

## Research Papers Published in Scopus Indexing / SCI / International Peer-Reviewed, Refereed, Indexed, Citation Open Access Journal

S. No	Title	Journal name	Scopus /UGC Approved Journal	Impact Factor	Year
1	Enhanced Cyberattack Detection in Wireless Sensor Networks Using Gradient Boosting Decision Tree <a href="https://ieeexplore.ieee.org/document/10872135">https://ieeexplore.ieee.org/document/10872135</a>	Wireless Sensor Networks (WSNs) IEEE Explore	SCI index & Scopus Journal		20 February 2025
2	Dual Band Proximity Coupled Rectangular Microstrip Antenna with Parasitic Element	International Journal of Recent Research and Review	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	7.6	Vol. XVII, Issue 1 March 2024
3	Gain Enhancement Methods for Multiband Microstrip Patch Antennas: A Comprehensive Review	International Journal of Recent Research and Review	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	7.6	Vol. XVII, Issue 1, March 2024 ISSN 2277-8322
4	Exploring Electromagnetic Duality, Charges, Monopoles, and Topology: Theoretical Perspectives and Experimental Implications Introduction	International Journal of Scientific Research in Engineering and Management (IJSREM)	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	SJIF Rating: 8.176	February 2024
5	Investigating Cutting- Edge and Novel Antenna Geometries for Graphene-Based Microstrip Nanopatch Antenna Performance Optimization at THz Frequencies	International Journal of Scientific Research in Engineering and Management (IJSREM)	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	SJIF Rating: 8.176	Nov - 2024
6	Comparative Investigation of Thermal, Mechanical, and Chemical Properties of Low-Density and High- Polyethylene	International Journal of Scientific Research in Engineering and Management (IJSREM)	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	SJIF Rating: 8.176	July - 2024
7	Surface Modified and Functionalized Graphene Oxide for Purification of Water: Review and Analysis	European Chemical Bulletin	Scopus Index Journal	3.23	February 2024

8	Graphene and Graphene Based Nanocomposites for Bio-Medical and Bio- safety Applications	Chemistry Select	SCI index & Scopus Journal	1.5	February 10, 2023
9	Graphene-based Composite Materials as Catalyst for Organic Transformation	Chemistry Select	SCI index & Scopus Journal	1.5	April 13, 2023
10	Novel Method for Detection of Stress in Employees using Hybrid Deep learning Models	IEEE Xplore	SCI index & Scopus Journal	1.7	01 August 2023
11	Balancing Cost and Performance in VLSI Systems Using Rmsprop Algorithm- Assisted Design Space Exploration	ICTACT Journal on Microelectronics	UGC Care listed	2.13	JULY 2023, VOLUME: 09, ISSUE: 02
12	Removal of Chromium Ion by Chemical Modified Kinnow Peel and Its Isotherm Study	European Chemical Bulletin	Scopus Index Journal	3.23	05.05.2023
13	Theory of Solar Cell (DSSC) Collection	Journal of Advances and Scholarly Research in Allied Education	UGC Care listed	5.16	Vol. 19, Issue No. 6, December 2023
14	Structural Characterization of Metal free Organic Dyes Sensitized Solar Cell (DSSC) theory for Harvesting System	Journal of Advances and Scholarly Researches in Allied Education	UGC Care listed	5.16	Volume 20, Issue No. 2, Apr 2023, Pages 159 - 165 (7)
15	A Research Study on Online Learning Platforms	Global Journal of Research in Education & Literature ISSN: 2583-2662	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	5.87	Volume 02   Issue 06   Nov.- Dec.   2022
16	Synthesis and Characterization of Nano-structured AB <sub>3</sub> O <sub>4</sub>	Global Journal of Research in Engineering & Computer Sciences	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	5.956	Volume 02   Issue 01   Jan- Feb   2022

17	Teacher as Reflective Practitioner	Galaxy International Interdisciplinary Research Journal ISSNO:2347- 6915	(International Peer Reviewed, Refereed, Indexed, Citation Open Access Journal)	8.346	Vol. 10, Issue 1, Jan. (2022)
18	Study of Mobile Communication	Galaxy International Interdisciplinary Research Journal ISSNO:2347- 6915	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	8.346	Vol. 10, Issue 1, Jan. (2022)
19	A Novel Dual Band Tree Shape Microstrip Patch Antenna for Bluetooth application	International Journal of Engineering Research and Generic Science ISSN: 2455-1597	Peer- Reviewed, Open-Access Journal	1.12	Volume - 8, Issue - 1, January - February 2022, Page No. 01 - 07
20	Improving Students Critical Thinking Creativity, Analytical Power & Scientific Temperament	Global Journal of Research in Education & Literature ISSN: 2583-2662	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	5.87	Volume 01   Issue 02   Sep- Oct   2021
21	Synthesis and Characterisation of Zirconium oxide	Global Journal of Research in Engineering & Computer Sciences	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	5.956	Volume 01   Issue 02   Nov- Dec   2021
22	Applications of Nanotechnology Wireless Sensor Networks	Journal of Nanomedicine & Nanotechnology Vol.12 Issue. 8 No: 573 ISSN: 2157-7439, London UK	(International Peer- Reviewed, Refereed, Indexed, Citation Open Access Journal)	2.10	19 August 2021
23	Review and Analysis of CNN Approach for Lung Cancer Detection and Classification Using Deep Learning	TEST Engineering & Management	Scopus Journal ISSN:0193-4120	-	Dec. 2020
24	Study of Nanotechnology and its Application	Journal of Physics & Optics Science	Peer- Reviewed, Open-Access Journal	-	13 March 2020

25	A Review on Cuprate Based Superconducting Materials	Advances in Nanoscience and Nanotechnology (USA) PubMed Journal	ISSN: 2640-5571	1.123	March 2019
26	Review of High Temperature Superconductors Application In Various Fields	Research & Development in Material Science Crimson Publishers (London) ISSN:2576-8840	Peer- Reviewed, Open-Access Journal	3.153	August 2018
27	Study of Nanomaterials	International Journal of Research (IJR) Journal ISSN: 2348-6848	UGC Approved	5.60	Volume 05 Issue 04 February 2018
28	The Effective Role of Practical Work & Theoretical Work in Teaching and Learning Physics at Graduate Level	International Journal of Research (IJR) Journal ISSN: 2348-6848	UGC Approved	5.60	Volume 05 Issue 12 April 2018
29	Study and Applications of LaserLight	Research Journal of Optics & Photonics (London)	Peer- Reviewed, Open Access Journal	0.10	June 2018
30	Study and Analysis of Bandwidth Enhancement In A CPW Fed Printed Monopole Antenna	International Journal Of Creative Research ISSN:2320-2882	UGC Approved Journal	5.97	March 2018
31	Theory of Antennas, Its Advantage & Applications Communication Systems	International Journal of Engineering Development And Research: 2321-9939	(International Peer- Reviewed, Refereed, Indexed, Citation Open-Access Journal)	7.37	2018
32	Study of Black Hole in Quantum	Journal of Emerging Technologies and Innovative Research (JETIR)	UGC Approved	7.95	March 2018, Volume 5, Issue

33	Study of Oxygen Isotope Effect in Pr, Ca, And Zn Doped Superconductivity Yba2cu3o7-Δ,	International Journal of Applied and Natural Sciences (IJANS)	UGC Approved	7.3883	Vol. 6, Issue 2, Feb - Mar 2017; 13-22
34	Study and Analysis of Calcium Substitution in Y0.8Pr0.2Ba2Cu3O7- Δ	International Journal of Research (IJR) Journal ISSN: 2348-6848	UGC Approved	5.60	Volume 04 Issue 10 September 2017
35	Study and Analysis of Bandwidth Enhancement using Z-U-T-S Shape Structures in an Integrated CPW Fed Printed Monopole Antenna	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	UGC Approved	6.887	Volume 5 Issue VII, July 2017
36	Review of Optical Fiber Communication	International Journal of Research (IJR) Journal ISSN: 2348-6848	UGC Approved	5.60	Volume 04 Issue 08 July 2017
37	Study of Microstrip Patch Antenna for Communication System	International Journal of Research (IJR) Journal ISSN: 2348-6848	UGC Approved	5.60	Volume 04 Issue 07 June 2017
38	Study of 4G Mobile Communication System	International Journal of Research (IJR) Journal ISSN: 2348-6848	UGC Approved	5.60	Volume 04 Issue 07 June 2017
39	Study of Wind Turbines	International Journal of Advanced Research in Science, Engineering and Technology	UGC Approved	6.646	Vol. 3, Issue 4, April 2016
40	Recent Developments of High Temperature Superconductivity	International Journal of Engineering Research-Online	UGC Approved	5.8	Vol 3, Issue 2, 2015
42	Study and Behaviour of magnetic Resonance and a narrow low-energy peak in pseudogap Cuprate perovskites	International Journal of Advances in Science and Technology ISSN: 2348-5426	UGC Approved Journal	1.016	March 2014

43	Study of Behaviour And Nature of Doping Holes In Under Doped And Overdoped Regimes Cuprate Perovskites	International Journal of Applied and Natural Sciences (IJANS)	UGC Approved	7.3883	Vol. 3, Issue 3, May 2014, 15-36
44	Study Of Zn Doping In Under Doped And Over Doped Regimes Cuprate Perovskites	International Journal of Applied and Natural Sciences (IJANS)	UGC Approved	7.3883	Vol. 3, Issue 5, Sep 2014, 1-8
45	An X-Ray Absorption Study of Dependence of Density of holeson Tc and or diamagnetic fraction of OXY Carbonate Super Conducting System Hg <sub>1-x</sub> , M <sub>x</sub> r <sub>4</sub> Cu <sub>2</sub> (Co <sub>3</sub> ) O <sub>6+δ</sub> (M=Mo, Cr)	Indian Journal of Solid State Communications, Elsevier	Scopus	1.804	June 2006