



Journals Publications

Title of paper	Name of the author/s	Department of the Faculty	Name of journal	Year of public	ISSN number	Link to article/paper/abstract of the article
Modal Analysis of Horns Used in Rotary Ultrasonic Machining	Rai, Praveen Kumar	MECH	NanoWorld Journal	2023	23791101	https://www.scopus.com/record/display.uri?eid=2-s2.0-85168930032&origin=resultslist&sort=plf-f&src=s&sid=82fb3bd2c084b3f03d695172fa8fcbb7&sot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=82fb3bd2c084b3f03d695172fa8fcbb7&relpos=15
CFD Analysis on BS6 Exhaust System of Two-wheeler	Pradeep Chavan, Praveen Kumar Rai, Nilabh Dish	MECH	NanoWorld Journal	2023	23791101	https://www.researchgate.net/publication/372039898_CFD_Analysis_on_BS6_Exhaust_System_of_Two-wheeler
Intrusion Detection System Using Hybrid Convolutional Neural Network	Papiya Dutta	ECE	Mobile Networks and Applications	2023	1383469X	https://link.springer.com/article/10.1007/s11036-023-02223-6
Damping properties of magnesium surface layers developed by friction stir processing	Guttikonda Manohar	MECH	Advances in Materials and Processing Technologies	2023	2374068X	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2023.2220247
Security and energy efficient cyber-physical systems using predictive modeling approaches in wireless sensor network	Papiya Dutta	ECE	Wireless Networks	2023	10220038	https://link.springer.com/article/10.1007/s11276-023-03345-1

Fabrication of efficient aluminium/graphene nanosheets (Al-GNP) composite by powder metallurgy for strength applications	Suneev Anil Bansal	MECH	Journal of Materials Research and Technology	2023	22387854	https://www.sciencedirect.com/science/article/pii/S2238785422020518
Evaluating the Efficiency of Non-Orthogonal MU-MIMO Methods in Smart Cities Technologies & 5G Communication	Dutta, Papiya	ECE	Sustainability (Switzerland)	2023	20711050	https://www.mdpi.com/2071-1050/15/1/236
Mathematical modeling and reliability analysis for pellet manufacturing unit of a polymer section	Suneev Anil Bansal	MECH	Materials Today: Proceedings	2023	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322071978
Aluminium-graphene metal matrix nanocomposites: Modelling, analysis, and simulation approach to estimate mechanical properties	Suneev Anil Bansal	MECH	Materials Today: Proceedings	2023	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322067001
Effect of graphene size variation on mechanical properties of aluminium graphene nanocomposites: A modeling analysis	Suneev Anil Bansal	MECH	Materials Today: Proceedings	2023	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322048829
Influence of Cooling Media on the Electrochemical Behavior of Friction Stir Processed Al2014 Alloy	G. Manohar	MECH	JOM The Journal of The Minerals, Metals & Materials Society (TMS)	2023	10474838	https://link.springer.com/article/10.1007/s11837-022-05611-7
Visible to near-infrared broadband photodetector employing thin film topological insulator heterojunction (p-TiBiSe2/n-Si) diode	Faizan Ahmad		Applied Surface Science	2023	1694332	https://www.sciencedirect.com/science/article/abs/pii/S0169433222033414
Analyzing histopathological images by using machine learning techniques	R. Madana Mohana	CSE	Applied Nanoscience	2023	21905509	https://link.springer.com/article/10.1007/s13204-021-02217-4

Wire-cut electrical discharge machining of novel MMCs using silane-treated corn cob biosilica-deionized green dielectric: a cleaner production approach	Sivakumar N. S	MECH	Biomass Conversion and Biorefinery	2023	21906815	https://link.springer.com/article/10.1007/s13399-022-03170-0
Multichannel Power Constraints-Based SNR Estimation for the non-cooperative and cooperative scenarios of multi-user Wireless Network	Papiya Dutta	ECE	Physical Communication	2023	18744907	https://www.sciencedirect.com/science/article/abs/pii/S187449072300054X
Adaptive population-based multi-objective optimization in SDN controllers for cost optimization	Papiya Dutta	ECE	Physical Communication	2023	18744907	https://www.sciencedirect.com/science/article/abs/pii/S1874490723000095
Development of graphitic-N-based carbon dots using solid-state synthesis for fingerprinting, LEDs, and anticounterfeiting	Rinki Kumari	CHEMISTRY	New Journal of Chemistry	2023	11440546	https://pubs.rsc.org/en/content/articlelanding/2023/nj/d3nj03060a#:~:text=The%20carbon%20dot%20powder%20displayed,third%20level%20of%20fingerprint%20patterning.
AQI prediction using layer recurrent neural network model: a new approach	Shadab Ahmad	CIVIL	Environmental Monitoring and Assessment	2023	1676369	https://link.springer.com/article/10.1007/s10661-023-11646-3
Finite element analysis of the mechanical properties of graphene aluminium nanocomposite: varying weight fractions, sizes and orientation	Suneev Anil Bansal	MECH	carbon letters	2023	19764251	https://link.springer.com/article/10.1007/s42823-023-00543-x
Paradigm of state-of-the-art CNT reinforced copper metal matrix composites: processing, characterizations, and applications	Bansal, Suneev Anil	MECH	Journal of Materials Research and Technology	2023	22387854	https://www.sciencedirect.com/science/article/pii/S2238785423010517
Bisphenol-A–Carbon Nanotube Nanocomposite: Interfacial DFT Prediction and Experimental Strength Testing	Suneev Anil Bansal	MECH	Langmuir	2022	https://doi.org/10.1021/acs.langmuir.2c02723	https://pubs.acs.org/doi/10.1021/acs.langmuir.2c02723

A Smart Solution for Cancer Patient Monitoring Based on Internet of Medical Things Using Machine Learning Approach	Madana Mohana R	CSE	Evidence-based Complementary and Alternative Medicine	2022	1741427X	https://www.hindawi.com/journals/ecam/2022/2056807/
Erratum: Nanotechnology-Based Sensitive Biosensors for COVID-19 Prediction Using Fuzzy Logic Control	Bachanna, Prashant	ECE	Journal of Nanomaterials	2022	18761100	https://www.hindawi.com/journals/jnm/2021/3383146/
5G-Telecommunication Allocation Network Using IoT Enabled Improved Machine Learning Technique	Dutta, Papiya	ECE	Wireless Communications and Mobile Computing	2022	15308669	https://www.hindawi.com/journals/wcm/2022/6229356/
Fractographic properties of electrode material of supercapacitor (carbon aerogel) with its application	Mishra, Neeraj Kumar	CSE	Advances in Materials and Processing Technologies	2022	2374068X	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2021.1953921
Optimal Designs of Reversible/Quantum Decoder Circuit Using New Quantum Gates	Misra, Neeraj Kumar	ECE	International Journal of Theoretical Physics	2022	207748	https://link.springer.com/article/10.1007/s10773-022-05017-w
Reduction of depolarization field effect on ferroelectric switching process in semiconductor-relaxor ferroelectric composite	Lagen Kumar Pradhan	PHYSICS	Journal of Applied Physics	2022	218979	https://pubs.aip.org/aip/jap/article-abstract/131/15/154102/2836778/Reduction-of-depolarization-field-effect-on?redirectedFrom=fulltext
Low Power LC-Quadrature VCO with Superior Phase Noise Performance in 0.13 μm RF-CMOS Process for Modern WLAN Application	Neeraj Kumar Misra	ECE	Circuits, Systems, and Signal Processing	2022	0278081X	https://link.springer.com/article/10.1007/s00034-021-01921-4

Multidimensional Optimization For Joint MAP Channel & PLL Phase Noise Estimation in OFDM	Shrivastav K.	ECE	Journal of Engineering Science and Technology	2022	18234690	https://www.scopus.com/record/display.uri?eid=2-s2.0-85131956475&origin=resultslist&sort=plf-f&src=s&sid=8596908750d08fc018023e3547978521&sot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=8596908750d08fc018023e3547978521&relpos=39
Small molecule NSAID derivatives for impairing powerhouse in cancer cells	Aman Bajpai	Chemistry	Bioorganic & Medicinal Chemistry	2022	9680896	https://www.sciencedirect.com/science/article/abs/pii/S0968089622001511
Content Addressable Memory Design in 3D pNML for Energy-Aware Sustainable Computing	Misra Neeraj Kumar	ECE	Journal of Circuits, Systems and Computers	2022	0218-1266	https://openurl.ebsco.com/EPDB%3Agcd%3A4%3A16543828/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A157709095&crl=c
Disk margin based robust stability analysis of a DC motor drive	Murugaperumal Krishnamoorthy	EEE	Engineering Science and Technology, an International Journal	2022	22150986	https://www.sciencedirect.com/science/article/pii/S2215098621002068
Electrocaloric effect and temperature dependent scaling behaviour of dynamic ferroelectric hysteresis studies on modified BTO	Lagen Kumar Pradhan	PHYSICS	Journal of Physics and Chemistry of Solids	2022	223697	https://www.sciencedirect.com/science/article/abs/pii/S0022369722002724
An accurate analytical modeling of solar photovoltaic system considering Rs and Rsh under partial shaded condition	Sampath Kumar Vankadara	EEE	International Journal of System Assurance Engineering and Management	2022	9756809	https://link.springer.com/article/10.1007/s13198-022-01658-6
A wideband monopole antenna with diplexer and rectifier for simultaneous energy harvesting and data communication	Geriki Polaiah	H&S	International Journal of RF and Microwave Computer-Aided Engineering	2022	10964290	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.23343

Engineering Electrical and Thermal Attributes of Two-Dimensional Graphene Reinforced Copper/Aluminium Metal Matrix Composites for Smart Electronics	Suneev Anil Bansal	MECH	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/article/10.1149/2162-8777/aca933/meta
A novel energy-efficient clustering protocol in wireless sensor network: multi-objective analysis based on hybrid meta-heuristic algorithm	Y. Alekya Rani	CSE	Journal of Reliable Intelligent Environments	2022	21994668	https://link.springer.com/article/10.1007/s40860-021-00159-w
The Effect of Hydrothermal Reaction Time on the Antibacterial Activity of Synthesized Manganese Oxide Nanoparticles	I. Sophia Rani	H&S	Journal of Environmental Nanotechnology	2022	22790748	https://nanoient.org/journals/index.php/jent/article/view/973
Physical characterization and antibacterial activity of zinc oxide nanostructures synthesized via facile hydrothermal method	I. Sophia Rani	H&S	Materials Today: Proceedings	2022	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322042250
Investigation on wear behavior of aluminium matrix micro and nanocomposites	Prateek Asthana	ECE	Materials Today: Proceedings	2022	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321066670
Study of dipole polarization in Zn doped barium hexaferrite	Lagen Kumar Pradhan	PHYSICS	Materials Today: Proceedings	2022	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322035775
Performance analysis of an Injera baking machine by using solar energy	Suresh P	MECH	Materials Today: Proceedings	2022	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321064737
Improvement of power quality parameters using modulated-unified power quality conditioner and switched-inductor boost converter by the optimization techniques for a hybrid AC/DC microgrid	Khan, Yawer Abbas	EEE	Scientific Reports	2022	20452322	https://www.nature.com/articles/s41598-022-26001-8

Graphene-reinforced nanocomposites: synthesis, micromechanics models, analysis and applications – a review	Bansal, Suneev A	MECH	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2022	9544062	https://journals.sagepub.com/doi/abs/10.1177/09544062221091773
Implementation of a new speed estimation technique for vector controlled switched reluctance machines	Khan, Yawer Abbas	EEE	Measurement: Journal of the International Measurement Confederation	2022	2632241	https://www.sciencedirect.com/science/article/abs/pii/S0263224122005553
Revenue targeting for a prosumer with storage under gross and net energy metering policies	Hesaroor, Kashinath	EEE	Journal of Energy Storage	2022	2352152X	https://www.sciencedirect.com/science/article/abs/pii/S2352152X22002602
Erratum: Nanotechnology-Based Sensitive Biosensors for COVID-19 Prediction Using Fuzzy Logic Control	Bachanna, P	ECE	Journal of Nanomaterials	2021	1687-4110	https://downloads.hindawi.com/journals/jnm/2021/3383146.pdf
Experimental investigation on tensile properties of the polymer and composite specimens printed in a Triangular pattern	Ruchin Kacker	ME	Journal of Manufacturing Processes	2021	1526-6125	https://www.sciencedirect.com/science/article/abs/pii/S1526612521004126
Predict Diabetes Mellitus Using Machine Learning Algorithms	Bano, F., Munidhanalakshmi, K., Madana Mohana, R.	CSE	Journal of Physics: Conference Series	2021	17426588	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012002/meta
Assessing Wear out of Tyre using Opencv & Convolutional Neural Networks	Mohana, M.R.	CSE	Journal of Physics: Conference Series	2021	17426588	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012001/meta
A Real-time Implementation for the Speech Steganography using Short-Time Fourier Transform for Secured Mobile Communication	Shrivastava, R.	ECE	Journal of Physics: Conference Series	2021	17426588	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012066

Graphene Quantum Dots Decorated TiO ₂ Nanostructures: Sustainable Approach for Photocatalytic Remediation of an Industrial Pollutant	Sarkar, S.	Chemistry	Chemistry Select John Wiley and Sons Inc	2021	23656549	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202102242
Techno economic performance analysis of hybrid renewable electrification system for remote villages of India	Krishnamoorthy, M	EEE	International Transactions on Electrical Energy Systems	2021	20507038	https://onlinelibrary.wiley.com/doi/10.1002/2050-7038.12515
Proximity-coupled high gain graphene patch antenna using holey dielectric superstrate for terahertz applications	Kushwaha, R.K., Karuppanan, P.	ECE	Optik	2021	304026	https://www.sciencedirect.com/science/article/abs/pii/S0030402621005027
Erratum: Nanotechnology-Based Sensitive Biosensors for COVID-19 Prediction Using Fuzzy Logic Control	Bachanna, P	ECE	Journal of Nanomaterials	2021	1687-4110	https://downloads.hindawi.com/journals/jnm/2021/3383146.pdf
L-Shape Propagated Array Configuration with Dynamic Reconfiguration Algorithm for Enhancing Energy Conversion Rate of Partial Shaded Photovoltaic Systems	Balachandran, Praveen Kumar	EEE	IEEE Access	2021	2169-3536	https://ieeexplore.ieee.org/document/9474476
A Real-time Implementation for the Speech Steganography using Short-Time Fourier Transform for Secured Mobile Communication	Dr Rajeev Shrivastava	ECE	Turkish Journal of Computer and Mathematics Education	2021	e-ISSN 1309-4653	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012066/pdf
An accurate analytical modeling of solar photovoltaic system considering Rs and Rsh under partial shaded condition	Sampath Kumar Vankadara,	EEE	Int J Syst Assur Eng Manag	2021	0975-6809	https://link.springer.com/article/10.1007/s13198-022-01658-6

Investigation and Design of Microstrip Patch Antenna employed on PCs Substrates in THz regime	Kushwaha, R. K.	ECE	Australian Journal of Electrical and Electronics Engineering, Taylors & Francis	2021	1448-837X	https://doi.org/10.1080/1448837X.2021.1936779
Development of PANI based ternary nanocomposite with enhanced capacity retention for high performance supercapacitor application	Suprabhat Sarkar	Chemistry	Electrochimica Acta	2021	0013-4686	https://doi.org/10.1016/j.electacta.2021.138564
An autonomous piezoelectric energy harvesting system for smart sensor nodes in IOT application	Asthana, p.	ECE	Applied Physics A: Materials Science and Processing	2021	0947-8396	https://link.springer.com/article/10.1007/s00339-021-04976-x
Optimization of parameters of Adders and Barrel shifter based on Emerging QCA technology	Mishra, N. K.	ECE	Radioelectronics and Communication systems	2021	0735-2727	https://link.springer.com/article/10.3103/S0735272721100022
Effect of structural modification on electromechanical behaviour of piezoelectric material under applied stress: an experimental study	Prateek Asthana	ECE	Ferroelectrics	2021	0015-0193	https://www.tandfonline.com/doi/abs/10.1080/00150193.2021.1991206
A Novel energy- efficient clustering protocol in wireless sensor network: multi-objective analysis based on hybrid meta-heuristic algorithm	Rani, Y. A.	CSE	Journal of Reliable Intelligent Environments	2021	2199-4676	https://link.springer.com/article/10.1007/s40860-021-00159-w
Power Enhancement in Partial Shaded Photovoltaic System Using Spiral Pattern Array Configuration Scheme	Balachandran T.S. Alhelou, H.H.	EEE	IEEE Access	2021	2169-3536	https://ieeexplore.ieee.org/document/9526593
A New Alternate Method to Reuse Rehashed Edible Oil for the Betterment of Society - Dual Benefit Approach in	Balachandran, P.K.	EEE	IEEE Access	2021	2169-3536	https://ieeexplore.ieee.org/document/9536961

Fractographic properties of electrode material of supercapacitor (carbon aerogel) with its application	Mishra, N.K.	ECE	Advances in Materials and Processing Technologies	2021	2374-068X	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2021.1953921
Predict Diabetes Mellitus Using Machine Learning Algorithms	Bano, F. Munidhanalakshmi, K. MadanaMohana, R.	CSE	Journal of Physics: Conference Series	2021	1742-6588	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012002/meta
Assessing Wear out of Tyre using OpenCV & Convolutional Neural Networks	Mohana, M.R.	CSE	Journal of Physics: Conference Series	2021	1742-6588	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012001/meta
Graphene Quantum Dots Decorated TiO Nanostructures: Sustainable Approach for Photocatalytic Remediation of an Industrial Pollutant	Sarkar, S.	Chemistry	Chemistry Select: John Wiley and Sons Inc	2021	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202102242
A techno-economic feasibility analysis of renewable energy-based marine micro-grid for cruise ship applications: A case study simulation	Krishnamoorthy, Murugaperumal	EEE	Marine Technology Society Journal	2021	253324	https://www.ingentaconnect.com/content/mts/mts/2021/00000055/00000005/art00008
Public Auditing Scheme for Integrity Verification in Distributed Cloud Storage System	Sanjay Kumar Suman, Srihari, K.	ECE	Scientific Programming	2021	1058-9244	https://www.hindawi.com/journals/sp/2021/8533995/
Detection of attacks in IOT sensors networks using machine learning algorithm	Bedi, P., Mewada, S., Vatti, M. Sikarwar	ECE	Microprocessors and Microsystems	2021	0141-9331	https://www.sciencedirect.com/science/article/abs/pii/S0141933120309595
A Novel energy- efficient clustering protocol in wireless sensor network: multi-objective analysis based on hybrid meta-heuristic algorithm	Rani, Y. A., Reddy, E. S.	ECE	Journal of Reliable Intelligent Environments	2021	2199-4676	https://link.springer.com/article/10.1007/s40860-021-00159-w
Exergo-economic environmental analysis of organic Rankine cycle	Sharma, M.	ECE	Materials Today: Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.12.539

Design integration and analysis of nose dome for application of external pressure	Anil Kumar Reddy, C. Kasivaraprasada Rao, T. Joshi, M.	ECE	Materials Today:Proceedings	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.11.165
Application of Taguchi arrays using DOE for optimizing processing and understanding sputtered coated ZnO TFTs	D. Kumar, N. K. Misra, J. Kettle	ECE	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785321018630
Designing digital circuits using 3D nanomagnetic logic architectures	N.Kumar, S. Misra,	ECE	Journal of Computational Electronics	2021	1572-8137	https://link.springer.com/article/10.1007/s10825-020-01647-7
Nanotechnology-Based Sensitive Biosensors for COVID-19 Prediction Using Fuzzy Logic Control	Bachanna, P.	ECE	Journal of Nanomaterials	2021	1687-4110	https://www.hindawi.com/journals/jnm/2022/9870753/
A novel energy-efficient clustering protocol in wireless sensor network: multi-objective analysis based on hybrid meta-heuristic algorithm	Rani, Y.A.	CSE	Journal of Reliable Intelligent Environments	2021	2199-4676	https://link.springer.com/article/10.1007/s40860-021-00159-w
A systematic review on the identification and diagnosis of clinical characteristics of covid-19 patients	Phogat, P. Chaudhary, R.	CSE	CEUR Workshop Proceedings	2021	1613-0073	http://ceur-ws.org/Vol-2786/Paper49.pdf
CURE: An effective covid-19 remedies based on machine learning prediction models	Phogat, P. Chaudhary, R.	CSE	CEUR Workshop Proceedings	2021	1613-0073	http://ceur-ws.org/Vol-2786/Paper50.pdf
Terahertz IMPATT Sources Based on Silicon Carbide	Mukhopadhyay, S.J. Kanungo, S. Maheshwari, V. Mitra, M.	ECE	Lecture Notes in Electrical Engineering	2021	1876-1119	https://link.springer.com/chapter/10.1007/978-981-33-4489-1_5
Gain enhancement by utilizing hexagonal reflector based optimized textile antenna	Vatti, R.A. Arthi, B. Kumar, P. Prabha, R.	ECE	Journal of Ambient Intelligence and Humanized Computing	2021	1868-5137	https://link.springer.com/article/10.1007/s12652-020-02863-6

Use of Chemical Scrubbing Method to Minimise the Pollutants	Singh, J. Popli, D. Nailwal, H. Himanshu	ME	Lecture Notes in Mechanical Engineering	2021	2195-4364	https://link.springer.com/chapter/10.1007/978-981-15-5996-9_43
Customer support chatbot using machine learning	Madana Mohana, R. Pitty, N. Lalitha Surya Kumari, P.	CSE	Advances in Intelligent Systems and Computing	2021	2194-5365	https://link.springer.com/chapter/10.1007/978-981-15-5679-1_42
Polarization Reconfigurable Corner Truncated Square Microstrip Array Antenna	B. Merugu	ECE	IETE Journal of Research	2021	0377-2063	https://www.tandfonline.com/doi/abs/10.1080/03772063.2018.1557084?journalCode=tjlr20
Emission study of alcohol–biodiesel blends propelled diesel engine	Prakash, S.	ME	International Journal of Ambient Energy	2021	0143-0750	https://www.tandfonline.com/doi/abs/10.1080/01430750.2018.1542629?journalCode=taen20
Electrocardiogram estimation using Lagrange interpolation	Dr. Anil Kumar Sahu	ECE	Electronics Letters.	2020	Online ISSN 1350-911X Print ISSN 0013-5194	https://www.scopus.com/record/display.uri?eid=2-s2.0-85100199239&origin=resultslist&sort=plf-f&src=s&sid=2077b247dfcb2c918b9f9e6f04f15bc0&ot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=2077b247dfcb2c918b9f9e6f04f15bc0&relpos=86
Designing digital circuits using 3D nanomagnetic logic architectures	Dr. Neeraj Mishra	ECE	Journal of computational electronics, springer	2020	1572-8137	https://www.scopus.com/record/display.uri?eid=2-s2.0-85103535664&origin=resultslist&sort=plf-f&src=s&sid=2077b247dfcb2c918b9f9e6f04f15bc0&ot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=2077b247dfcb2c918b9f9e6f04f15bc0&relpos=83
Proximity-Coupled High Gain Graphene Patch Antenna using Holey Dielectric Superstrate for Terahertz Applications	Dr. Ritesh	ECE	Optik, Elsevier	2020	ISSN: 0030-4026	https://www.sciencedirect.com/science/article/abs/pii/S0030402621005027

Investigation and Design of Microstrip Patch Antenna employed on PCs Substrates in THz regime	Dr. Ritesh	ECE	Australian Journal of Electrical and Electronics Engineering	2020	ISSN: 2205-362X,	https://www.scopus.com/record/display.uri?eid=2-s2.0-85107778903&origin=resultslist&sort=plf-f&src=s&sid=48599bb89cb323713f1e4465afdbc3ba&sot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=48599bb89cb323713f1e4465afdbc3ba&relpos=98
A New Ken-Ken Puzzle Pattern Based Reconfiguration Technique for Maximum Power Extraction in Partial Shaded Solar PV Array	Balachandran Praveen Kumar	EEE	IEEE Access	2020	2169-3536	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105075209&origin=resultslist&sort=plf-f&src=s&sid=48599bb89cb323713f1e4465afdbc3ba&sot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=48599bb89cb323713f1e4465afdbc3ba&relpos=102
Intelligent Starting Current-Based Fault Identification of an Induction Motor Operating under Various Power Quality Issues	Balachandran Praveen Kumar	EEE	Energies	2020	1996-1073	https://www.scopus.com/record/display.uri?eid=2-s2.0-85105270352&origin=resultslist&sort=plf-f&src=s&sid=48599bb89cb323713f1e4465afdbc3ba&sot=b&sdt=b&s=AFFIL%28Bharat+Institute+of+Engineering+and+Technology%29&sl=53&sessionSearchId=48599bb89cb323713f1e4465afdbc3ba&relpos=101

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