

Title of Paper	Name of the Author/s	Name of Journal	Year of Publication	ISSN Number
A study on learning capacity of students with reference to number of study hours in Vadodara City.	Deveshri Kulkarni	Think India	2019	0971-1260
An interplay between spacer nature and alkali chain length on aqueous micellar properties of cationic gemini surfactant: a multi technique approach.	Dr. Kushan Parikh	Journal of Molecular liquids	2019	1873-3166
Spacer nature and composition as a key factor for structural tailoring of anionic mixed gemini micelles: interaction and solubilization studies.	Dr. Kushan Parikh	Journal of Molecular liquids	2019	1873-3166
Improved photo stabilization of chlorpyrifos insecticides with novel benzene derivatives.	Dr. Gautam Patel	Chemical Methodologies 3	2019	2588-4344
Liquid phase exfoliation of two dimensional material for sensor and photocatalysis- a review.	Dr. Gautam Patel, Dr. Vineeta Pillai	Journal of Nano Science and Nanotechnology	2019	1533-4899
Understanding the morphology of MWCNT/PES mixed matrix membrane using SANS: interpretation & rejection performance	Mr. Pavan Karkare	Appl. Water Sci.	2019	2190-5495
Improving cytotoxicity by changing a linker from diphenyl ether and now to phenylene in binuclear dithiocarbamate complexes: synthesis and cytotoxicity studies	Dr. Vineeta Pillai	Chempub soc, Europe	2019	2751-4765
Writing skills of ESL learners at tertiary level: a probe into their needs	Ms. Amita Prabhin	LangLit	2019	2349-5189
TM 11 to HE 11 mode converter in overmoded circular corrugated waveguide.	Ms. Pujita Bhatt	IET Microwaves, Antennas & Propagation	2019	1751-8733
High power millimeter-wave TE03 to TM11 mode converters.	Ms. Pujita Bhatt	International Journal of Electronics	2019	1362-3060
Sensitivity analysis on predicted microwave performance of mode converters with geometrical tolerances for 42-GHz transmission line components	Ms. Pujita Bhatt	Fusion Science and Technology	2019	1536-1055

Millimeter wave □ TE ₁₀ to ○ TE ₀₁ mode transducer for electron cyclotron resonance heating applications	Ms. Pujita Bhatt	International Journal of RF and Microwave Computer-Aided Engineering	2019	1096-4290
Application of 6D BIM in designing of energy efficient building	Mr. Viraj Purohit	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
Impact of building orientation and lighting sensors on annual lighting load	Mr. Viraj Purohit	International Journal of Inovative Technology and Exploring Engineering	2020	2278-3075
Compressive strength study of green concrete by using ferrock	Kavita Singh	Multidisciplinary International Research Journal of Gujarat Technological University	2020	2581-8880
Design and development of modern electric bike	Dr. Anil M. Bisen	International Journal of Engineering Research and Technology	2020	2278-0181
Design & analysis of power press machine frame	Mr. Kalpesh Parekh	International Research Journal of Modernization In Engineering Technology And Science	2020	2582-5208
Development of iso-response curve for the blast resistant wall	Mr. Dhrumil Shah	International Journal of Engineering and Designing Innovation	2020	2582-0788

Design of earth tube heat exchanger	Mr. Jaiminkumar Bhatt	International Research Journal of Engineering and Technology (IRJET)	2020	2395-0056
Experimental and exergy analysis of a double pipe heat exchanger for counter flow arrangement	Mr. Parth Parekh	Journal of Engineering Research and Application	2020	2248-9622
Experimental analysis on solar water distillation by using water super heater to improve efficiency	Mr. Parth Parekh	International Research Journal of Modernization in Engineering Technology and Science	2020	2582-5208
Career trend: an educational website	Ms. Swati Saxena	International Journal of Computer Science and Mobile Computing, IJCSMC, Vol. 9, Issue. 4.	2020	2320-088X
Dark assistant: a raspberry pi based system for object detection and recognition for blind	Ms. Swati Saxena	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2020	2319-8753
Mooc: a brief history, relevance and implications for Indian higher education.	Ms. Amita Prabhin	LangLit	2020	2349-5189
NAS (network attached storage)	Ms. Swati Saxena	International Research Journal of Engineering and Technology (IRJET)	2020	2395-0056

Pandemic economics - decode the business impact part a: pandemic impact on global pharma supply chain Part b: coronised e-commerce in india	Dr Arpita Basak	International Journal of Creative Research Thoughts	2020	2320-2882
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Oversized circular corrugated waveguides operated at 42 GHz for ECRH application	Ms. Pujita Bhatt	Progress In Electromagnetics Research M	2020	1559-8985
TE01 mode miter bend for high power millimeter wave gyrotron transmission line system	Ms. Pujita Bhatt	International Journal of Advanced Science and Technology	2020	2207-6360
Sensor fusion: a review of methods	Kanaiya Bhatt Paresh Luhana	IJIRMF ("International Journal for Innovative Research in Multidisciplinary Fields)	2020	2455-0620
Comparative study of fabrication methods of metal matrix composites by powder metallurgy & stir casting methods	Ms. Neetu chaudhary	IRJMETS	2020	2582-5208
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		Engineering Technology		
Testosterone in the pathogenesis of tuberculosis	Ms. Parul Shrivastav	Chemical Biology Letters	2021	2347- 9825
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Impact of roof garden on annual building cooling load	Dhrumil J Shah	International Journal of Innovative research in Technology	2021	2349- 6002
A state of art review on the graphene and carbon nanotube reinforced nanocomposites , a molecular dynamics approach	Neetu Chaudhary	Materials Today: Proceedings	2021	2214- 7853
Quasi-Optic based He11 miter bend at 42 GHz for ECRH application	Ms. Pujita Bhatt	Progress In Electromagnetics Research	2021	1070- 4698
Study of electricity generation using renewable energy sources into pump storage based hydro energy system	Paresh P Luhana Sonal J Rane Kanaiya G Bhatt Mayur Chavda Krupa Gandhi	IEEE Xplore	2022	978-1- 6654- 3273-3
The new urban realism: study of selected novels by chetan bhagat	Dr Ushma Pandya	Towards Excellence	2022	0974- 035X

Contemporariness in selected novels of chetan bhagat	Dr Ushma Pandya	Mukt Shabd Journal	2022	2347-3150
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Molecular dynamic prediction of elastic modulus of h-bnns–reinforced al metal matrix nanocomposite	Neetu Chaudhary	Composites: Mechanics, Computations, Applications: An International Journal	2022	2152-2057
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