

SCHOOL OF SCIENCE							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	Interactions of Alkyltriphenyl Phosphonium based Ionic Liquids with block copolymer microstructures: A multitechnique study	Mr. Bijal Vyas, Dr. Sadafara A. Pillai, Mr. Debes Ray, Mr. Vinod K. Aswal, Mr. Mu-Rong Wang, Mr. Li-Jen Chen and Mr. Pratap Bahadur	Journal of Molecular Liquids	300	2020	0667-7322	1 to 9
2	Silica-immobilized ionic liquid Bransted acids, as highly effective heterogeneous catalysts for the isomerization of n-heptane and n-octane	Abhishek Dhar, Nadevala Siva Kumar, Mehul Khimani, Ahmed S. Al-Fatesh, Ahmed A. Ibrahim, Anis H. Fakeeha, Dr. Hiren Patel and Rohit L. Vekariya	Royal Society of Chemistry	April		DOI: 10.1039/d0ra00566h	
3	Morphological and opto-electrical studies of newly decorated nano organic-lead halide-based perovskites photovoltaics	Abhishek Dhar, Mehul Khimani, Rohit L. Vekariya	Journal of Sol-Gel Science and Technology	Sep-19			
4	Self-assembly of stimuli-responsive block copolymers in aqueous solutions: an overview	Mehul Khimani, Dr. Hiren Patel, Vijay Patel, Paresk Rishi, Rohit L. Vekariya	Polymer Bulletin	December, 2019		<a href="https://doi.org/10.1007/s00289-019-03046-w">https://doi.org/10.1007/s00289-019-03046-w</a>	15282-15292
5	Naturally occurring neem gum: An unprecedented green resource for bioelectrochemical flexible energy storage device	Abhishek Dhar, Nadevala Siva Kumar, Mehul Khimani, Ahmed S. Al-Fatesh, Ahmed A. Ibrahim, Anis H. Fakeeha, Poonam Bhadji, Rohit L. Vekariya	Wiley Energy Research	Aug-19			
6	Characterization and Application of mixed micellar assemblies of PEO-PPO star block copolymers for solubilization of hydrophobic anticancer drug and in vitro release	Dr. Sadafara A. Pillai, Dr. Anish Kumar Sharma, Sagar M. Desai, Ujjva Sheeth, Anis Bahadur, Debes Ray, Vinod K. Aswal, Sanjaya Kumar	Journal of Molecular Liquids	Jun 2020		0167-7322	1 to 9
7	In Silico Docking Studies of Antimalarial Drug Hydroxychloroquine to SARS-CoV Proteins :An Emerging Pandemic Worldwide	Piyanka H. Joshiakar, Rishve Kalaria, Dr. Hiren K. Patel	ChemRxiv	Jun-20		<a href="https://doi.org/10.26434/chemrxiv-20200604-01">doi.org/10.26434/chemrxiv-20200604-01</a>	
8	In-Silico Interaction of Hydroxychloroquine Drug with Various Proteins of Coronavirus (SARS-CoV-2): A Computational Approach to Combat COVID-19	Rishve Kalaria, Dr. Hiren K. Patel	ChemRxiv	Jun-20		<a href="https://doi.org/10.26434/chemrxiv-20200604-01">doi.org/10.26434/chemrxiv-20200604-01</a>	
9	Transcription Factor: A novel tool for Crop improvement Regulation of activity of transcription factor in plants	Dr. Hiren K. Patel, R. K. Kalaria	Knowledge Consortium of Gujarat Journal of Science	23	Nov-19	2320-0006	
10	SELECTING SUSTAINABLE TECHNOLOGIES FOR MUNICIPAL SOLID WASTE TREATMENT AND DISPOSAL: AN EXPERT BASED MCDM APPROACH	Manoj Govind Kharat, Shankar Murthy, Sheetal Jaisingh Kamble, Mukesh Govind Kharat	Journal of Solid Waste Technology and Management	46, 2020		1	
11	Bacteriassociatedwithmarine macroorganisms potential bioactive compounds	Aparna A. Singh   Anil K. Singh   Anuradha Nenurkar	Journal of Basic Microbiology	Jun, 2020		<a href="https://doi.org/10.1002/jbm.b.202002311">https://doi.org/10.1002/jbm.b.202002311</a>	
12	Influence of surfactant's polar head group charge on the self-assembly of three PEO-PPO-PEO triblock copolymers of widening hydrophobicity	Bijal Vyas, Dr. Sadafara A. Pillai, Pratap Bahadur	Journal of Molecular Liquids	2020	316	0167-7322	1 to 11
13	Why Science Students Need to Learn Liberal Arts?	Dr. Sangha Bijekar, Mr. Himanshu Khobragade	International Journal for Innovative Research (Multidisciplinary Field)	6, 2020		2455-0620	311 to 313
14	Plant Cer3 Evolution is Congruent with The Phylogeny of Plant Species	Dr. Archana Pal and Dr. Vishal Singh Negi	International Journal of Scientific and Technology Research	8, 11	2019	2277-8616	1473-1476
15	Insights into High Mobility group A (HMGA) Proteins from Poaceae Family: An in Silico approach for studying homology	Dr. Archana Pal, Mr. Ramesh Singh, Ms. Anupma Sharma, D. Vishal Singh Negi	Computational Biology and Chemistry	87	2020	1476-9271	1 to 11

List of Books						
No.	Title of Books/ Chapter	Name of Authors	Name of Publisher	Year	ISBN	Page
1	Nanotechnology: A Promising Tool for Bioremediation	Dr. Hiren K. Patel	Book Chapter, Elsevier	2020	978-0-12-821034-7	

SCHOOL OF ENGINEERING							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	Designing Punjabi Poetry Classifiers Using Machine Learning and Artificial Neural Networks	Dr. Jasleen Kaur, Mr. Jatinderkumar Sahni	IJAIT	3	2020	1683-3198	-
2	Post Quantum Security Enhancement Scheme in IoT Blockchain Framework	Bannishikha Banerjee, Dr. Ashish Jand, Dr. Niraj Shah, Ashokkumar Patel	G5 Science Journal	7, 2020	6, 2020	1869-9391	
3	Drying of Banana-Slice in Drying Temperature on drying Kinetics	Jigesh Mehta, Deepak Singh Panwar, Smit Ghardesia, Atik Chauhan, Virajsinh V. Atodariya, Bannishikha Banerjee, Anand Metre and Mathurkumar S Bhaskar	The Open Chemical Engineering Journal	14, 2020		1874-1231/20	3 to 8
4	Comparative Study of Energy efficiency Indoor Envelope Green Building Case Study, Gandhinagar-India	Ms. Payal S. Sheladia, Mr. Abhishek Sewwala	IJTIMES	05, 9	2019	2455-5286	54-59
5	A Novel Efficient Sphere Decoding with Reed-Solomon Code in MIMO Detection	Mr. Mitesh S Solanki, Ms. Shipri Gupta and Mr. Vinaykumar Singh	IJITEE	8, 9	2019	2278-3075	2915-2920
6	Piezometric Analysis for Salinity in Multi Aquifer System in Dharoi Command Area, Gujarat	Ms. Hema R. Parmar, Dr. Niraj Shah, Mr. Pradeep Majumdar	International Journal of Engineering and Advanced Technology (IJIEAT)	Vol. 8, 6	Aug, 2019	2249-8958	945-951
7	Analysis of Water level in multi Aquifers in dharoi Command Area, Gujarat, India	Ms. Hema R. Parmar, Dr. Niraj Shah, Mr. Pradeep Majumdar	Analysis of Water level in multi Aquifers in dharoi Command Area, Gujarat, India	Vol. 9, 2	Feb, 2020	2277-8616	6492-6499
8	Modelling of heat integrated reactive distillation column (I-HIDIC): Simulation studies of MTBE synthesis	Ms. Sofia Ahmed	Indian Journal of Chemical Technology	Vol. 27	May, 2020		210-218
9	Lean and Industry 4.0 Strive to Create Smart Factory Through Integration of Systems: An Exploratory Review	Hardik Majiwala, Suresh Sharma and Parikaj Gandhi	Advances in Intelligent Systems and Computing (AISC)			<a href="https://doi.org/10.1007/978-3-030-39875-0_20">https://doi.org/10.1007/978-3-030-39875-0_20</a>	184-195
10	Fabrication and Tensile Testing Of Jute and Flax Fiber Reinforced Composites Using VARTM Process	Chandresh B. Kumbhani, Harshit K. Dave, Himanshu V. Patel, Bijesh H. Patel	International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2019) IT Indore		2019		
11	Experimental and Simulation study on Tensile behavior of FDM printed parts	Brijesh H. Patel, Harshit K. Dave, Shilpesh R. rajpurohit, Chandresh B. Kumbhani	International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 2019) IT Indore		2019		
12	COREC: A Course Recommendation System Using Natural Language Processing Technique	Mr. Parth Dhameyia, Mr. Vatsal Mavani, Ms. Jasleen Kaur	International Journal of Data Mining and Emerging Technologies	10, 2020	May, 2020		25-28
13	Kavi: An Annotated corpus of punjabi poetry with emotion detection	Jatinderkumar R. Saini and Ms. Jasleen Kaur	Procedia computer science	167	May, 2020	1877-0509	1220-1229

SCHOOL OF ARCHITECTURE							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	Characterization and application of mixed micellar assemblies of PEO-PPO star block copolymers for solubilization of hydrophobic anticancer drug and in vitro release	Mr. Sagar Desai	Journal of Molecular Liquids Elsevier	313, 2020	1, Jun	113543	

SCHOOL OF NURSING							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	GARBH SANSKAR: AN OVERVIEW	Ms. Jannet reena Purani	International Journal of Research and Analytical Reviews (IJRAR)	07, 2020	May, 2020	2348-1269	299-301
2	COVID-19 PANDEMIC OUTBREAK: THE PREGNANCY CONCERNS	Ms. Kirjal Mishry	International Journal of Current Advanced Research	09, 2020	May, 2020	2319-6475	
3	A STUDY TO ASSESS THE EFFECTIVENESS OF SELF INSTRUCTIONAL MODULE AMONG MOTHERS ON IMPORTANCE OF OUTDOOR PHYSICAL ACTIVITY FOR CHILDREN 6-12 YEARS OF AGE IN SELECTED APARTMENTS	Mr. Chandrasekhara	International Journal of Research and Analytical Reviews (IJRAR)	7, 2020	March, 2020	2348-1269	786-788
4	A STUDY TO EVALUATE THE EFFECTIVENESS OF VIDEO ASSISTED TEACHING ON KNOWLEDGE REGARDING FIRST AID MANAGEMENT ON UNSELECTED HEALTH EMERGENCIES OF UNDER FIVE CHILDREN AMONG ANGANWADI WORKERS	Ms. Percis S	IETIR	7, 2020	May, 2020	2349-5162	
5	Well Balanced Diet among Mothers of Pre-Schooler	Mr. Sateesh Bridar, Dr. Parampal Kaur Cheema	Asian Journal of Nursing Education and Research	9, 2019	Oct-Dec, 2019	2231-1149	1 to 4
6	Iron Deficiency Anaemia and Intra-Partum Prevention among Primi-Antenatal	Ms. Ashwini Patil, Mr. Sateesh Bridar	International Journal of Nursing Education and Research	7, 2019	July-Sep, 2019	2347-8640	333-336

SCHOOL OF PHYSIOTHERAPY							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	A STUDY TO COMPARE THE EFFECT OF MULLIGAN MOBILIZATION ON NECK DISABILITY INDEX (NDI) AND RANGE OF MOTION (ROM) IN PATIENTS WITH MECHANICAL NECK PAIN: A RANDOMIZED CONTROL TRIAL	Dr. Ashish Mathur, Dr. Rahul Chhatralani, Dr. Payal Mehta	International Journal of Research and Analytical Reviews (IJRAR)	07, 2020	May-20	2348-1269 2349-5138	
2	A Study to Compare Modified Modified Ashworth Scale (Mmas) and Modified Tardieu Scale (Mts) with H-Reflex to Assess Plantarflexor Spasticity in Chronic Post-Stroke Patients- An Observational Study	Dr. Rahul Chhatralani,	Indian Journal of Physiotherapy and Occupational Therapy	14, 2020	Jan-March 2020	0	
3	A Study to Find Out the Effect of Extracorporeal Shock Wave Therapy for Chronic Musculoskeletal Conditions - A Systematic Review	Dr. Rahul Chhatralani	Indian Journal of Physiotherapy and Occupational Therapy	13, 2019	Oct-Dec, 2019	0973-5674	
4	A Study to Co-Relate the Foot Posture Index, HV/Ratio and Spatio-Gait Parameters in Post Stroke patients with Ankle Plantar Flexor Carpi Spasticity An Observational Study	Dr. Rahul Chhatralani	Indian Journal of Physiotherapy and Occupational Therapy	14, 2020	Jan-March 2020	0	
5	A Study to Find the Effect of Comprehensive Directed Breathing (CDB) on Exertional Dyspnea in Mild to Moderate Chronic Obstructive Pulmonary Disease (copd) Patients - An Interventional Study	Dr. Harbub K V, Dr. Kruti Desai	IJAR	07, 2020	July 2020	2348-1269 2349-5138	
6	INTER-RATER AND INTRA-RATER RELIABILITY OF POSTURAL ANALYSIS SOFTWARE (MATLAB 7.11 R2010B)	Dr. Bindesh D. Patel, Ms. Payal B. Rath, Mr. Nirav N. Viradya	International Journal of Physiotherapy and Research	8, 2020	March, 2020	2321-1822	3452-3456

SCHOOL OF LIBERAL ARTS AND MANAGEMENT STUDIES							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	Teleshopping Impulsive Buying Behaviour	Dr. Ashwin Santoki	Punakala (UGC Care Journal)	31, 2020	May-20	0971-2143	
2	MARKETING STRATEGIES DURING COVID-19	Dr. Ashwin Santoki	JOURNAL OF CRITICAL REVIEWS	7, 2020	2020	2394-5125	
3	An Empirical Study on Attitude Towards Mobile Advertising Among Millennial Generation in Surat City	Riddhish Joshi Ms. Sayyeda Jabnawa	IJRESM	02, 2019	9	2581-5792	98-104

SCHOOL OF DESIGN							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	Understanding reasons of Slow growth in Development of traditional Fibre Craft "NETTLE" Industry of Uttarakhand.	Mr. Abhishek Ganeshgud and Mr. Bhavin Patel	IJTR	02, 2019	9	2581-5792	23-27

Library							
No.	Title of Research Paper	Name of Authors	Name of Journal	Volume No (Year)	Issue	ISSN	Page
1	Library Automation and Present Era	Dr. Pooresh Ilasariya and Manjula Parmar	IMEJ	08, 2019	Aug, 2019	2277-4262	12 to 16
2	Library Services and Facilities of Sardar Krishnaraj Dargawada Agricultural University: A Study	Dr. Pooresh Ilasariya and Manjula Parmar	Online International Interdisciplinary Research Journal	09, 2019	Sep, 2019	2249-9598	65-71
3	Use of Information Technology By. M. Phil Students of Hemchandracharya North Gujarat University: a Comparative Study	Dr. Pooresh Ilasariya and Manjula Parmar	International Journal of Research	9, 2020	March, 2020	2236-6124	77-86