innovareacademics.in/index.php/ijet/article/view/15076/19633	https://journals.innovareacademics.in/index.php/ijet/article/view/15076/19633	UGC
22.	STUDY OF MECHANICAL BEHAVIOR F LUFFA / COIR FIBER REINFORCED COMPOSITE USING EXPERIMENTAL AND FEM TECHNIQUES	International Journal of Recent Technology and Engineering	https://www.ijrte.org/wp-content/uploads/papers/v10i1/A59340510121.pdf	https://www.ijrte.org/wp-content/uploads/papers/v10i1/A59340510121.pdf	UGC
23.	COMPRESSIVE AND IMPACT PROPERTIES OF LUFFA FIBER REINFORCED COMPOSITE MATERIALS	Procedia Engineering	https://www.sciencedirect.com/science/article/pii/S1877705814035176	https://www.sciencedirect.com/science/article/pii/S1877705814035176	Scopus




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24.	PREPARATION, PROPERTIES AND MACHINABILITY STUDY OF GROUNDNUT SHELL-BROOM FIBRE REINFORCED EPOXY COMPOSITE	International Journal for Research in Applied Science and Engineering Technology	https://www.researchgate.net/publication/344159525_Preparation_Properties_and_Machinability_Study_of_Groundnut_Shell-Broom_Fibre-Reinforced_Epoxy_Composite	https://www.researchgate.net/publication/344159525_Preparation_Properties_and_Machinability_Study_of_Groundnut_Shell-Broom_Fibre-Reinforced_Epoxy_Composite	No
25.	EFFECT OF MECHANICAL, THERMAL PROPERTIES AND DRILLING PARAMETERS ON GROUNDNUT SHELL-BROOM FIBRE-REINFORCED EPOXY COMPOSITE"	International Journal of Applied Engineering Research	https://www.ripublication.com/Volume/ijaerv10n2spl.htm	https://www.ripublication.com/Volume/ijaerv10n2spl.htm	UGC




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26.	ANALYSIS OF SURFACE PREPARATION IN EN8 STEEL MATERIALS BY USING COATING METHODS	International Journal of Electrical and Computer Engineering	https://www.researchgate.net/publication/334282740_Analysis_and_Experimental_Investigation_of_Surface_Modification_in_EN8_Steel_by_Using_Thermal_Spray_Technique	https://www.researchgate.net/publication/334282740_Analysis_and_Experimental_Investigation_of_Surface_Modification_in_EN8_Steel_by_Using_Thermal_Spray_Technique	UGC
27.	ELECTROSTATIC INVESTIGATION OF 4-DICYNOMETHYLENE-2,6-DIMETHYL-4H-PYRAN (DDP) DYE WITH AMIDE DERIVATIVES IN WATER	ACS omega	https://pubs.acs.org/doi/full/10.1021/acsomega.9b03427	https://pubs.acs.org/doi/full/10.1021/acsomega.9b03427	UGC
28.	SPECTROELECTROCHEMICAL INVESTIGATION OF 4-DICYNOMETHYLENE 2, 6-DIMETHYL-4H-PYRAN (DDP) DYE WITH GUANIDINE HYDROCHLORIDE (GUHCL) IN WATER	Journal of Materials Science Research	https://www.semanticscholar.org/paper/Spectroelectrochemical-Investigation-of-%28DDP%29-Dye-Gayathri-Vasanthi/0861b9a1618123e649d9750a8b76bab0aa751af1?p2df	https://www.semanticscholar.org/paper/Spectroelectrochemical-Investigation-of-%28DDP%29-Dye-Gayathri-Vasanthi/0861b9a1618123e649d9750a8b76bab0aa751af1?p2df	UGC




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29.	GROWTH, STRUCTURAL, OPTICAL, SPECTRAL AND MECHANICAL STUDIES OF ADP SINGLE CRYSTAL	International Journal of Electrical and Computer Engineering	https://www.researchgate.net/publication/256115708_Growth_structural_spectral_and_optical_studies_on_24-dinitrophenol_organic_single_crystal	https://www.researchgate.net/publication/256115708_Growth_structural_spectral_and_optical_studies_on_24-dinitrophenol_organic_single_crystal	UGC
30.	EXPERIMENTAL INVESTIGATION AND BUCKLING ANALYSIS OF WOVEN GLASS EPOXY LAMINATED COMPOSITE PLATE	International Journal for Research in Applied Science and Engineering Technology	https://www.ijirset.com/upload/2015/multicon/mech/21_ME024.pdf	https://www.ijirset.com/upload/2015/multicon/mech/21_ME024.pdf	UGC
31.	AN EFFECTIVE GDI (GATE DIFFUSION INPUT) BASED 16-BIT SHIFT REGISTER DESIGN FOR POWER AND AREA OPTIMIZATION	International Journal for Research in Applied Science and Engineering Technology	https://www.ijraset.com/research-paper/an-effective-gdi-based-16-bit-shift-register-design-for-power-and-area-optimization	https://www.ijraset.com/research-paper/an-effective-gdi-based-16-bit-shift-register-design-for-power-and-area-optimization	UGC
32.	DEVELOPMENT OF SMART CONTROL SYSTEM FOR IMPROVED ENERGY MANAGEMENT IN BUILDING	IRE Journals	https://www.irejournals.com/formatedpaper/1703180.pdf	https://www.irejournals.com/formatedpaper/1703180.pdf	No




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
33.	ANALYSIS OF SURFACE PREPARATION IN EN8 STEEL MATERIALS BY USING COATING METHODS	International Journal of Electrical and Computer Engineering	https://www.researchgate.net/publication/334282740_Analysis_and_Experimental_Investigation_of_Surface_Modification_in_EN8_Steel_by_Using_Thermal_Spray_Technique	https://www.researchgate.net/publication/334282740_Analysis_and_Experimental_Investigation_of_Surface_Modification_in_EN8_Steel_by_Using_Thermal_Spray_Technique	UGC
34.	PREPARATION, PROPERTIES AND MACHINABILITY STUDY OF GROUNDNUT SHELL-BROOM FIBRE REINFORCED EPOXY COMPOSITE	Conference Proceedings	https://www.researchgate.net/publication/344159525_Preparation_Properties_and_Machinability_Study_of_Groundnut_Shell-Broom_Fibre-Reinforced_Epoxy_Composite	https://www.researchgate.net/publication/344159525_Preparation_Properties_and_Machinability_Study_of_Groundnut_Shell-Broom_Fibre-Reinforced_Epoxy_Composite	No
35.	AN EFFECTIVE GDI (GATE DIFFUSION INPUT) BASED 16-BIT SHIFT REGISTER DESIGN FOR POWER AND AREA OPTIMIZATION	International Journal for Research in Applied Science and Engineering Technology	https://www.ijraset.com/research-paper/an-effective-gdi-based-16-bit-shift-register-design-for-power-and-area-optimization	https://www.ijraset.com/research-paper/an-effective-gdi-based-16-bit-shift-register-design-for-power-and-area-optimization	UGC




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36.	AN EFFICIENT ECO-FRIENDLY MODIFIED PALLADIUM, IMMOBILIZED ON IMIDAZOLIUM SUPPORTED BI-FUNCTIONALIZED IONIC LIQUID FOR SELECTIVE OXIDATION OF ALCOHOLS	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=2E5Ff7AAAAAJ&citation_for_view=2E5Ff7AAAAAJ:mVmsd5A6BfQC	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=2E5Ff7AAAAAJ&citation_for_view=2E5Ff7AAAAAJ:mVmsd5A6BfQC	UGC
37.	ROAD ACCIDENT DATA ANALYTICS USING MAP – REDUCE CONCEPT	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i11/18927078919.pdf	https://www.ijitee.org/wp-content/uploads/papers/v8i11/18927078919.pdf	UGC
38.	SOIL AREA NETWORK FOR LANDSLIDE PREDICT AND AVOIDANCE SYSTEM BASED ON ARM CORTEX M3, MEMS AND GSM	Conference Proceedings	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3735839	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3735839	No
39.	DESIGN AND FABRICATION OF MICRO STRIP PATCH ANTENNA FOR COGNITIVE RADIO APPLICATIONS	International Journal of Research in Engineering, Science and Management	https://www.ijresm.com/Vol.3_2020/Vol3_Iss5_May20/IJRESM_V3_I5_57.pdf	https://www.ijresm.com/Vol.3_2020/Vol3_Iss5_May20/IJRESM_V3_I5_57.pdf	UGC
40.	PERFORMANCE ANALYSIS OF HOOKWORM DETECTION USING DEEP CONVOLUTIONAL NEURAL NETWORK	IEEE	https://ieeexplore.ieee.org/document/8748645	https://ieeexplore.ieee.org/document/8748645	Scopus




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41.	SOIL AREA NETWORK FOR LANDSLIDE PREDICT AND AVOIDANCE SYSTEM BASED ON ARM CORTEX M3, MEMS AND GSM	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume5-Issue-1/paper8.pdf	http://ijrmmae.in/Volume5-Issue-1/paper8.pdf	UGC
42.	SOIL AREA NETWORK FOR LANDSLIDE PREDICT AND AVOIDANCE SYSTEM BASED ON ARM CORTEX M3, MEMS AND GSM	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume5-Issue-1/paper8.pdf	http://ijrmmae.in/Volume5-Issue-1/paper8.pdf	UGC
43.	EXPERIMENTAL BEHAVIOR OF FIBER REINFORCED CONCRETE USING RECYCLED AGGREGATE WITH AGRO-WASTE REPLACEMENT	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2023/March/paper5.pdf	http://jrrset.com/2023/March/paper5.pdf	UGC
44.	ANALYSIS OF SURFACE PREPARATION IN EN8 STEEL MATERIALS BY USING COATING METHODS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue2/paper18.pdf	http://irjges.com/Volume4Issue2/paper18.pdf	UGC
45.	DISTRIBUTED DETECTION OF MINIMUM CUTS IN WIRELESS MULTI-HOP NETWORKS	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/3.pdf	http://ijice.in/2019/4/3.pdf	UGC
46.	EXPERIMENTAL BEHAVIOR OF FIBER REINFORCED CONCRETE USING RECYCLED AGGREGATE WITH AGRO-WASTE REPLACEMENT	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2023/March/paper5.pdf	http://jrrset.com/2023/March/paper5.pdf	UGC




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47.	AN EFFECTIVE GDI (GATE DIFFUSION INPUT) BASED 16-BIT SHIFT REGISTER DESIGN FOR POWER AND AREA OPTIMIZATION	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/4.pdf	http://ijice.in/2019/4/4.pdf	UGC
48.	DEVELOPMENT OF SMART CONTROL SYSTEM FOR IMPROVED ENERGY MANAGEMENT IN BUILDING	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue3/paper21.pdf	http://irjges.com/Volume4Issue3/paper21.pdf	UGC
49.	ENHANCED PHOTOCATALYTIC DEGRADATION OF TEXTILE DYE USING W, N CO-DOPED ZNO POWDER: SYNTHESIS, CHARACTERIZATION, AND SOLAR ACTIVITY	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2019/December/paper10.pdf	http://jrrset.com/2019/December/paper10.pdf	UGC
50.	ENHANCED PHOTOCATALYTIC DEGRADATION OF TEXTILE DYE USING W, N CO-DOPED ZNO POWDER: SYNTHESIS, CHARACTERIZATION, AND SOLAR ACTIVITY	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2019/December/paper10.pdf	http://jrrset.com/2019/December/paper10.pdf	UGC
51.	GROWTH, STRUCTURAL, OPTICAL, SPECTRAL AND MECHANICAL STUDIES OF ADP SINGLE CRYSTAL	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/5.pdf	http://ijice.in/2019/4/5.pdf	UGC




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52.	NON-VERBAL COMMUNICATION: FOCUS ON RECRUITMENT INTERVIEW FOR FRESHERS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue2/paper17.pdf	http://irjges.com/Volume4Issue2/paper17.pdf	UGC
53.	DISTRIBUTED DETECTION OF MINIMUM CUTS IN WIRELESS MULTI-HOP NETWORKS	International Journal on Information and Communication Engineering g	http://ijice.in/2019/4/3.pdf	http://ijice.in/2019/4/3.pdf	UGC
54.	EXPERIMENTAL INVESTIGATION AND BUCKLING ANALYSIS OF WOVEN GLASS EPOXY LAMINATED COMPOSITE PLATE	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2019/December/paper9.pdf	http://jrrset.com/2019/December/paper9.pdf	UGC
55.	EXPERIMENTAL INVESTIGATION AND BUCKLING ANALYSIS OF WOVEN GLASS EPOXY LAMINATED COMPOSITE PLATE	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2019/December/paper9.pdf	http://jrrset.com/2019/December/paper9.pdf	UGC
56.	EXPERIMENTAL BEHAVIOR OF FIBER REINFORCED CONCRETE USING RECYCLED AGGREGATE WITH AGRO-WASTE REPLACEMENT	International Journal for Research in Applied Science and Engineering Technology	http://jrrset.com/2023/March/paper5.pdf	http://jrrset.com/2023/March/paper5.pdf	UGC




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57.	ENHANCED PHOTOCATALYTIC DEGRADATION OF TEXTILE DYE USING W, N CO-DOPED ZNO POWDER: SYNTHESIS, CHARACTERIZATION, AND SOLAR ACTIVITY	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2019/December/paper10.pdf	http://jrrset.com/2019/December/paper10.pdf	UGC
58.	NON-VERBAL COMMUNICATION: FOCUS ON RECRUITMENT INTERVIEW FOR FRESHERS	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue2/paper17.pdf	http://irjges.com/Volume4Issue2/paper17.pdf	UGC
59.	ENGLISH LANGUAGE TEACHING AND CONVERSATIONAL	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue4/paper6.pdf	http://irjges.com/Volume4Issue4/paper6.pdf	UGC
60.	DISTRIBUTED DETECTION OF MINIMUM CUTS IN WIRELESS MULTI-HOP NETWORKS	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/3.pdf	http://ijice.in/2019/4/3.pdf	UGC
61.	ENHANCED PHOTOCATALYTIC DEGRADATION OF TEXTILE DYE USING W, N CO-DOPED ZNO POWDER: SYNTHESIS, CHARACTERIZATION, AND SOLAR ACTIVITY	International Journal on Recent Researches in Science, Engineering & Technology	http://jrrset.com/2019/December/paper10.pdf	http://jrrset.com/2019/December/paper10.pdf	UGC
62.	DEVELOPMENT OF SMART CONTROL SYSTEM FOR IMPROVED ENERGY MANAGEMENT IN BUILDING	International Research Journal in Global Engineering and Sciences	http://irjges.com/Volume4Issue3/paper21.pdf	http://irjges.com/Volume4Issue3/paper21.pdf	UGC




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63.	DISTRIBUTED DETECTION OF MINIMUM CUTS IN WIRELESS MULTI-HOP NETWORKS	International Journal on Information and Communication Engineering	http://ijice.in/2019/4/3.pdf	http://ijice.in/2019/4/3.pdf	UGC




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
1.	DESIGN AND ANALYSIS OF KNUCKLE JOINT USING FEA SOFTWARE	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volu4-Issue-3/paper11.pdf	http://ijrmmae.in/Volu4-Issue-3/paper11.pdf	UGC
2.	INVESTIGATION OF PROPERTIES AND MACHINABILITY OF LUFFA WITH GROUNDNUT SHELL FIBER REINFORCED EPOXY POLYMER HYBRID COMPOSITES	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volu4-Issue-4/paper5.pdf	http://ijrmmae.in/Volu4-Issue-4/paper5.pdf	UGC
3.	<u>BOUNDED SUM AND BOUNDED PRODUCT OF FUZZY MATRICES</u>	Annals of Pure and Applied Mathematics	http://www.researchmathsci.org/apamart/apam-v14n3-19.pdf	http://www.researchmathsci.org/apamart/apam-v14n3-19.pdf	UGC
4.	HAMACHER SUM AND HAMACHER PRODUCT OF FUZZY MATRICES	Journal of Applied Mathematics and Computational Mechanics	https://pdfs.semanticscholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	https://pdfs.semanticscholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	UGC




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5.	ALGEBRAIC OPERATIONS ON PYTHAGOREAN FUZZY MATRICES	Mathematical Sciences International Research Journal	https://www.researchgate.net/profile/I-Silambarasan/publication/338833812_ALGEBRAIC_OPERATIONS_ON_PYTHAGOREAN_FUZZY_MATRICES/links/5e2ed59c458515e2e8755b2e/ALGEBRAIC-OPERATIONS-ON-PYTHAGOREAN-FUZZY-MATRICES.pdf	https://www.researchgate.net/profile/I-Silambarasan/publication/338833812_ALGEBRAIC_OPERATIONS_ON_PYTHAGOREAN_FUZZY_MATRICES/links/5e2ed59c458515e2e8755b2e/ALGEBRAIC-OPERATIONS-ON-PYTHAGOREAN-FUZZY-MATRICES.pdf	UGC
6.	HAMACHER OPERATIONS OF INTUITIONISTIC FUZZY MATRICES	Journal of Applied Mathematics and Computational Mechanics	https://pdfs.semanticscholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	https://pdfs.semanticscholar.org/35cc/bbe9310e40b8384afb9619162138771737e2.pdf	UGC
7.	PARAMETER OPTIMIZATION OF FRICTION STIR WELDING OF CRYOROLLED AA2219 ALLOY USING ARTIFICIAL NEURAL NETWORK MODELING WITH GENETIC ALGORITHM	Springer Nature	https://link.springer.com/article/10.1007/s00170-017-0897-6	https://link.springer.com/article/10.1007/s00170-017-0897-6	Scopus/ WoS




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8.	INFLUENCES OF METASTABLE Θ ", Θ' AND STABLE Θ INTERMETALLICS FORMED DURING CRYOROLLING AND FRICTION STIR WELDING PROCESS ON AA2219	Journal of Alloys and Compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838817336484	https://www.sciencedirect.com/science/article/abs/pii/S0925838817336484	Scopus/ WoS
9.	PREPARATION AND OPTICAL CHARACTERIZATION OF ZNO THIN FILM FOR OPTOELECTRONIC APPLICATIONS	IEEE	https://ieeexplore.ieee.org/document/5441056	https://ieeexplore.ieee.org/document/5441056	Scopus
10.	STRUCTURAL, OPTICAL AND MAGNETIC CHARACTERIZATION OF CU-DOPED ZNO NANOPARTICLES SYNTHESIZED USING SOLID STATE REACTION METHOD	Journal of Materials Science: Materials in Electronics	https://link.springer.com/article/10.1007/s10854-009-0041-y	https://link.springer.com/article/10.1007/s10854-009-0041-y	Scopus/ WoS
11.	EFFECT OF ANNEALING ON STRUCTURAL AND OPTICAL PROPERTIES OF ZINC OXIDE FILMS	Materials Chemistry and Physics	https://www.sciencedirect.com/science/article/abs/pii/S0254058410000775	https://www.sciencedirect.com/science/article/abs/pii/S0254058410000775	Scopus/ WoS
12.	SYNTHESIS AND OPTICAL PROPERTIES OF NI-DOPED ZINC OXIDE NANOPARTICLES FOR OPTOELECTRONIC APPLICATIONS	Optoelectronics Letters	https://link.springer.com/article/10.1007/s11801-010-9236-y	https://link.springer.com/article/10.1007/s11801-010-9236-y	Scopus/ WoS




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13.	STRUCTURAL AND OPTICAL CHARACTERIZATION OF CDS NANOPARTICLES SYNTHESIZED USING A SIMPLE CHEMICAL REACTION ROUTE	Optoelectronics and Advanced Materials - Rapid Communications	https://oam-rc.inoe.ro/articles/structural-and-optical-characterization-of-cds-nanoparticles-synthesized-using-a-simple-chemical-reaction-route/	https://oam-rc.inoe.ro/articles/structural-and-optical-characterization-of-cds-nanoparticles-synthesized-using-a-simple-chemical-reaction-route/	Scopus
14.	STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF NANOPARTICLES OF ZNO:NI - DMS PREPARED BY SOL-GEL METHOD	ACS Omega	https://pubs.acs.org/doi/10.1021/acsomega.3c01727	https://pubs.acs.org/doi/10.1021/acsomega.3c01727	UGC
15.	DILUTED MAGNETIC SEMICONDUCTOR PROPERTIES IN ZN1-XCUXO NANOPARTICLES SYNTHESIZED BY SOL GEL ROUTE	Journal of Sol-Gel Science and Technology	https://link.springer.com/article/10.1007/s10971-010-2329-z	https://link.springer.com/article/10.1007/s10971-010-2329-z	Scopus/ WoS
16.	MICROSTRUCTURAL AND PHOTOLUMINESCENCE PROPERTIES OF CO-DOPED ZNO FILMS FABRICATED USING A SIMPLE SOLUTION GROWTH METHOD	Materials Science in Semiconductor Processing	https://www.sciencedirect.com/science/article/abs/pii/S136980011000909	https://www.sciencedirect.com/science/article/abs/pii/S136980011000909	Scopus
17.	SYNTHESIS, STRUCTURAL AND OPTICAL CHARACTERIZATION OF NI-DOPED ZNO NANOPARTICLES	Journal of Materials Science: Materials in Electronics	https://link.springer.com/article/10.1007/s10854-010-0206-8	https://link.springer.com/article/10.1007/s10854-010-0206-8	Scopus




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18.	SYNTHESIS, STRUCTURAL AND MAGNETIC CHARACTERIZATION OF NI-DOPED ZNO DILUTED MAGNETIC SEMICONDUCTOR	American Journal of Materials Science	http://article.sapub.org/10.5923.j.materials.20120201.09.html	http://article.sapub.org/10.5923.j.materials.20120201.09.html	UGC
19.	SYNTHESIS AND CHARACTERIZATION OF BALL MILLED FE-DOPED ZNO DILUTED MAGNETIC SEMICONDUCTOR	Journal of Materials Science: Materials in Electronics	https://link.springer.com/article/10.1007/s11801-012-1157-5	https://link.springer.com/article/10.1007/s11801-012-1157-5	Scopus
20.	OPTICAL ABSORPTION AND EMISSION PROPERTIES OF ZNO:CO NANOPARTICLES SYNTHESIZED USING A NOVEL AUTO-COMBUSTION METHOD	International Journal of Electrical and Computer Engineering	https://pubs.acs.org/doi/10.1021/acsomega.3c01727	https://pubs.acs.org/doi/10.1021/acsomega.3c01727	UGC
21.	OPTICAL AND ELECTRON PARAMAGNETIC RESONANCE STUDIES ON CU-DOPED NANOPARTICLES SYNTHESIZED USING A NOVEL AUTO COMBUSTION METHOD	Frontiers of Materials Science	https://link.springer.com/article/10.1007/s11706-013-0198-4	https://link.springer.com/article/10.1007/s11706-013-0198-4	Scopus/ WoS
22.	OPTICAL, ELECTRICAL AND FERROMAGNETIC STUDIES OF ZNO:FE DILUTED MAGNETIC SEMICONDUCTOR NANOPARTICLES FOR SPINTRONIC APPLICATIONS	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	https://www.sciencedirect.com/science/article/abs/pii/S1386142517304493?via%3Dihub	https://www.sciencedirect.com/science/article/abs/pii/S1386142517304493?via%3Dihub	Scopus/ WoS




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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
23.	INFLUENCE OF NICKEL DOPING ON THE STRUCTURAL, OPTICAL AND MAGNETIC PROPERTIES OF TiO ₂ DILUTED MAGNETIC SEMICONDUCTOR NANOPARTICLES PREPARED BY HIGH ENERGY BALL-MILLING TECHNIQUE	Journal of Materials Science: Materials in Electronics	https://link.springer.com/article/10.1007/s10854-017-7317-4	https://link.springer.com/article/10.1007/s10854-017-7317-4	Scopus/ WoS
24.	IONIC CONDUCTIVITY AND BATTERY CHARACTERISTIC STUDIES ON PEO+NACLO ₃ POLYMER ELECTROLYTE	Ionics	https://link.springer.com/article/10.1007/BF02375472	https://link.springer.com/article/10.1007/BF02375472	Scopus/ WoS
25.	CONDUCTIVITY STUDIES ON PEO:NACLO ₃ ELECTROLYTE SYSTEM WITH DIFFERENT PLASTICIZERS	Ionics	https://link.springer.com/article/10.1007/BF02375473	https://link.springer.com/article/10.1007/BF02375473	Scopus/ WoS
26.	HETEROJUNCTION SOLAR CELL WITH 2% EFFICIENCY BASED ON A CU ₂ O SUBSTRATE	Applied Physics Letters	https://pubs.aip.org/apl/article-abstract/88/16/16350/2/152625/Heterojunction-solar-cell-with-2-efficiency-based?redirectedFrom=fulltext	https://pubs.aip.org/apl/article-abstract/88/16/16350/2/152625/Heterojunction-solar-cell-with-2-efficiency-based?redirectedFrom=fulltext	WoS




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27.	OLIVINE-TYPE NANOPARTICLE FOR HYBRID SUPERCAPACITORS	Journal of Solid State Electrochemistry	https://link.springer.com/article/10.1007/s10008-007-0438-6	https://link.springer.com/article/10.1007/s10008-007-0438-6	Scopus
28.	PHOTOPHYSICAL STUDIES OF A FOOD HYDROCOLLOID, GUM ARABIC WITH RESORCINOL BASED ACRIDINEDIONE DYES IN WATER	Journal of Photochemistry and Photobiology A: Chemistry	https://www.sciencedirect.com/science/article/abs/pii/S1010603017300205	https://www.sciencedirect.com/science/article/abs/pii/S1010603017300205	Scopus
29.	PHOTOPHYSICAL AND ELECTROCHEMICAL STUDIES OF 4-DICYANOMETHYLENE 2, 6-DIMETHYL-4H-PYRAN (DDP) DYE WITH AMIDES IN WATER	Journal of Fluorescence	https://link.springer.com/article/10.1007/s10895-018-2303-7	https://link.springer.com/article/10.1007/s10895-018-2303-7	Scopus
30.	INTERCONNECT STACK USING SELF-ALIGNED QUAD AND DOUBLE PATTERNING FOR 10NM HIGH VOLUME MANUFACTURING	IEEE	https://ieeexplore.ieee.org/abstract/document/8430489	https://ieeexplore.ieee.org/abstract/document/8430489	Scopus
31.	DESIGN AND ANALYSIS OF KNUCKLE JOINT USING FEA SOFTWARE	International Journal of Rock Mechanics and Mining Sciences	https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770227896C56.pdf	https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770227896C56.pdf	UGC
32.	DESIGN AND ANALYSIS OF KNUCKLE JOINT USING FEA SOFTWARE	International Journal of Rock Mechanics and Mining Sciences	https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770227896C56.pdf	https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788770227896C56.pdf	UGC




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33.	MIXED LIGAND COMPLEXES OF NICKEL (II), COPPER (II) AND ZINC (II) WITH NICOTINANILIDE AND THIOCYANATE	International Journal of Life science and pharma research	https://d1wqtxts1xzle7.cloudfront.net/77713983/185_pdf-libre.pdf?1640881368=&response-content-disposition=inline%3B+filename%3DMixedLigandComplexesofNickelIICopp.pdf&Expires=1733416876&Signature=DmgVkbVD7WbW9PqKVwNwdM7iPxvK8p-Mk7pWFXrFgQ-pkyMj8BUE4u3ENuHzi~ifpb-FllkkJ2Cx7GBCO-Sol35OS2AqDAh6wls gNjv3EUgyTIyGkZI~Ei51lWlm7ARPu7DypGRkI3vL9scsnaH7CG~~Aztr2s5ikXpQq dqXE9GuwyTn3CQC WcBM0dmXhJI-mecBpuW0ZAanUyS MYEijFT7E-VMAT3Qv7KYa882b0ucBnaHconTsmzcsu0qvlyNrpgRGjVocz3-shZVKBjgkFQh4p8C0HE3TRRRQMwMeuXCsKfe4Tj6EYkAg1fvTmkKaaubWrStm00kLiO0KrlxX8w &Ke	https://d1wqtxts1xzle7.cloudfront.net/77713983/185_pdf-libre.pdf?1640881368=&response-content-disposition=inline%3B+filename%3DMixedLigandComplexesofNickelIICopp.pdf&Expires=1733416876&Signature=DmgVkbVD7WbW9PqKVwNwdM7iPxvK8p-Mk7pWFXrFgQ-pkyMj8BUE4u3ENuHzi~ifpb-FllkkJ2Cx7GBCO-Sol35OS2AqDAh6wls gNjv3EUgyTIyGkZI~Ei51lWlm7ARPu7DypGRkI3vL9scsnaH7CG~~Aztr2s5ikXpQq dqXE9GuwyTn3CQC WcBM0dmXhJI-mecBpuW0ZAanUyS MYEijFT7E-VMAT3Qv7KYa882b0ucBnaHconTsmzcsu0qvlyNrpgRGjVocz3-shZVKBjgkFQh4p8C0HE3TRRRQMwMeuXCsKfe4Tj6EYkAg1fvTmkKaaubWrStm00kLiO0KrlxX8w &Ke	UGC



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S.No	Title of the Paper	Name of the Journal	Link to website of the journal	Link to article/ paper/ abstract of the article	UGC Care list /Scopus/ Web of Science
34.	SYNTHESIS, CHARACTERIZATION, CRYSTAL STRUCTURE AND BIOLOGICAL STUDIES ON NICOTINANILIDE BASED NICKEL (II), COPPER (II) AND ZINC (II) COMPLEXES	International Journal of Life science and pharma research	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=2E5Ff7AAA-AAJ&citation_for_view=2E5Ff7AAAAAJ:ufrVoPGSRksC	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=2E5Ff7AAA-AAJ&citation_for_view=2E5Ff7AAAAAJ:ufrVoPGSRksC	UGC
35.	DESIGN AND ANALYSIS OF KNUCKLE JOINT USING FEA SOFTWARE	International Journal of Research in Mechanical, Mechatronics and Automobile Engineering	http://ijrmmae.in/Volume4-Issue-3/paper11.pdf	http://ijrmmae.in/Volume4-Issue-3/paper11.pdf	UGC




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