

PPSU FACULTY PUBLICATION: 2023-2024

School of Science- Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	DOI
1	Molecular insights into the aggregation and solubilizing behavior of biocompatible amphiphiles Gelucire® 48/16 and Tetronics® 1304 in aqueous media	Deep Bhalani, Hiral Kakkad, Jignasa Modh, Debes Ray, Vinod K. Aswal and Sadafara A. Pillai	Royal Society of Chemistry	Sep-23			DOI: 10.1039/d3ra04844f
2	Protein S nitrosylation in plants under biotic stress	Farhin Machchhu and Aakanksha Wany	Theoretical and Experimental Plant Physiology, Springer Nature	October, 2023			https://doi.org/10.1007/s40626-023-00289-x
3	Advanced Bioremediation Strategies for Organophosphorus Compounds	Dr. Anish Kumar Sharma and Dr. Jyotsana Pandit	Microbiology and Biotechnology Letters	Nov. 2024	51- 4	2234-7305	https://doi.org/10.48022/mbl.2308.08011
4	MicroRNAs: An Important Signature Molecule to Improve Health and Welfare in Livestock: A Review	V. Khandelwal, T. Sharma, P. Choudhary, S. Gupta, J.S. Sohal, M. Jain, Y.S. Malik	Indian Journal of Animal Research	58(2024)	2	0976-0555	10.18805/IJAR.B-5231
5	Hydrocarbons (C8–C12) separation in porous metal-organic frameworks (MOFs) (M = Cu, Ag, Au): From computational insight	Dr. Gopal Avasthi	Results in Physics (Elsevier)	Sep. 2024		2211-3797	10.1016/j.rinp.2023.107016
6	Sediment-associated microplastics in Chilika Lake, India: Highlighting their prevalence, polymer types, possible sources, and ecological risks.	Dusmant Maharana	Science of the Total Environment	914	Jan. 24	0048-9697	https://doi.org/10.1016/j.scitotenv.2023.169707
7	Geospatial evaluation of normalized difference vegetation index (NDVI) and urban heat island: a spatio-temporal study of Gandhinagar City, Gujarat, India	Timsi Modi	Geomatics, Natural Hazards and Risk	15,	1, 2024	1947-5713	https://www.tandfonline.com/toc/tgnh20/15/1?nav=toCList
8	Synergistic Self-Assembly in a Surface-Active Ionic Liquid and an Anionic Surfactant Mixed System: A Comprehensive Physicochemical Analysis	Tanzila Pathan, Mayur Girase, Kinal Patel, Sadafara A. Pillai, Sabir Pathan, Pareesh Parekh, Ketan Kuperkar, and	Industrial & Engineering Chemistry Research	2024	May		https://pubs.acs.org/doi/10.1021/acs.iecr.4c00668
9	Synthesis and characterization of various organic fluorescent and thermally stable polyesters with s-triazine frame and bulky side chain	Jignasa Modh & Sadafara A. Pillai	Current Science	125	10	0011-3891	https://www.currentscience.ac.in/Volumes/125/10/1078.pdf
10	A Simulation for PET Imaging using an Efficient Monte Carlo Method	N.N Deshmukh	Indian Journal of Natural Sciences	14,81	December, 2023	0976-0997	https://tnsroindia.org.in/JOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FRONT%20PAGE%2002.pdf
11	The Distribution Study of 36Cl (test-case) for PET using a Monte Carlo Technique	N.N Deshmukh	Indian Journal of Natural Sciences	14,80	October, 2023	0976-0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
12	A current perspective on polycyclic aromatic hydrocarbons contamination and their bioremediation aspects	Manisha Parmar, Ajay Patel, Payal Patel, Aditee Pandya and Haren Gosai	Environmental Earth Sciences	87:35:00	April, 2024	1866-6299	https://doi.org/10.1007/s12665-024-11582-6
13	MICROBIAL SPOILAGE OF FRUITS: DETRIMENTAL EFFECTS AND CONTROL STRATEGIES	Atodariya Mitalibahen, Aditee Pandya	International Journal of Research and Analytical Reviews (IJRAR)	Nov. 2024	Apr-24	2349-5138	www.ijrar.org
14	MICROBIAL CONTROL OF RAW MATERIALS USED IN PHARMACEUTICALS	Badat Almash, Aditee Pandya	International Journal of Research and Analytical Reviews (IJRAR)	Nov. 2024	Apr-24	2349-5138	www.ijrar.org
15	Engineering polyamide materials: s-triazine framework with specialized bulky side chains for advanced applications	Deep Bhalani, Sabir Khan Pathan, Jignasa V. Modh	Mongolian Journal of Chemistry	25(51)	May, 2024	2226-6739	https://doi.org/10.5564/mjc.v25i51.3121
16	Assessment of Callus Induction and Whole Plant Regeneration in Sub-tropical Maize (Zea mays L.) using Plumule as Explant	Sekhar Tiwari and Veena Pande	Centre for Advanced Research in Agricultural Sciences	15, 5	(Sep-Oct 2023)	2249-4538	http://rias.org/ViewIssue?IssueId=90
17	IN VITRO PREVENTION OF BROWNING IN INDIAN LABURNUM (Cassia fistula L.)	Sekhar Tiwari and Rajio Singh	Indian Journal of Agriculture and Allied Sciences	Sep. 2024	2023	2455-9709	https://www.ijaas.org.in/index.html

18	High-altitude and low-altitude adapted chicken gut-microbes have different functional diversity	Neha Rani Bhagat, Priyanka Chauhan, Pratibha Verma, Aradhana Mishra & Vijay K. Bharti	Scientific Reports	November	2023	2045-2322	https://doi.org/10.1038/s41598-023-48147-9
19	Bio Avengers: How do Endophytic Microorganisms Alter a Plant's Defense Mechanisms?	Priyanka Chauhan, Pratibha Verma, Aradhana Mishra	Journal of Plant Science and Phytopathology	February,	2024	2575-0135	https://doi.org/10.29328/journal.ipsp.1001123
20	Bacillus tequilensis influences metabolite production in tomato and restores soil microbial diversity during Fusarium oxysporum infection	Arpita Bhattacharya, Priyanka Chauhan, Satyendra Pratap Singh, Shiv Narayan, R. K. Bajpai, Ashish Dwivedi & Aradhana	Plant Biology, Wiley		2024	1435-8603	doi:10.1111/plb.13647
21	Pilot Scale Study on the Prevalence and Associated Risk Factors of Canine Distemper and Canine Parvovirus in Ahmedabad and Gandhinagar Cities of Gujarat, India	Mukta Jain	The Indian Veterinary Journal	101,3	March, 2024		https://epubs.icar.org.in/index.php/IVJ/article/view/150057
22	Advance and analytical tool assisted metabolomics study in plant: An Overview	Rajesh Kumar Jha, Aryaman Singh, Mahesh Kumar Saini, Sujeet Kumar Mritunjay	International Journal of Creative Research Thoughts (IJCRT)	Dec. 2024	2024	2320-2882	https://ijcrt.org/
23	Role Of The Skin Microbiome On Human Health: An Overview	Sujeet Kumar Mritunjay, Shruti Patel, Shailaja Mohanta, Rajesh Kumar Jha	International Journal of Creative Research Thoughts (IJCRT)	Dec. 2024	2024	2320-2883	https://ijcrt.org/
24	A Review on Recent Heterocycles as Anticancer Agents	Dr. Harsh Mehta	Journal For Basic Sciences	24, 7	Jul-05	1006-8341	https://fzgjckxb.com/volume-24-issue-7-2024/
25	Marine bioactive compounds and their potential antiviral properties	Siya Sheejin, Khyati Harkhani and Anish Kumar Sharma	Advances in Bioresearch	15 (1)	Jan-24	2277-1573	DOI: 10.15515/abr.0976-4585.15.1.366377
26	Impact of Urbanization on Ground Water Quality of Solan District of Himachal Pradesh	Jyotsana Pandit, Anish Kumar Sharma and S. K. Bhardwaj	Advances in Bioresearch	14 (6)	Nov-23	2277-1573	DOI: 10.15515/abr.0976-4585.14.6.352361
27	Advanced Bioremediation Strategies for Organophosphorus Compounds	Anish Kumar Sharma and Jyotsana Pandit	Microbiol. Biotechnol. Lett.	51(4),	Dec-23	2234-7305	http://dx.doi.org/10.48022/mbl.2308.08011
28	Recent Advances in the Microbial based biodegradation of Pesticides	Jaykumar Patel, Khyati Harkhani, Anish Kumar Sharma, Nisha Choudhary	Advances in Bioresearch	15 (1)	Jan-24	2277-1573	DOI: 10.15515/abr.0976-4585.15.1.358365
29	Alleviation of Drought Stress by Plant Growth-Promoting Rhizobacteria (PGPR) in Crop Plants: A Review	Khyati Harkhani & Anish Kumar Sharma	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS		Nov-23	1532-2416	https://doi.org/10.1080/00103624.2023.2276265
School of Science- Books/Books Chapter							
Sr.	Title of Books/ Chapter	Name of Authors	Name of Publisher	Year	ISBN		DOI
1	Metagenomics: A new Horizon for Bioremediation in 21st century: Functional Metagenomics Microbial Diversity, Interaction and application in Bioremediation.	Dr. H. K. Patel, Dr. Ridhi Makwana, Dr. Ashutosh Kumar	Academic Press, Elsevier	2023	978-0-323-98372-3		https://www.sciencedirect.com/science/article/abs/pii/S0978032398372300006X?via%3Dihub
2	Molecular Studies and Metabolic Engineering of Phytohormones for Abiotic Stress Tolerance	Sekhar Tiwari and Ravi Rajwansi					DOI: 10.2174/9789815136562123010009
3	Developments in root omics in legume crops under drought stress: Developments in Applied Microbiology and Biotechnology	Anish Kumar Sharma, Rajesh Kumar Jha, Khyati Harkhani, Jyotsana Pandit	ELSEVIER	2024	978-0-443-21625-1		https://doi.org/10.1016/B978-0-443-21625-1.00015-4
4	Developments in root omics in legume crops under drought stress: Current Omics Advancement in Plant Abiotic Stress Biology	Anish Kumar Sharma, Rajesh Kumar Jha, Jyotsana Pandit	Elsevier	2024	978-0-443-21625-1		https://doi.org/10.1016/C2022-0-03108-1
School of Science - Patent							
Sr.	Title of Research Paper	Name of Authors	Patent Number	Date of Publication	Issue	ISSN	DOI
1	Plant growth Detection device	Kalaivani Thiagarajan, Dr. Vandana Singh, Dr. Reena Singh, Dr. Biplab Kumar Singh, Dr. Sekhar Tiwari	Design number: 6319529, UK Design	Oct. 2023			
2	Digital PH Meter	Dr Sekhar Tiwari, Dr. Biplab Kumar Sarkar, Dr. Reena Singh, Mr. Pawan Singh,	Design number: 6308356, UK Design	Sep. 2023			
School of Agriculture- Research Paper							

1	Current approaches toward the removal of methylene blue dye from synthetic textile effluent using bacterial treated agricultural waste absorbent through statistical design.	Ms. Binal Y. Patel and Dr. Hiren K Patel	Heliyon	Sep. 2023	9,	2405-8440	https://pubmed.ncbi.nlm.nih.gov/37809607/
2	The significance of soil enzymes in carbon sequestration	Mr. Dhruv Haldaria and Dr. Hiren K Patel	Indian Journal of Natural Sciences	Oct. 2023	14, 80	0976-0997	https://tnsroindia.org.in/journals.html
3	Heterosis Studies for Yield and Yield Component Traits in Sunflower (Helianthus Annuus L.)	Dr. Savan Patel	Journal of xidian University	18, 6	2024	1001-2400	Doi.10.37896/jxu.18.6/080
4	Genetic Variability, Heritability and genetic advance studies for yield components in Okra [Abelmoschus esculentus (L.) Moench	Dr. Shweta Sakariya	International Journal of Research in Agronomy	7, 6 ,2024	2024	2618-0618	DOI: 10.33545/2618060X.2024.v7.i6Sh.958
5	The Future of Farming with Advances in Biological Control Techniques for Crop Health	Akanand a, Krishnamoorthi, Pavan K. Patel, Sonal Kumar, Chirag V khambhu , Sapna, Vijay Kumar and Hariharan Selyam	Microbiology Research Journal International	34, 7	2024	2231-0886	DOI: https://doi.org/10.9734/mrji/2024/v34i71461
School of Agriculture- Book/Book Chapter							
Sr.	Title of Book Chapter/ Book	Name of Authors	Name of Publisher	Year	ISBN		DOI
1	Introduction of Minor Fruit Crops: Minor Fruit Crops an inclusive study	Dr. Savan Patel, Dr. Shweta Sakariya	Walnut Publication	2024	978-93-5911-677-8		
2	Seed Production of Vegetable, Tuber and Spice Crops	Dr. Savan Patel	Elite Publication House	2024	978-93-58992-78-6		
3	Photosynthesis: Mechanism and Significance- Fundamentals of Botany	Dr. Shweta Sakariya	N D Global Publication House	2023	978-81-19651-74-0		
4	Horticultural Innovations in Sustainable Agriculture: New Horizons in Horticulture Revolutionizing Agricultural Practices	Dr. Shweta Sakariya	Elite Publication House	2023	978-93-58991-13-0		
5	Maximizing Crop Yield with Precision Agriculture: Recent Trends in Agriculture Vol. IV	Dr. Shweta Sakariya	B S Global Publication House	2023	978-8196-4973-1-6		
6	Vertical Farming : Recent Trends in Agriculture Vol. IV	Dr. Shweta Sakariya	B S Global Publication House	2023	978-8196-4973-1-6		
7	Regenerative Agriculture: Recent Trends in Agriculture Vol. IV	Dr. Shweta Sakariya	B S Global Publication House	2023	978-8196-4973-1-6		
8	Financial Technology Solutions for Agriculture Sector: Recent Trends in Agriculture Vol. IV	Dr. Shweta Sakariya	B S Global Publication House	2023	978-8196-4973-1-6		
9	Hydroponics: Recent Trends in Agriculture Vol. IV	Dr. Shweta Sakariya	B S Global Publication House	2023	978-8196-4973-1-6		
10	An Insight into Functional Metagenomics Profiling of Different Ecosystems : Microbiome Research in Plants and Soil Microbiome Drivers of Ecosystem Function	Dr. Sonal Vaja	Academec Press Elsevier	2024	978-0-443-19121-3		
11	Nematode Identification and Characterization Techniques : Recent Advances in Plant Nematology	Dr. Sonal Vaja	Kripa Drishti Publications	2024	978-81-19149-67-4		
12	Bio- Control pf Plant Parasitic Nematodes :Recent Advances in Plant Nematology	Dr. Sonal Vaja	Kripa Drishti Publications	2024	978-81-19149-67-4		
School of Engineering - Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	
1	Efficacious elimination of salts from a convoluted ethylene glycol-water solution employing nanofiltration membranes	Jigesh Mehta, D. S. Panwar, Deepak Kohli, Balraj Tudu,Vishal Shah, Jigna Patel, Hitesh Panchal, Ankit D. Oza,	ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS	45, 2023	4		https://doi.org/10.1080/15567036.2023.2259835
2	An Experimental Study: Use of Construction and Demolition Waste in Road Construction	Mr. Paresh Mistry and Ms. Subhrata Biswal	Indian Journal of Natural Sciences	Vol. 14 , Dec. 2023	81	0976 – 0997	https://tnsroindia.org.in/IJOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FULL%20TEXT%20PART%2002.pdf
3	IoT -Enabled Smart Cold Storage System Through Integration of ML and Cloud: An Approach	Abhijitsinh Parmar, Megha patel, Vivek Saliya	Indian Journal of Natural Sciences	Vol. 14 , Dec. 2023	81	0976 – 0997	https://tnsroindia.org.in/IJOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FULL%20TEXT%20PART%2002.pdf
4	A Philosophical Review on Artificial Intelligence to Achieve SustainableDevelopment Goal of Quality Education (SDG 4)	Meenakshi Kashyap, Manisha Sharma and Anand Sharma	Indian Journal of Natural Sciences	Vol. 14 , Dec. 2023	81	0976 – 0997	https://tnsroindia.org.in/IJOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FULL%20TEXT%20PART%2002.pdf

5	Mathematical Analysis and Non-Linear Optimization of EV Battery Health Using Fuzzy Logic and Neural Computing Techniques	Abhinav Kashyap	Communications on Applied Nonlinear Analysis	31, 2	2024	1074-133x	https://internationalpubls.com/index.php/cana/article/view/596
6	A Critical Review and Comparative Study of IS 1893: 2016 and IS 1893: 2023 (Part 1 and 2) with Practical Applications in Seismic Design	Isha Patel	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	11, 1	Jun-24	2349-6002	https://ijirt.org/Article?manuscript=165930
7	Advancements in Self - Compacting Geopolymer Concrete: A Comprehensive Overview	Nafisa D. Shaikh, Niraj D. Shah	Materials Today: Proceedings	93, 2023	October	2214-7853	https://doi.org/10.1016/j.matpr.2023.10.004
8	Artificial Intelligence in Healthcare IT	ROHIT KUMAR AWASTHI, SRIKANT SINGH, DHARMESH PURANI	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	11, 2024	1, Jun	2349-6002	https://ijirt.org/Article?manuscript=165441
9	Block chain and AI Integration for Plant Disease Detection: A Comprehensive Comparative Study and Research Gaps	Srikant Singh, Rohit Kumar Awasthi and P.Swati	Indian Journal of Natural Sciences	81, 2023	December	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FULL%20TEXT%20PART%2002.pdf
10	Analyzing Students Academic Performance Using Fuzzy Association Rule Mining	Priyankaben Vashi, Srikant Singh, Hiral Patel	International Journal of Advances in Engineering and Management (IJAFEM)	6, 2024	May 5,	2395-5252	https://www.ijaem.net/past-issue-volume.php?issueid=67&title=Volume%206%20,%20Issue%205.%20May%202024#
11	Renewable Energy in India: A Sustainable Path towards a Greener Future	Tanvi Bhavsar and Ami Deshmukh	Indian Journal of Natural Sciences	14,81	December, 2023	0976-0997	www.tnsroindia.org.in ©IJONS
12	Optimizing Urban Traffic Flow with Graph Theory-based Light Scheduling	Tushar Mandanaka and Hiren Lekhadiya	Indian Journal of Natural Sciences	14,81	December, 2023	0976-0997	www.tnsroindia.org.in ©IJONS
13	Assessment of the Impact of Geospatial Sensitivity on Meteorological Parameters at Ahmedabad, India, using the WRF Model	Hiren S. Lekhadiya and Ravi R. Dhandhukiya	Indian Journal of Natural Sciences	14,79	Aug, 2023	0976-0997	www.tnsroindia.org.in ©IJONS
14	Summarization of the Statistical Data for Product of iPhone Apple Company's Annual Selling Data by the Regions between 2015 to 2022 (Millions) using Box Plot.	Ravi Dhandhukiya and Reema Sorathiya	Indian Journal of Natural Sciences	14,80	October, 2023	0976-0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
15	Elemental Influence on Oxidation Behaviour of Cantor-Based and Refractory High Entropy Alloys: a Critical Review	Ranjit Kumar Dehury, Rahul Kumar, Yogesh G. Joshi, Vinit Gupta	Advanced Engineering Materials	26 (2024)	11	1438-1656	10.1002/adem.202302124
16	Bending analysis of a porous functionally graded sandwich plate with a hole resting on an elastic foundation	Rahul Kumar, Achchhe Lal, BM Sutaria, Ranjit Kumar Dehury, Yogesh G Joshi, Vinit S Gupta	Acta Mechanica			1619-6937	10.1007/s00707-024-03989-w
17	Synthesis, characterization and thermophysical properties of PAG-Amine functionalized graphene quantum dots based nanosuspension	Yogesh G Joshi, Vinit Gupta, Ranjit Kumar Dehury, Mahelaqua A Haque, Rahul Kumar, Abira Rashid	Materials Letters	369 (2024)		1873-4979	10.1016/j.matlet.2024.136718
18	Experimental investigation of wetting characteristics in Cu-In alloy	P. Tiwari, R.K. Dehury, V. Gupta, R. Kumar, Y.G. Joshi	Materials Letters	362 (2024)		1873-4979	https://doi.org/10.1016/j.matlet.2024.136178
19	Synthesis and performance investigation of novel graphene nanoplatelets-based nanosuspension in PAG and MO refrigeration lubricants	Y.G Joshi, D. Zanwar, V. Gupta, P.N. Dhandale, A. Patil, A. Kudawale	Materials Today: Proceedings	2023		2214-7853	10.1016/j.matpr.2023.08.167
20	Flow boiling heat transfer and thermophysical characteristics of graphene-POE-R134a based nanorefrigerant	Y.G Joshi, V. Gupta, R. Deshmukh, K. Khelkar, A. Kolhe, A. Bhojar	Materials Today: Proceedings	2023		2214-7853	10.1016/j.matpr.2023.08.054
21	Thermo-mechanical fracture analysis of porous functionally graded cracked plate using XFEM	Rahul Kumar, Achchhe Lal, B. M. Sutaria & Ashok Magar	Mechanics Based Design of Structures and Machines An International Journal		Feb. 2024		https://doi.org/10.1080/15397734.2024.2312175
22	Growth of dual-phase high entropy alloy films using thermal vapor deposition	Ranjit Kumar Dehury, Abhay Gautam, Rakesh Behera, Abira Rashid, Rudheer Bapat, Manas Paliwal	Materials Characterization	212, 2024	Jun	1044-5803	https://doi.org/10.1016/j.matchar.2024.113998
23	Artificial intelligence-assisted characterization and optimization of red mud-based nanofluids for high-efficiency direct solar thermal absorption	Rohit Khedkar	Case Studies in Thermal Engineering	54, 2024	January, 2024	2214-157X	https://doi.org/10.1016/j.csite.2024.104087

24	VALORIZATION OF WASTE FRUIT PEELS: A COMPUTATIONAL STUDY ON PREDICTION OF GASIFICATION PRODUCT COMPOSITION	R.S. Khedkar, R.D. Khonde, P. Meshram	ChemChemTech.	V. 67	6, 2024	0579-2991	https://www.researchgate.net/publication/381903241_VALORIZATION_OF_WASTE_FRUIT_PEELS_A_COMPUTATIONAL_STUDY_ON_PREDICTION_OF_GASIFICATION_PRODUCT_COMPOSITION
25	Enhanced fuel Properties with Active Alumina and Copper Oxide Nanoparticles	Rohit Sunil Khedkar, Priti Bansod, Prashnat Giri, Kailash L. Wasewar and Ruta Khonde	Indian Journal of Natural Sciences	14	81,Dec, 2023	0976 – 0997	www.tnsroindia.org.in @IJONS
26	PARAMETRIC STUDY OF DETERIORATION OF PRESERVATIVES IN SOFT DRINK	R.S. Khedkar	ChemChemTech	66	10, 2023	0579-2991	DOI: 10.6060/ivkkt.20236610.6921.
27	Analytical Modelling and Performance Characterization of Single Electron Transistor	Ashok D. Vidhate, Shruti Suman	Journal of Electrical Systems	20 (2024)	3s	1112- 5209	https://doi.org/10.52783/jes.1266
28	Analytical Modelling and Performance Characterization of Hybrid SET-MOS	Ashok D. Vidhate, Shruti Suman	Journal of Electrical Systems	20 (2024)	3s	1112- 5209	https://doi.org/10.52783/jes.1272
29	Monitoring and Detecting Plant Diseases Using Cloud-Based Internet of Things	Sasidhar Attuluri, Shruti Suman , Doddi Srilatha, Vinay Avasthi, Reecha Singh	Journal of Electrical Systems	20 (2024)	3s	1112- 5209	https://doi.org/10.52783/jes.1268
30	Optimization of Flame Temperature by Taguchi Method for Lean Premixed Pre vapourized Micro Gas Turbine Combustion Chamber	Amir D Patel and Hardik Majiwala	Indian Journal of Natural Sciences	14, 81	Dec-23	0976 – 0997	www.tnsroindia.org.in @IJONS
31	A Critical Insight and Evaluation of AI Models for Predictive Maintenance under Industry 4.0	Tasneem Kagzi	2024 IEEE International Students' Conference on Electrical, Electronics and Computer Science	Jun, 2024			https://www.researchgate.net/publication/379516619_A_Critical_Insight_and_Evaluation_of_AI_Models_for_Predictive_Maintenance_under_Industry_40
32	A Novel Proposal for a Predictive AI Model to Achieve Optimum Maintenance Cycle of Industrial Machineris	Tasneem Kagzi	Indian Journal of Natural Sciences	14, 80	Oct-23	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
33	Natural Language Processing: A Survey and Classification	Dipali K Chauhan and Khushbu R Chauhan	Indian Journal of Natural Sciences	14, 80	Oct-23	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
34	Performance Optimizer LTE Evaluation Algorithm for Hard Handover with Average RSRP Restraint	Barkha Makwana, Khushbu Chauhan and Deep Chothani	Indian Journal of Natural Sciences	14, 80	Oct-23	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
35	Efficacious elimination of salts from a convoluted ethylene glycol-water solution employing nanofiltration membranes	Jigesh Mehta, D. S. Panwar, Deepak Kohli, Balraj Tudu, Vishal Shah, Jigna Patel, Hitesh Panchal, Ankit Oza,	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis	45, 4	Oct, 2023		https://www.tandfonline.com/doi/full/10.1080/15567036.2023.2259835
36	Evaluation of Fouling Mechanism for High Pressure Nanofiltration Membranes using Flow Reversal and Pressure Pulsation Technique	Balraj Tudu, Jigesh Mehta , Anand Metre, Mathurkumar S Bhakhar, Deepak Kohli, Deepaksingh Panwar, Vishal Shah, Ankit Oza, Hitesh Panchal and Kiran S. Bhole	Indian Journal of Natural Sciences	14, 81,	Dec, 2023	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FULL%20TEXT%20PART%2002.pdf
37	Recycling used Hydrochloric Acid to Create Aluminum Chloride from Bauxite	Vishalkumar U Shah, Pratima Gajbhiye, Jigesh Mehta, Deepak Kohli, Deepak Singh Panwar, Balraj Krishnan Tudu and Jigna Patel	Indian Journal of Natural Sciences	14, 80	Oct-23	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
38	Full Factorial (32) Design Approach for Modelling and Analysis of the Physicochemical Properties of Poly Vinyl Alcohol/Barley Husk based Composite Films	Deepak Kohli, Sangeeta Garg, A K Jana, D S Panwar, B K Tudu, Jigna Patel, Vishalkumar U Shah and Jigesh Mehta	Indian Journal of Natural Sciences	14, 80	Oct-23	0976 – 0997	https://tnsroindia.org.in/JOURNAL/issue80/ISSUE%2080%20-%20OCTOBER%202023%20-%20FULL%20TEXT%2002.pdf
39	Utilizing Hydrodynamic Cavitation with Variable Orifice Patterns for Textile Wastewater Treatment	Vishalkumar U Shah and Jigesh Mehta	Tikrit Journal Of Engineering Sciences	31, 1	Jul-05	1813-162X	https://doi.org/10.25130/tjes.31.1.4
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Sr.	Title of Book Chapter/ Book	Name of Authors	Name of Publisher	Year	ISBN	DOI
1	An Introduction to Engineering Drawing Traditional and Computational Approaches	Dr. Rakesh Kumar	L ordine Nuovo Publication	2024	978-93-92995-90-3	
2	Noise & Vibration Issues in Metro Rail Transit System (MRTS)	Dr. Rakesh Kumar	CSIR- National Physical Laboratory and Metrology Society of India, New Delhi	2023	978-81-965564-0-2	
3	Product Pricing and Return Refund Strategy in two Layer Supply Chain	Abhijit Barman, Hiren Lakhadiya and Tushar Mandanaka	AIP Conference Proceedings	Dec-23	978-0-7354-4790-5	

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2	Adjustable Rotavator Chassis Welding Fixture	Mr. Amit Dodiya, Mr. Chirag Desai , Dr. Rakesh Kumar, Dr. Parag Sanghani, Dr.	PATENT	24-11-2023		
3	Portable Hydroponic System	Yogesh G. Joshi, Vinit Gupta, Nikhil Shrikhande, Pranav Dhongde, Amit	PATENT NO- 394360-001	02-09-2023		
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6	Portable Solar - Powered Water Purifier	Dr. Deeapl Kohli, Dr. Deepak Singh Panwar, Dr. Balraj Krishnan Tudu	Design No. 395516-001	20-09-2023		
7	Sea Water Desalination Apparatus Using Solar Energy	Dr. Deeapl Kohli	Design No. 413600-001	15-04-2024		
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10	Robotic Hand	Kaushal Singh, Jigesh Mahta, Barkha Wadhvani, Sneha Saini, Twisha Patel,	Design No. 398203-001	21-10-223		
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12	AI-POWERED SUNSIEVE TO OPTIMIZE SOLAR ENERGY FOR ECOFRIENDLY DRYING SOLUTIONS	Ms. Barkha Wadhvani, Dr. Nibedita Das, Mr. Jigesh Mehta, Dr.	Design number: 6326188, UK Design	23-11-2023		
13	Biogas Reactor for Methene Production	Jigesh Mehta	Indian Patent 386588-001	07-08-2023		
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16	OptiDry: A Paradigm Shift in Banana Drying Technology	Jigesh Mehta	DE 20 2023 105 961 U1 2024.03.07	31-01-2024		
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18	Agricultural Drone for weed Detection and Control	Barkha Wadhavani	Design number: 63336103 UK Design	02-01-2024		
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20	Adjustable Rotavator Chassis Frame Welding	Dr. Chirag Desai	Patent No: 393518-001	24-08-2023		
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School of Pharmacy - Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	DOI
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School of Nursing- Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	
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13	Effectiveness of Educational Resources on the Prevention of Sickle Cell Anemia in Teenage Females	Blessi Martuise M and Ms. Jannet Reena Purani	Journal of Harbin Engineering University	Vol. 45	Issue 06 June 2024	1006-7043	https://harbinengineeringjournal.com/index.php/journal/article/view/3136/1968
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19	Artificial Intelligence (AI) in Nursing: Redefining Standards of Care in the Digital Era	Ms. Ravliya Urmila S. and Ms. Chisla Unnati P.	International Journal for Multidisciplinary Research (IJFMR)	Vol. 06	Issue 03 May June 2024	2582-2160	www.ijfmr.com •
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23	A STUDY TO ASSESS THE EFFECTIVENESS OF FOOT CARE PACKAGE ON KNOWLEDGE REGARDING PREVENTION OF FOOT ULCER AMONG DIABETIC PATIENTS ADMITTED AT SHRI VINOBA BHAVE CIVIL HOSPITAL, SILVASSA	Ms. Angel Patel and Mr. N Sriram	International Journal of Research and Analytical Reviews (IJRAR)	Volume 11	Issue 3, July 2024	2349-5138	https://IJRAR.org/track.php?r_id=293709
24	NAVIGATING PRECOCIOUS PUBERTY-THE NEW EMERGING CONCERN	Ms. Nisha Prasad	International Journal of Research and Analytical Reviews (IJRAR)	Volume 11	Issue 3, July 2024	2349-5138	http://www.ijrar.org/papers/IJRAR24C1068
25	Engaging Undergraduate Students in Prevention of Tumor Lysis Syndrome	Ms. Jannet Reena Purani and Ms. Blessi Martuise	Educational Administration: Theory and Practice	Vol. 30	Issue 7 2024	2148-2403	https://doi.org/10.53555/kuey.v30i7.6584
26	Assessment of the working experience among ASHA health workers	Vadivazhagan Alias Rathinam	International Journal Of Novel Research And Development	Volume 09	Issue 6 June 2024	2456-4184	https://ijnrd.org/papers/IJNRD2406466.pdf
27	ASSOCIATION OF SMOKING & PARENTAL INFLUENCE INFLUENCES ON ADOLESCENT- A Literature Review	MR. SMITH KHRISTY	International Journal of Research and Analytical Reviews (IJRAR)	Volume 11	Issue 3, July 2024	2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR24C1228
28	EFFECTIVENESS OF EDUCATIONAL RESOURCES ON KNOWLEDGE REGARDING SPECIFIC LEARNING DISABILITY AMONG SELECTED PRIMARY SCHOOL TEACHERS. (2024)	Dr. Sateesh Biradar, Ms. Tanveerakhatun A Pathan	International Journal of Innovation Studies,	Volume 08	Issue 1, July 2024	2096-2487	https://ijstudies.com/index.php/ijis/article/view/129
School of Physiotherapy							

Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	
1	A Study to Find the Effect of Balance Enhancing Exercise Program on Pain and Quality of Life Among Elderly with Chronic Musculoskeletal Pain	Hari Babu K V, Neeta Vyas, Ashish Kakkad, Rahul Chhatlani	Bulletin of Environment, Pharmacology and Life Sciences	Vol 12 [11] October 2023	Issue 11	2277-1808	https://bepls.com/oct_2023/38.pdf
2	Exploring the Impact of Balance Enhancing Exercise Program on Balance and Risk of Falls in Elderly Patients with Chronic Musculoskeletal Pain	Hari Babu K V,, Neeta Vyas, Ashish Kakkad,	Advances in Bioresearch	Vol 15 (1) January 2024	Issue 01	0976-4585	10.15515/abr.0976-4585.15.1.165170
3	Correlation Between Trunk Control and Gross Motor Function in Sitting among Children with Unilateral Spastic Cerebral Palsy: An Observational Study	Dr. Ekta Mehta and Dr. Asha Tatipamu	International Journal of Science and Research (IJSR)	Volume 12	Issue 5, May 2023	2319-7064	https://www.ijsr.net/getabstract.php?paperid=SR24621145826
4	Prevalence of Work - Related Musculoskeletal Disorders & its Associated Postural Factors among Professional Kitchen Workers: A Cross-Sectional Study	Dr Ashish Mathur, Dr Vrunda Makwana, Tasnim Patel, Ashiya Patel, Khushi Balar, Krishna Gohil, Vanshi Raval, Janvi Sutariya	International Journal of Science and Research (IJSR)	Volume 12	Issue 6, July 2024	2319-7064	https://www.ijsr.net/getabstract.php?paperid=SR24624122003
5	Knowledge And Awareness of Pilates in Post Operative Breast Cancer Rehabilitation Among Physiotherapists of Surat District - A Cross-Sectional Survey Study	Dr Mona Patel, Dr Vrunda Makwana, Dr Tithi Kikani, Dr Bhakti Bhuva	International Journal of Health Sciences and Research	Volume 14	Issue 7, July 2024	2249-9571	DOI: https://doi.org/10.52403/ijhsr.20240702
6	Immediate Effects of Muscle Energy Technique versus Myofascial Release Techniques on Hamstring Flexibility in Footballers: A Comparative Study	Dr. Anand Patel, Dr. Niyati Patel, Dr. Mona Patel	International Journal of Science and Research (IJSR)	Volume 12	Issue 6, July 2024	2319-7064	https://www.ijsr.net/getabstract.php?paperid=SR23703123353
7	A study of Knowledge, Attitude, Practice and Hospital Facilities Provided to Individuals with Positive Sickle Cell status in South Gujarat: A Cross-Sectional Study	Dr. Asha Tatipamu, Dr. Ekta Mehta, Mirali Patel, Mitali Patel	International Journal of Health Sciences and Research	Volume 14	Issue 7, July 2024	2249-9571	https://doi.org/10.52403/ijhsr.20240728
8	Prevalence of Work-Related Musculoskeletal Disorders and Its Association with Fatigue and Individual Factors Among Supermarket Grocery Workers: Cross-Sectional Study	Dr Vrunda Makwana, Dr Mona Patel , Prachi Patel, Yuti Patel , Daya Donga	International Journal of Health Sciences and Research	Volume 14	Issue 7, July 2024	2249-9571	https://doi.org/10.52403/ijhsr.20240704
9	Effect of Lumbar Position Sense on Lumbar Muscle Strength, Static versus Dynamic Balance and Functional Status in Children with Spastic Diplegic Cerebral Palsy: A Cross-Sectional Study	Dr Maria K. Sonasath, Dr Dhwanit S. Shah	International Journal of Health Sciences and Research	Volume 14	Issue 7, July 2024	2249-9571	https://doi.org/10.52403/ijhsr.20240703
School of Liberal Arts and Management Studies- Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	
1	Wearable Technology in the Workplace: Enhancing Employee Wellbeing and Organizational Performance	DR. TEJAL PATEL	International Journal of Research Publication and Reviews, Vol. 5,, March 2024	Vol 5	no 3	1564-1569	
	Does Political Skills Enhances Emotional Intelligence in Organization?"	Divyesh Patel, Dr. Tejal Patel, Dr. Parag Sanghani	International Conference - Best Paper	-	-	-	
2	An Empirical Study of Stress Level and Psychosomatic Complaints of Field Sales People in Pharmaceutical Sector	CS Ankit Shah,Dr. Ronak Mehta, Dr Jainish Bhagat,	European Economic Letters	Vol. 14	Issue 2, 2024	2323 - 5233	https://doi.org/10.52783/eel.v14i2.1605
3	A Study on Investor's Behaviour Towards Investing in the Indian Stock Market	CS Ankit Shah, Dr Jainish Bhagat and Ms. Tulsi Mangukiya	European Economic Letters	Vol. 14	Issue 2 2024	2323 - 5233	https://doi.org/10.52783/eel.v14i2.1604
4	Transforming Financial Management: The Impact of Artificial Intelligence	Ms. Nikita Daka, CS Ankit Shah, Ms. Kamini Solanki	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 11	Issue 6, June 2024	2349 - 5162	http://www.jetir.org/papers/JETIR2406760.pdf
5	An Analysis of Effect of General Election on Indian Stock Market	Mr Ramraj Malav, Ms Nirali Kantharia, Dr. Fatemabibi Abubaker	International Journal of Emerging Technologies and Innovative Research	Volume 11 (2024)	Issue 6	2349-5162	http://www.jetir.org/papers/JETIR2206792.pdf
6	Evaluating Student Satisfaction with University Facilities: A Comprehensive Study	Ms. Twinkle Nagar and Dr. Fatemabibi Abubaker Salehbbhai	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 11	Issue 06 June 2024	2349-5162	http://www.jetir.org/papers/JETIR2406759.pdf
7	Voices Of Resistance: A Qualitative Analysis Of Marginalized Women In Feminist Literature	RAHUL SHARMA	Educational Administration : Theory and Practice	30, 2024	5	2148-2403	https://doi.org/10.53555/kuey.v30i5.3202

8	Exploring the Literary Landscapes: A Journey through the Contrasting Realms of English Literature in the North and the South	Dr. Eeshani Sarswat, Dr Sudhakar Rajaram Ingole, Dr. Rudresh Pandey, Dr. Vinaya Kumari, Dr. Meera Kapoor, Dr. Anupam Sharma	Journal of Informatics Education and Research	Vol. 04	Issue 1 2024	1526-4726	http://ijer.org
9	Reconstructing Home In Ethno-Religious Conflict Of Diaspora: A Study Of Nadeem Aslam's Maps For Lost Lovers	Dr. Shrabanti Kundu AND Dr. Dhiraj Saha	Journal for Re Attach Therapy and Developmental Diversities	Vol. 06	Issue : 10s(2) Dec 2023	2589-7799	https://irtdd.com
10	Awareness, Preference, and Perception of Mobile Payment Systems Among Gen Z in Gujarat: An Analytical Study	Dr. Fatemabibi Abubaker Salehbhai	IPE Journal of Management	14	18	2249-9040	Awareness Preference and Perception of Mobile Payment Systems among Gen Z in By Dr Fatema.pdf
11	Exploring the Psychosocial Dynamics and Complexities of Performance Anxiety: A Comprehensive Review	Ms Nirali Kantharia and Dr Parag Sanghani	International journal of Research and analytical review	Volume 11, year 2024	2	2348-1269	http://www.ijar.org/papers/IJAR24B4527
12	A Tale of Two Literary Worlds: Contrasting the Literature of The North and The South in English Literature	Dr. Ananta Geetey Uppal, Dr. Subrata Deb, Dr. L Mayavan,, Parthiva Sinha	Journal of Informatics Education and Research	Vol. 03	Issue 2 (2023)	1526-4726	https://doi.org/10.52783/ijer.v3i2.496
13	Examining the Factors Shaping Electronic Word of Mouth: A Review of Literature	Ms. Sayyeda Jantiwala	International Journal of Research in Engineering, Science and Management	Vol. 07	Issue 06 June 2024	2581-5792	https://doi.org/10.5281/zenodo.12599257
14	Exploring Feminine Sensuality: A Comparative Analysis of Toni Morrison's 'The Bluest Eye' and 'Sula' with Alice Walker's 'Meridian'	Nisha Mehta and Prof. (Dr) Ananta Geetey Uppal	Educational Administration: Theory and Practice	Vol. 30	Issue 6 2024	2148-2403	https://doi.org/10.53555/kuey.v30i6.6142
15	Examining The Gujarati Translation Of "Waiting For Godot" Through The Lens Of Manipulation Theory: A Thorough Examination Of Culturally Influenced Word Translation	Priyanka Himesh Parekh, Prof. (Dr) Ananta Geetey Uppal	Educational Administration: Theory and Practice	Vol. 30	Issue 6 2024	2148-2403	https://doi.org/10.53555/kuey.v30i6.5531
16	Voices Of Resistance: A Qualitative Analysis Of Marginalized Women In Feminist Literature	Latha R 1, Prof. (Dr) Ananta Geetey Uppal 2 , Dr.T.Hymavathi3, Rahul Sharma4, Kavithamizh M5	Educational Administration: Theory and Practice	Vol. 30	Issue 6 2024	2148-2403	Doi:10.53555/kuey.v30i5.3202
17	Rewriting Black Women's Subjectivity in the Novels of Toni Morrison	Ms.Nisha V. Mehta and Dr. Ananta Geetey Uppal	INTERNATIONAL JOURNAL OF RESEARCH CULTURE SOCIETY	Vol.07	Issue 28, Aug 2023	2456 - 6683	DOIs:10.2017/IJRCS/ICGTELL-2023/44
18	Epic Elegance The Science of Mindful Dressing in India's Rich Cultural Canvas	Sumitkumar M. Vadher	International Journal of Research in Engineering, Science and Management	Vol. 07	Issue 06 June 2024	2581-5792	https://doi.org/10.5281/zenodo.12610903
19	PERSONALITY DEVELOPMENT AMONG COLLEGE STUDENTS: AN EXTENSIVE ANALYSIS	Ms. Praharsha Brahmhbhatta	International Journal of Creative Research Thoughts (IJCRT)	Vol. 12	Issue 07 July 2024	2320-2882	http://www.ijcr.org/papers/IJCRT2407090

SLM - Book-Books Chapter

No.	Title of Books/Chapter	Name of Books	Name of Books Chapter Authors	Name of Publisher	Year	ISBN
1	Key Highlights of NEP 2020 - First Author	Building a Knowledge Society: NEP-2020 and the Digital Transformation	CS Ankit Shah	EZ EDUCATION, Noida,	1st Ed. Jan 2024	978-93-91654-33-7
2	Data Analytics and Education - Second Author	Building a Knowledge Society: NEP-2020 and the Digital Transformation	CS Ankit Shah	EZ EDUCATION, Noida,	1st Ed. Jan 2024	978-93-91654-33-7
3	Social Media Tools - Second Author	Social Media in Education	CS Ankit Shah	EZ EDUCATION, Noida,	1st Ed Nov, 2023	978-93-91654-19-1
4	Banking Services and Customer Satisfaction – A Study Of Public And Private Sector Banks in Bharuch City - Second Author	Leading the Future: Progressive Approaches to Modern Management	Dr Jainish Bhagat	Empyreal Publishing House	Aug-23	978-93-93810-89-2

5	Industrial Scale Production,Commercialization, and Global Market of Functionalized Carbon Nanostructures - Second Author	Handbook of Functionalized Carbon Nanostructures: Industrial Scale Production, Commercialisation, and Global Market of Functionalized Carbon Nanostructures	Dr Jainish Bhagat	Springer Nature Switzerland AG 2024	May, 2024	978-3-031-14955-9	https://doi.org/10.1007/978-3-031-14955-9_75-1
6	Implementation Of Three Language Formula in Gujarat	No	Dr. Ananta Uppal	Book Rivers	2024	978-35-84292-3-7	
SLM - Books							
7	Building a Knowledge Society: NEP- 2020 and the Digital Transformation	Building a Knowledge Society: NEP-2020 and the Digital Transformation	CS Ankit Shah	EZ EDUCATION, Noida,	Jan-24	978-93-91654-33-7	
8	The Future of Financial Transactions: Exploring Commerce in the Digital Age	The Future of Financial Transactions: Exploring Commerce in the Digital Age	Dr Jainish Bhagat	Nex Gen Publications	June, 2024	978-81-19477-27-2	
9	Muhaan : A Book of Humanities & Social Sciences (Edited Book)	Muhaan : A Book of Humanities & Social Sciences (Edited Book)	Prof. (Dr) Ananta Geetey Uppal (Editor)	P P Savani University	Oct-23	978-81-965960-0-2	
SLM- PATENT							
Sr.	Title of Patent	Author	Publisher				
1	Impact of Outsourcing Decision on Material Availability	CS Ankit Shah -SLM Author No. of Five	INDIAN PATENT	Journal No. 51/2023 – date 22-12-2023			
2	Analysis of The Negative and Positive Consequences of Promoted Products in Beauty Products	CS Ankit Shah - SLM Author No. of Third	INDIAN PATENT	Journal No. 36/2023 date 08-09-2023			
3	ENGLISH LITERATURE SKILL TEACHING DEVICE	Dr. Priyanka Jibhau Bachhav 2. Prof. (Dr.) Ananta Geetey Uppal 3.Prof. (Dr) Subrata Deb 4.Prof Aparna Vajpayee 5.Dr. Tribhuwan Kumar 6.Prasanna Suresh Pai 7.Dr. Ankita Chaudhary.	INDIAN PATENT	Design No. : 400508-001,Published Date: 10/01/2024			
4	Environmental Regulation of Nucleus-Encoded RNA Processing Machinery: Implications For Cellular Homeostasis	Dr Jainish Bhagat SLM Author No. of Fourth	INDIAN PATENT	202441031169 Date : 26/04/2024			
5	Automated Deep Learning-Based Compliance Management System for Multinational Financial Transactions	Dr Jainish Bhagat SLM Author No. of Third	INDIAN PATENT	202441046427D ate : 16/06/2024			
School of Homeopathy- Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	DOI
1	The gentle touch: Homeopathy's answer to urticarial: A comprehensive case report	Dr. Yamini Soni, Dr. Hemangi Mahida, Dr. Urvashi Makwana, Dr. Kavita Bagdi, Dr. Rohan Parmar and Dhruvin Tanti	International Journal of Homoeopathic Sciences	2024	2	2616-4493	https://doi.org/10.33545/26164485.2024.v8.i2g.1173
2	Unlocking vitality: Homeopathic pathways to addressing B12 deficiency	Dr. Hemangi Mahida, Dr. Urvashi Makwana, Dr. Yamini Soni, Dr. Mahima Parmar and Dr. Rohan Parmar	International Journal of Homoeopathic Sciences	2024	2	2616-4493	https://doi.org/10.33545/26164485.2024.v8.i2f.1168
3	Utility of homoeopathic medicines in management of migraine	Dr. Urvashi Makwana, Dr. Yamini Soni, Dr. Hemangi Mahida, Dr.Mahima Parmar and Dr. Shraddha Patel	International Journal of Homoeopathic Sciences	2024	2	2616-4493	https://doi.org/10.33545/26164485.2024.v8.i2h.1181
4	A case of PCOS with ruptured ovarian cyst treated with a series of homoeopathic remedies	Dr. Nehal Suthar and Dr. Nitin Gandhi	International Journal of Homoeopathic Sciences - Google Scholar	Vol. 08	Issue 02 July 2023	2616-4486	https://doi.org/10.33545/26164485.2024.v8.i3b.1196

School of Homeopathy Book/ Books Chapter							
Sr.	Title of Books/ Chapter	Name of Authors	Name of Publisher	Edition/Year	Page	ISBN	
1	Current Advances in Community Science	Dr. Khushboo Gupta, Dr. Deepa Swamy, Prof. Sadhna Jain, Dr. Chetna Rochani (5th Editor), Dr. Richa Verma	Notion Press	2023	xxiv, 258	ISBN: 9798891860872	
2	Handbook on Inflammatory Bowel Disease (Volume 2) /ROLE OF NOSODES IN THE TREATMENT OF INFLAMMATORY BOWEL DISEASE & ITS DIETARY MANAGEMENT	Dr.Chetna Rochani, Dr.Vijaykumar Gopaldas Rajani	Hemakshee Publication	2024	59-72	978-81-969920-1-9	
3	Brain: Associations, Wellness & Treatment/Parkinson's disease and its homoeopathic treatment	Dr.Chetna Rochani	NOTION PRESS	2024	50-54	ISBN: 9798892336710	
4	Nurturing Bonds: A Holistic Guide to Breastfeeding Bliss/Need of Homoeopathic Remedies for Lactating Mothers	Dr.Chetna Rochani	Hemakshee Publication	2024	75-79	ISBN: 978-81-969920-3-3	
School of Architecture							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	DOI
1	An Alternative Strategy for Sustainability: Biomimicry	Ms. Ruchi Gandhi	International Journal of Creative Research Thoughts (IJCRT)	Volume 12	Issue 7 June 2024	2320-2882	http://ijcrt.org/viewfull.php?p_id=IJCRT2407393
Library - Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	DOI
1	Use of social media Platform by libraries to improve customer service	Dr. Paresh Ilasariya and Manjula Ilasariya	Journal of Emerging Technologies and Innovative Research	11(4)	April, 2024	2349-5162	http://www.jetir.org/papers/JETIR2404864.pdf
Library - Books Chapter							
No.	Title of Books Chapter/Book	Name of Books Chapter Authors	Name of Publisher	Edition/Year	Year	ISBN	
1	Kiranchandra Patel: Jivanvrutt ane Pradan (Guruvarya Kiranchandra Patel Saheb):Gujaratna Garva Granthalio ane Granthalayo (Kiranchandra Patel Abhivadan Granth)	Dr. Falguni Prajapati	Shree Kiranchandra Patel Abhivadan samiti, Gandhinagar	1st Aug 2023	August, 2023	0	
2	Gujarat na Garva Granthalaio: Jivanvrutt ane Pradan (Umedbhai Patel 1902-1980): Gujaratna Garva Granthalio ane Granthalayo(Kiranchandra Patel Abhivadan Granth)	Dr. Falguni Prajapati	Shree Kiranchandra Patel Abhivadan samiti, Gandhinagar	1st Aug 2023	August, 2023	0	