

PPSU FACULTY PUBLICATION: 2021-2022

School of Science- Research Paper							
Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	Page
1	Analysis of Certain Physico-Chemical Parameters of dye Industry Effluent Located in Ankleshwar GIDC, Gujarat, India.	Ms. Prablin Kaur Ghura, Dr. Aditee Pandya and Chintan Pandv	International Journal of Recent Scientific Research	12, 2021	10, octo.	0976-3031	43243-43246
2	Aggregation behaviour of star block copolymers T1304 and T1307 in the presence of toluene, phenol and methyl phenols: A DLS and SANS study	Chitralekha Chakrabarti , Dr. Sadafara A. Pillai , Debes Ray, Vinod K. Aswal , Sanjeev Kumar	Colloids and Surfaces A: Physicochemical and Engineering Aspects Elsevier	636, 2021	Dec-21	0927-7757	1- 9
3	Phase behaviour and characterization of micelles of graft copolymer Soluplus and non-ionic surfactant Solutol HS15: A detailed comparison in the presence of additives	Chitralekha Chakrabarti, Dr. Sadafara A. Pillai , Ketan Kuperkar, Debes Ray, Vinod K. Aswal, Pratap Bahadur	Journal of Molecular liquids (Elsevier)	349	2022	0167-7322	1-10
4	Application of Green Synthesized MMT/Ag Nanocomposite for Removal of Methylene Blue from Aqueous Solution	Virendrakumar Yadav	Water MDPI	2021	13		1-13
5	Advances in the Methods for the Synthesis of Carbon Dots and Their Emerging Applications	Virendrakumar Yadav	Polymers MDPI	2021	13		1 - 31
6	A new CuZr2S4/rGO and their reduced graphene oxide nanocomposites enhanced photocatalytic and antimicrobial activities	Virendrakumar Yadav	Chemical Physics Letters	2021	August	0009-2614	1- 7
7	Nanobioremediation: A sustainable approach towards the degradation of sodium dodecyl sulfate in the environment and simulated conditions	Virendrakumar Yadav	Journal of Basic Microbiology	2021	August		1-9
8	Characterization of fatty acids, Polysaccharides, Amino Acids, and Minerals in Marine Macroalga Chartomorpha crassa and Evaluation of Their Potentials in Skin Conmetics	Virendrakumar Yadav	Molecules MDPI	2021			1-20
9	Experimental and Computational Approaches for the Structural Study of Novel Ca-Rich Zeolites from Incense Stick Ash and Their Application for Wastewater Treatment	Virendrakumar Yadav	Adsorption Science & Technology (SAGE)	2021			1-12
10	Global Popularization of CuNiO2 and their rGO nanocomposite Loveabled to the photocatalytic properties of methylene blue	Virendrakumar Yadav	Environmental Research	2021	XXX		1-10
11	Influence of Precursor ions on the structural morphological and optical properties of ZnO nanostructure and cytotoxicity on murine NIH 3T3 cells	Virendrakumar Yadav	Institute of Chemistry Springer	2021	September		
12	Study of Photoluminescence and nonlinear optical behaviour of AgCu nanoparticles for nanophotonics	Virendrakumar Yadav	Nano-Structures & Nano -Objects	2021, 28	October		1-10
13	Extraction of Value - Added Minerals from Various Agricultural, Industrial and Domestic Wastes	Virendrakumar Yadav	Materials MDPI	2021	October		1-29
14	Cytotoxicity, Removal of Congo red dye in Aqueous Solution Using Synthesized Amorphous Iron Oxide Nanoparticles from Incense Sticks Ash Waste	Virendrakumar Yadav, Sweta Parimita Bera, Ms. Nisha Choudhary	Journal of Nanomaterials	2022		1687-4129	1-12
15	Modified 7-Chloro-11HIndeno[1,2-b]Quinoxaline Heterocyclic System for Biological Activities	Virendrakumar Yadav	Catalysts	2022	February		1-21
16	Utilization of Incense Stick Ash in Hydrometallurgy methods for Extracting Oxides of Fe, Al, Si and Ca	Virendrakumar Yadav	Materials MDPI	2022	March		1-21
17	Health and Environmental Risks of Incense Smoke: Mechanistic Insights and Cumulative Evidence	Virendrakumar Yadav, Nisha Chaudhary	Journal of Inflammation Research	2022	April		
18	Enhanced Plasmon Based Ag and Au Nanosystems and Their Improved Biomedical Impacts	Virendrakumar Yadav	Crystals MDPI	2022	April		1-17

19	2D Personality of Multifunctional Carbon Nitrides towards Enhanced Catalytic Performance in Energy Storage and Remediation	Virendrakumar Yadav	Applied Sciences	2022	April		1-16
20	New orchestrated of X-CuTiAp (ETA and DMA) nanospheres with enhanced photocatalytic and antimicrobial activities	Virendrakumar Yadav	Journal of Industrial and Engineering Chemistry	2022			1-17
21	New development and photocatalytic performance and antimicrobial activity of NH ₄ (VO ₂)(HPO ₄) nanosheets	Virendrakumar Yadav	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2022	276	1386-1425	1-7
22	Recent Advances in Synthesis and Degradation of Lignin and Lignin Nanoparticles and Their Emerging Applications in Nanotechnology	Virendrakumar Yadav, Sweta Parimita Bera, Ms. Nisha Choudhary	Materials MDPI	Jan, 2022		1996-1944	1-28
23	Recent Trends in Fascinating Applications of Nanotechnology in Allied Health Sciences	Virendrakumar Yadav	Crystals MDPI	2022			1-16
24	Recovery of iron nanominerals from sacred incense sticks ash waste collected from temples by wet and dry magnetic separation method	Virendrakumar Yadav, Nisha Chaudhary	Environmental Technology & Innovation	2022, 25			1-12
25	Combination of PGRs for Rapid and Enhanced Micropropagation of Tinospora Cordifolia	Shivani Dipakbhai Patel, Dr. Aditee Pandya	International Journal of Innovative Science and Research Technology	7, 2022	5	2456-2165	233-240
26	An Efficient Agrobacterium-mediated Genetic Transformation Using cry1F gene in Castor (Ricinus communis L.) for Protection Against lepidopteran Insects	Dr. Hiren K. Patel	Rom Bioelectron Lett.	27, 2022	1	2248-3942	3283-3291
27	Remediation of Azure A Dye from Aqueous Solution by Using Surface-Modified Coal Fly Ash Extracted Ferrospheres by Mineral Acids and Toxicity Assessment	Virendrakumar Yadav, Sweta Parimita Bera, Ms. Nisha Choudhary	Adsorption Science & Technology (SAGE)	2022	January	2048-4038	1-14
28	Emerging and advanced membrane technology for wastewater treatment: A review	Sweta Parimita Bera , Manoj Godhanita and Charmy Kothari	Journal of Basic Microbiology	2021	August	1521-4028	1-15
29	Microbial treatment of textile dye Teactive Red 3by a newly developed bacterial consortium	Maulin P. Shah and Sweta Parimita Bera	Nanotechnology for Environmental Engineering	2021	October	2365-6387	1-8
30	Influence of sodium salts on the phase and gelation behaviour of T1107 to be used as proposed polymer gel electrolyte	Chitralekha Chakrabarti, Chirag Mevada, Debes Ray, Vinod K. Aswal, Sadafara A. Pillai ,	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2022	jun online	0927-7757	1-11
31	Mycoremediation- A Powerful Planetary Healer	Pathan Saimah Anverkhan , Dr. Aditee Pandya	International Journal of All Research Education and Scientific Methods (IJARESME)	10, 2022	jun	2455-6211	1929 - 1941
32	Ecological footprint of Solan district, Himachal Pradesh, India	Jyotsana Pandit, S. K. Bhardwaj and Dr. Anish Kumar Sharma	CURRENT SCIENCE	122	8		978 - 980
33	Onion Peel Waste Mediated-Green Synthesis of Zinc Oxide Nanoparticles and Their Phytotoxicity on Mung Bean and Wheat Plant Growth	Shreya Modi, Virendra Kumar Yadav, Nisha Choudhary, Abdullah M. Alswieleh, Dr. Anish Kumar Sharma , Abhishek Kumar Bhardwaj, Samreen Heena Khan, Krishna Kumar Yadav, Ji-Kwang Cheon and Byong-Hun Jeo	Materials	2022			1-12
34	Polymorphic landscape of SARS-CoV-2 genomes isolated from Indian population in 2020 demonstrates rapid evolution in ORF3a, ORF8, nucleocapsid phosphoprotein and spike glycoprotein	Archana Pal, Shefali Dobhal , Kishore Kumar Dey , Dr. Anish Kumar Sharma , Vivek Savani ,Vishal Singh Negi	Computational Biology and Chemistry	95, 2021	October	1476-9271	1 - 13
35	Microbial Remediation of Textile Dye Acid Orange a Novel Bacterial Consortium SPB92	Dr. Sweta Parimita Bera ,Maulin P. Shah and Manoj Godhaniya	Frontiers in Environmental Science	Jun, 2022		2296-665X	1 - 8

36	Overview of Omics-Assisted Techniques for Biodiversity Conservation	Dr. Sekhar Tiwari and Ravi Rajwanshi	Springer Nature	2022			63- 78
37	An overview of the phytosynthesis of various metal nanoparticles	Dr. Sekhar Tiwari	Springer Nature	11, 2021	October		478-
38	A meticulous study on the interaction of bile salts with star block copolymeric micelles	Chitrলেখ Chakrabart, Nave Male, Debe Ray, Vино d K. Aswa, Dr. Sadafara A. Pillai	Journal of Molecular Liquids	363, 2022	July	0167 -7322	1 - 12
39	Effect on seed yield and quality characteristics of chickpea as influenced by integrated nutrient management in chickpea-fodder maize cropping sequence	Dr. Hardik A Patel and J D Thanki	The Pharma Innovation Journal	2022; 11(7)	July	2277-7695	2511-2514
40	Role of beneficial elements in crop production	Dr. Hardik A Patel	Agriculture & Food E- News Letter	Forthcoming Issue	August 2022		
41	Determination of Adsorption of Methylene Blue Dye by Incense Stick Ash Waste and Its Toxicity on RTG-2 Cells	Virendrakumar Yadav, Nisha Chaudhary	Adsorption Science & Technology (S	May, 2022			1 -10
42	A Novel Approach for the Synthesis of Vaterite and Calcite from Incense Sticks ash waste and their potential for remediation of dyes from aqueous solution	Virendrakumar Yadav, Nisha Chaudhary	Sustainable Chemistry and Pharmad	July, 2022		2352-5541	

School of Science- Books/Books Chapter

Sr.	Title of Books/ Chapter	Name of Authors	Name of Publisher	Year	ISBN	Page
1	Development in Wastewater Treatment Research and Processes: Removal of Emerging Contaminants from wastewater through Bio-nanotechnology/ An application of bionanotechnology in removal of emerging contaminants from pharmaceutical waste	Dr.Hiren K. Patel, Rishee K. Kalaria, Priyanka H. Jokhakar, Amit A. Mehta, Hiren V. Patel	Elsevier	2021	978-0-323-85583-9	371-383
2	Development in Wastewater Treatment Research and Processes: Removal of Emerging Contaminants from wastewater through Bio-nanotechnology /Removal of emerging contaminants in water treatment by an application of nanofiltration and reverse osmosis	Dr. Hiren K. Patel, Rishee K. Kalaria, Priyanka H. Jokhakar,Chetan R. Patel, Binal Y. Patel	Elsevier	2021	978-0-323-85583-9	385-400
3	An innovative Approac of Advanced Oxidation Processes in Wastewater Treatment: Bioremediation: A Novel Way to Deal with Petroleum Sludge for Sustainable Environment	Dr. Hiren K. Patel, Rishee K. Kalaria and Divyesh K. Vasava	Nova Science Publishers, New York	2021	978-1-68507-343-5	
4	Removal of Refractory Pollutants from Wastewater Treatment Plants: Prospects for Exploiting Microbes and Plants for Bioremediation of Heavy Metals	Dr. Hiren K. Patel, Rishee K. Kalaria and Divyesh K. Vasava	CRC Press, Boca Raton	2022	978-0-367-75812-7	
5	Development in Wastewater Treatment Research and Processes: Ligninolytic enzymes: a promising tools for bioremediation of waste water	Dr. Hiren K. Patel, Rishee K. Kalaria and Divyesh K. Vasava, Hiren Bhalani	Elsevier, Netherlands	2022	978-0-323-85657-7	
6	Waste and Waste Management: Proteomics: A Novel Tool for Studying Environmental Microbial Communities	Dr. Hiren K. Patel, Divyesh K. Vasava, Hiren N. Bhalani and Rishee K. Kalaria	Nova Science Publishers,	2022	978-1-68507-676-4	1 - 29
7	Microbial Remediation of Azo Dyes With Prokaryotes: Phytoremediation A Novel and Promising Approach for the Clean-Up of heavy Metal-Contaminated Soils Associated with Microbes	Dr. Hiren K. Patel, Priyanka H. Jokhakar, Rishee K. Kalaria, Divyesh K. Vasava and Rutu R. Kachhadiya	CRC Press, Boca Raton	2022	987-0-36767-345-1	233-258
8	Biochar and its Application in Bioremediation: Biochar: A Futuristic Tool to Remove Heavy Metals from Contaminated Soils	Dr. Hiren K. Patel, Maitrik P. Joshi and Rishee K. Kalaria	Springer	2021	978-981-16-4058-2	231-258
9	Advanced Oxidation Processes for Wastewater Treatment: An Innovative Approach	Maulin P. Shah, Dr. Sweta Parimita Bera and Gunay Yildiz Tore	CRC Press, Boca Raton	2022	978-0-367-76211-7	

10	ADVANCES in BIOLOGICAL SCIENCES AND BIOTECHNOLOGY: Molecular Markers an Important Tool to Study the Genetic Diversity	Vikrant, Dr. Anish K. Sharma and Jai Pal Sharma	Integrated Publications	2022		13- 28
11	Nanotoxicology: Nanomaterials Assisted Elicitation of Pharmaceutically Important Secondary metabolites from in vitro plant cell culture	Dr. Sekhar Tiwari	CRC Press, Boca Raton	2021		

School of Engineering - Research Paper

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1	Asymmetric Confidentiality in Blockchain Embedded Smart Grids in Galois Field.	Ms. Bannishikha Banerjee, Dr. Ashish Jani and Dr. Niraj Shah	Frontiers in Blockchain	4, 2021	December		1 - 11
2	A Novel Approach to Increase Adaptability of Digital Agriculture in India	Mr. Mitul Raj and Mr. Mitul Patel	International Journal of Recent Scientific Research	12, 2021	September	0976-3031	43156-43159
3	Application of Unmanned Aerial Vehicles in Agriculture	Ms. Neha Shah	Journal of Emerging Technologies and Innovative Research	8, 2021	November	2349-5162	140-144
4	Sentiment Analysis to Implement fake News Detection System Using Machine Learning Algorithms	Mukhtar Dahiru, Mr. Ravirajsinh Chauhan and Yakubu Magaji	International Journal of Recent Scientific Research	12, 2021	10, October	0976-3031	43228-43237
5	DEEP LEARNING-BASED APPROACH TO PREDICT COVID-19 FROM SKIN RASHES	Mahmud Ibrahim Kani and Ms. Jagruti Rameshbhai Boda		11, 2021	November	2278-4632	138-143
6	A REVIEW ON APPLICATION OF PRIMAVERA FOR PROJECT MANAGEMENT	Paresh Mistry and Ravi Dhandhukiya	International Journal of Recent Scientific Research	12, 2021	October	0976-3031	43263-43265
7	Digital Image Encryption Using Double Crossover Approach for SARS-CoV-2 Infected Lungs in a Blockchain Framework	Bannishikha Banerjee, Ashish Jani and Niraj Shah	Frontiers in Blockchain	4, 2021	December		1 - 9
8	An Optimized Zone Routing Protocol (ZRP) in Manet	Mr. Bhavin Rana and Dhavan Rana	International Journal of Recent Scientific Research	11, 2021	November	0976-3031	43588-43591
9	Aims and Attitudes in Teaching Critical Thinking	Ms. Payal Bhatt and Ms. Pankty Fruitwala	Journal of Emerging Technologies and Innovative Research	8, 21	December	586-588	2349-5162
10	DEEP LEARNING-BASED APPROACH TO PREDICT COVID-19 FROM SKIN RASHES	Mahmud Ibrahim Kani and Ms. Jagruti Rameshbhai Boda	Junikhyat journal	11	11	2278-4632	138-143
11	4PCDT : A Quantifiable Parameter - Based Framwork for Academic Software Project Management	Dr. Vikas S. Chomal , Jatinderkumar R. Saini, Hema Gaikwad , Ketan Kotecha	IJACSA) International Journal of Advanced Computer Science and Applications	13, 2022	1		290-297
12	Securing Infrastructure and VMs in Cloud by Integrating IDS	Hemangini J. Patel and Urvi Girishbhai Patel	DICKENSIAN JOURNAL	22, 2022	5	0012-2440	928-936
13	Application of Additive Manufacturing in Adhesive Bonding - A Review	Siddharth M. Panchal, Ashutosh C. Raval and Amir D. Patel	Proceedings of TFMS 2022	Apr-22			
14	Biomass-derived 5-hydroxymethylfurfural (HMF) and 2,5-dimethylfuran (DMF) synthesis as promising alternative fuel: A prospective review	Jigesh Mehta , Anand V. Metre Mathurkumar S. Bhakhar b, D.S. Panwar , Swapnil Dharaskar	Materials Today: Proceedings	In Press		2214-7853	
15	REVIEW ON DRIVER DISTRACTION CLASSIFICATION TO AVOID ACCIDENTS USING DEEP LEARNING	Ms. Bhumika Shah , Ms. Bannishikha Banerjee	International Journal of Research Publication and Reviews	3, 2022	5	2582-7421	2630- 2639
16	Expert System to Foretell the worth of Pre-owned vehicle	Ms. Barkha Wadhvani	GIS SCIENCE JOURNAL	9, 2022	5	1869-9391	2324-2330
17	A Review Article on Methods to Enhance the Strength of Adhesive Joints Along with Consideration of Composite Materials	Mr. Harsh S. Dalsania, Mr. Sagarsingh B. Kushwah, Mr. Chirag R. Desai and Mr. Hardik C. Majiwala	Proceedings of TFMS 2022	2022			1- 7
18	A Review Article on FDM Process Parameters in 3D Printing for Composite materials	Mr. Chirag R. Desai	Materials Today Proceedings	60, 2022	3		2162-2166
19	ARTIFICIAL INTELLIGENCE BASED CROP IDENTIFICATION AND CROP PRODUCTION ESTIMATION	Ms. Megha S. Patel, Mr. Ravirajsinh Chauhan , Mr. Naimish Gevaria	International Journal of Research and Analytical Reviews (IJRAR)	9, 2022	2	2349-5138	854-860

20	Effectiveness of Practical Approach for Teaching Communication Skills over Theory	Dr. Ankitkumar Patel	Kala Sarovar	Vol. 24	4, 2021	0975-4520	382-386
21	A Conceptual model using IoT to test ripening and diseases of fruit	Mr. Srikant Singh , Ms. Maulika Patel	DICKENSIAN JOURNAL	22, 2022	6	0012-2440	569-582
22	SHEATH BLIGHT DETECTION AND CLASSIFICATION USING IMAGE PROCESSING AND MACHINE LEARNING	Mr. Srikant Singh , Ms. Maulika Patel	International Journal of Research Publication and Reviews	3, 2022	6	2582-7421	673-678
23	Smart Approach to Increase Adaptability of Soil Health Card Schemes of Government of India	Mitul Raj and Ms. Nafisa Shaikh	International Journal of Innovative Research in Science, Engineering and Technology	11, 2022	Jun	2319-8753	
24	Effect of Industrial waste water contamination on Geotechnical Properties of Soil	Ms. Nafisa Shaikh and Mr. Mitul Raj	Journal of Emerging Technologies and Innovative Research (JETIR)	8, 2021	November	2349-5162	
25	Digital Data Storage in DNA	Mr. Mitul Patel	Gradiva Review Journal	8, 2022	Jun	0363-8057	
26	Role of Machine Learning in 5G Device Communication: A Survey	Mr. Abhijitsinh Parmar, Jay Gandhi, Pratik Patel and Kiran Parmar	Journal of Optoelectronocs Laser	41, 2022	6	1005-0086	276-285
27	Geochemical investigation of hydrocarbon generation potential of coal from Raniganj Basin, India	D. S. Panwar, Ram Chandra Chaurasia, V. K. Saxena, A. K. Singh, Akanksha	Journal of Petroleum Exploration and Production Technology	Jul-05	September		
28	A State-of-art review of circular economy in the supply chain management: scientometric mapping	Mr. Hardik Majiwala and Mr. Ravi Kant	Management of Environmental Quality	2022	March	1477-7835	1 -23
29	METHOD AND SYSTEM FOR PROVIDING MULTI-FACE THREE-AXIS TO FIVE-AXIS COMPUTER NUMERICAL CONTROL (CNC) MACHINE	Mr. Rahul Sinha	PATENT	Jan, 2022			
30	Parabolic Solar Collector Hot Air Dryer	Mr. Rohit Sunil Khedkar	PATENT	Jun, 2022			
31	A Monto Carlo Technique to Study the Distribution of 18F for PET	Dr. N. N. Deshmukh	Indian Journal of Natural Science	13, 2022	72, Jun	0976-0997	42743- 42745
32	An Efficient Monte Carlo for PET Imaging Simulation	Dr. N. N. Deshmukh	Indian Journal of Natural Science	13, 2022	72 Jun	0976-0997	42721-42723
33	Break-up of Phenomena around the Coulomb Barrier for (7Li, 208Pb)	Dr. N. N. Deshmukh	Indian Journal of Natural Science	13, 2022	71 April	0976-0997	39604-39606
34	Study of Inclusive/Exclusive Cross Section Involving Loosely Bound Nuclei	Dr. N. N. Deshmukh	Indian Journal of Natural Science	13, 2022	71 April	0976-0997	39578-39580
35	Break -up Mechanism by a Different Approach for Loosely Bond Nuclei	Dr. N. N. Deshmukh	Indian Journal of Natural Science	13, 2022	71 April	0976-0997	39540-39542
36	Importance of Mathematics in Civil Engineering	Mr. Ravi Dhandhukiya and Mr. Paresh Mistry	Indian Journal of Natural Science	Forthcoming Issue 73	August 2022	0976-0997	
37	A Study of Contribution of Indian Women in Higher Education	Ms. Pankty Fruitwala and Ms. Tanvi Bhavsar	Indian Journal of Natural Science	Forthcoming Issue 73	August 2023	0976-0997	
38	Polycaprolactone/maize husk/bentonite clay-based hybrid composite films: Physical and mechanical properties	Dr. Deepak Kohli and deepak Singh Panwar	GIS Science Journal	9, 2022	Jun	1869-9391	1933-1943
39	A Study of English Writing as Second Language of IX Standard Students of Rukminidevi Vidhyalay, Bharuch	Ms. Meera Patel	Indian Journal of Natural Science	Forthcoming Issue 73	August 2022	0976-0997	
40	Performance Evaluation of the state of the Art (SOTA) in Combating Insecurity through Transfer Learning (A case study of Kano State CCTV)	Mr. Ravirajsinh Chauhan and Mr. Hamisu Ridwan Umar	International Journal of Research and Analytical Reviews (IJRAR)	9, 2022	2, Jun	2348-1269	253-262
41	PERCEPTION OF USERS WHILE MEASURING THE CRITICAL FAILURE FACTOR IN IMPLEMENTED ERP SYSTEM IN VARIOUS EDUCATIONAL ORGANISATIONS	Ms. Bhavisha Shah, Ms. Asmita Patel and Dr. Parag Sanghani	DICKENSIAN JOURNAL	22, 2022	7	0012-2440	381-391
42	Deep Learning and Super-Hybrid Textual Feature Based Multi-category Thematic Classifier for Punjabi Poetry	Dr. Jasleen Kaur	Smart Innovation, Systems and Technologies	Vol. 3030, May 2022		2190-3026	42-52
43	Micro-Raman Spectroscopic Studies for Evaluation of Self-Healing Property of Corrosion Protection Coatings on Al and Mg alloys	Dr. Awapnil H. Adsul	International Journal of Scientific Research in Engineering and Management (IJSREM)	6, July 2022	7	2582-3930	1 - 10

44	Synthesis, characterization, stability, and thermal properties of graphene oxide based hybrid nanofluids for thermal applications: Experimental approach	Dr. Rohit S. Khedkar	Diamond and Related Materials	July, 2022 online		0925-9635	
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School of Engineering- Books/Books Chapter

No.	Title of Books/ Chapter	Name of Authors	Name of Publisher	Year	ISBN	Page
1	Vehicular Communications for Smart Cars: Protocols, Applications and Security Concerns: A genetic blockchain approach for securing smart vehicles in quantum era	Ms. Bannishikha Banerjee, Dr. Ashish Jani and Dr. Niraj Shah	Taylor & Francis - CRC Press DOI: 10.1201/9781315110905-5	2021	978-0-367-45744-0	85-107
2	Advances in Engine Tribology: Automated SI Engine Wear Parts	Mr. RakeshKumar and Mr. Rahul Sinha	Advances in Engine Tribology, Energy, Environment, and Sustainability, Springer Nature.	2022	978-981-16-8337-4	61-73
3	Recent Advances in Manufacturing Modelling and Optimization: Simulation Study on Effect of Drill Tool Geometry on Strength and Deformation	Sehjad J. Memon, Poojan V. Fuletra, Nilay K. Degadwala, Chandresh B. Kumbhani, and Rahul Sinha	Recent Advances in Manufacturing Modelling and Optimization, Springer Nature	2022	978-981-16-9952-8	51-65
4	Modified Parabolic Solar Collector Hot-Air Tray Dryer	Mr. Rohit Sunil Khedkar, Krushang Goti, Brindesh Jodhani, Jenish Hirpara and Prashant Giri	10th International Conference on Contemporary Engineering and Technology 2022	May 21 - 22, 2022	978-93-81288-22-1	
5	Machine Learning and Deep Learning in Medical Data Analytics and Healthcare Applications: A Framework for Selection of Machine Learning Algorithms Based on Performance Metrics and Akaike Information Criteria in Healthcare, Telecommunication, and Marketing Sector	Dr. Jasleen Kaur		Feb-22	9781003226147	113-129

School of Liberal Arts and Management Studies

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1	A Conceptual Study on the Impact of Covid 19 pandemic on Human Resource Management	Ms. Sukriti Sharma	International Journal of Commerce and Management	Vol. 01 2021	Issue 01 Dec. 2021	2583 -1682	39 -48
2	Understanding Student's Online learning Study behavior using Twitter Analytics	Ms. Sukriti Sharma	International Journal of Special Education	Vol. 37 2022	Issue 03 2022	0827-3388	16510-16522
3	Glitches to the Customer During E-Banking Transaction	Dr. Jainish A Bhagat	IDEES –International Multidisciplinary Research Journal	Vol. 04	Issue 03 Dec 2021	2455-4642	50-63
4	Liability Partnership (LLP): Is awareness required? – Affirmation	Dr. Jainish A Bhagat	IDEES –International Multidisciplinary Research Journal	Vol. 05	Issue 02 April 2022	2455-4642	38-49
5	INFORMATION AND SOURCE ANTECEDENTS TO EWOM: A REVIEW OF LITERATURE	Ms. Sayyeda Jantiwala	International Journal of Scientific Research in Engineering and Management (IJSREM)	Vol. 06	Issue 06 June 2022	2582-3930	01-14
6	Review on Non-Performing Aseets: It's Phases, Evolutions and Reforms	Ms. Nirali Kantharia and Mr. Ramraj Malav	International Journal of Research and Analytical Reviews (IJRAR)	Vol. 09	Issue 02 June 2022	2349-5138	935-947

School of Nursing

Sr.	Title of Research Paper	Name of Authors	Name of Journal	Volume (Year)	Issue	ISSN	Page
1	A STUDY TO ASSESS THE EFFECTIVENESS OF STRUCTURED TEACHING PROGRAM ON KNOWLEDGE REGARDING PREVENTION AND CONTROL OF H1N1 FLU AMONG ANGANWADI WORKERS IN SELECTED ANGANWADI CENTERS IN NAVSARI, GUJARAT	Mr. Bhuvnesh Pandya and Ms. Jannet Reena Purani	International Journal of All Research Writings	vol.03 2021	Sep-21	2582-1008	1-5

2	A Comparative Study to Assess the Growth of Toddlers among Urban Slum Area and Rural Area and Its Correlation with Selected Variables	Dr. Sateesh Biradar , Mrs Smital H Chaudhari,, Dr. Indrawati Rao and , Ms. Ashwini Patil	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 9,	Issue 01 Jan 2022	2349-5162	219 -226
3	Health Promotional Life Style Intervention on Knowledge and Practice Regarding Prevention of Co-Morbid Conditions and Complications of Chronic Renal Failure among Hemodialysis	Ms. Ashwini Patil and Indrawati Rao Dr. Sateesh Biradar	Indian Journal of Forensic Medicine & Toxicology	Vol.16	Issue 01 Jan - Mar 2022	0	1577-1586
4	Impact of COVID-19 Pandemic on Mental Health and Effects of a Sense of Verdict of Selected College Students in Nepal, Nigeria and India	Mr. Deepak Vishwakarma , Rejoice Puthuchira Ravi, Ebbie Thomas	Indian Journal of Public Health Research & Development,	Vol.12	Issue 01 Jan - Mar 2021	0	60-68
5	A Study to Assess effectiveness of Planned Teaching Programme in Terms of Knowledge Regarding Alzheimers Disease among Elderly People Living in Selected Old Age Home of Bharuch, Gujarat State	Ms. Zeelba Rathod and Ms. Jaharvi Patel	International Journal of Current Science (IJCS PUB)	Vol.12	Issue 02 April 2022	2250-1770	588-593
6	USAGE OF OZONE THERAPY AND ITS IMPACT ON GENERAL HEALTH	Ms. Jwalin Priyadarshini	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. X	Issue X 2022	2349-5162	25-30
7	A descriptive study to assess the knowledge and practice regarding open air burning of household waste among housewives in selected rural areas of Navsari in a view to develop an informational booklet	Ms. Komal Kolhe and Ms. Mayuri Vaidya	International Journal of All Research Education and Scientific Methods (IJARESM)	Vol. 10	Issue 06 June 2022	2455-6211	3304-3315
8	A study to assess the effectiveness of structured teaching program on knowledge of FASTHUGBID among students nurses in selected nursing colleges of Surat city	Ms. Mayuri Vaidya and Ms. Komal Kolhe	International Journal of All Research Education and Scientific Methods (IJARESM)	Vol. 10	Issue 06 June 2022	2455-6211	3299-3309
9	A Study to Assess the Stressors and Coping Strategies Among Patients Undergoing Haemodialysis Admitted in Selected Hospitals of Surat City with A View to Develop Information A Booklet on It	Ms. Mayuri Vaidya	International Journal for Research in Applied Science & Engineering Technology (IJASET)	Vol. 10	Issue vi June 2022	2321-9653	4329-4334
10	A study to evaluate the effectiveness of plannedteaching program (PTP) on knowledge regarding dyslexia in children among primary school teachers in selected primary schools at chintamani, Karnataka	Ms. Blessi Martuise , Ms. Jannet Reena Purani and Ms. Amulya	Journal of Emerging Technologies and Innovative Research	Vol. 09	Issue 06 June 2022	2349-5162	152-156
11	Knowledge Regarding Use Of PPE (Personal Protective Equipment) Among The Class IV Employee	Ms. Meghana Goswami	Journal of Emerging Technologies and Innovative Research	Vol. 09	Issue 06 June 2022	2349-5162	265-267
12	A DESCRIPTIVE STUDY TO ASSESS THE KNOWLEDGE REGARDING IMMUNIZATION AMONG THE MOTHERS OF UNDER FIVE CHILDREN IN SHRI VINOBA BHAVE CIVIL HOSPITAL, SILVASSA, DADRA& NAGAR HAVELI (D&NH)	Ms. Krishna Vansia , Ms. Jannet Purani and Ms. Jinal Vasonia	Journal of Emerging Technologies and Innovative Research	Vol. 09	Issue 07 July 2022	2349-5162	279-285
13	A STUDY TO ASSESS THE EFFECTIVENESS OF STRUCTURED TEACHING PROGRAMME ON KNOWLEDGE AND PRACTICE REGARDING INFECTION CONTROL AMONG THE STAFF NURSES AT SELECTED HOSPITAL, SURAT	Ms. Jannet Reena Purani , Ms. Blessi Martuise , and Ms. Amulya	Journal of Emerging Technologies and Innovative Research	Vol. 09	Issue 07 July 2022	2349-5162	01-04
14	KNOWLEDGE AND ATTITUDE OF PREVENTION OF CERVICAL CANCER AMONG RURAL WOMEN	Ms. Kinjal Mistry and Mrs. Sonal M. Pandya	Journal of Emerging Technologies and Innovative Research	Vol. 09	Issue 07 July 2022	2349-5162	722-725

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1	A Narrative review of "Clinical reasoning tests" used for measuring "Clinical reasoning skills" of health profession students.	Dr. Krishna Desai	International Journal of Research and Analytical Reviews (IJRAR)	Vol. 08 2021	04 Dec	2349-5138 2348-1269	30-37
2	Comparison of Quality of Life, Physical and Respiratory Parameters in Players and Non Players with Spinal Cord Injury	Ms. Aditi Shah	International Journal of Current Research and Review (IJCRR)	Vol.13 2021	24 Dec 2021	2231-2196 0975-5241	01-09
3	Prevalence of Musculoskeletal Pain in Housewives in Surat: Population Based Cross Sectional Study	Shil Jatin Kumar Shah and Ms. Aditi Shah	International Journal of Engineering Science and Computing (IJESC)	Vol.11 2021	09 Sep	2321-3361	28855- 28857
4	Autism and Hypotonia: A Narrative Review	Dr. Payal Mehta and Dr. Rahul Chhatlani	International Journal of Research and Analytical Reviews (IJRAR)	Vol. 24 2022	01-Jan	2348-1269 2349-5138	35-39
5	A Study To Find Effects Of Smart Phones Usage With Anxiety, Depression, Stress And Sleep Quality In High Secondary School Students- A Cross-Sectional Study	DR. KRUTI DESAI , MISS. NENCY RADADIYA, MR. MITESH RANPARIYA, MISS. TRUSHA DHOLAKIYA	International Journal of Novel Research and Development (IJNRD)	Vol. 07 2022	Issue 5 May	2456-4184	1244-1253

6	WORK RELATED MUSCULOSKELETAL RISK FACTORS AND MANAGEMENT STRATEGIES AMONG NURSES - A NARRATIVE REVIEW	Dr Vrunda Makwana and Dr Mona G Patel	International Journal of Research and Analytical Reviews (IJRAR)	Vol. 09 2022	Issue 2 May	2349 -5138	843-849
7	PREVALENCE OF WORK RELATED MUSCULOSKELETAL PAIN AMONG WOMEN STICKING STONES ON SAREE	Dr Mona G Patel and Dr Vrunda Makwana , Pradip Gohil, Jinal Anaghan	International Journal of Research and Analytical Reviews (IJRAR)	Vol. 09 2022	Issue 2 May	2349-5138	939-951
8	Thermal ultrasound, manipulation and exercise on Pain and mouth opening in chronic temporomandibular joint disorder	Megha Nayak, Shyam Kishan, Molly Cynthiya, Suchita Rao and Dr. Vrunda Makwana	Physiotherapy Research International	Vol. 27 2022	Issue 2 Jan	Case Report	01-03
9	A STUDY TO FIND THE EFFECT OF MUSCLE ENERGY TECHNIQUE IN PATIENTS WITH OSTEOARTHRITIS OF KNEE-AN INTERVENTIONAL STUDY	DR RAHUL CHHATLANI, Dr. Samira Mulla and Dr. Yagnik Dave	International Journal of Research and Analytical Reviews (IJRAR)	Vol. 09	Issue 3 July 2022	2349-5138	343-364

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2	Autism: Treatment and Intervention	Research Trends in Medical Sciences	Dr Ashish Mathur , Bharat Rohila, Shreya Sharma, Ritika Bhatt, Amit Gupta	Akinik Publication New Delhi	1st, 2021	0	01-11

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2	Co-benefits from opportunities The Built Environment Climate Change and Health	Ar. Ruchi Gandhi	International Journal of Scientific & Engineering Research	Vol.13 2022	Issue 01 Jan	2229-5518	157-162
3	Invaluable Contribution of an Architect	Bharat Panchal and Sagar Desai	V Vidhyanagar	Nov-21	Issue 11 Nov	0976-9609	29-31
4	DE - CODING THE FOUR ELEMENTS OF ARCHITECTURE – GOTTFRIED SEMPER	Ar. Ruchi Ramesh and Aesha Gandhi	International Journal of Research in Economics and Social Sciences (IJRESS)	Vol.12 2022	Issue -06 June	2249-7382	34-42
5	Importance of Performance Appraisal Process by the Employer for the Employee for Healthy Work Environment	Ar. Eeshan Vairagkar and Ms. Snehal Vairagkar	Quest Journals Journal of Research in Business and Management	Vol. 10	Issue 07 2022	2347-3002	154 -160

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1	E- Resources and current pandemic situation: Scope and Limitation	Dr. Paresh Ilasariya	International Journal of Research in Library Science (IJRLS)	8, 2022	2, April	2455-104X	188-190
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2	Manibhai Prajapati: Vangmayasuchi	Dr. Falguni Prajapati	Gujarat Granthalay Seva Sangh, Ahmedabad	2021	December	0	1-60
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