

PUBLICATIONS

(1) Research Papers Published in Academic Journals

(I) An Overview

Publication of Research Papers in International/National/State Level Journals by the Teachers of Postgraduate Departments in 2018-2019

Sr No.	Departments	International	National	State
1	Basic Sciences	179	24	04
2	Economic Sciences	35	59	05
3	Social Sciences	24	16	07
4	Languages	09	12	09
	Total	247	111	25

(II) Publications of Research Papers from the University Departments.

(A) Basic Sciences

Research Papers Published by the Teachers of Basic Sciences of Postgraduate Departments in International/National/State-Level Journals in 2018-2019

Sr	No.	Departments	International	National	State
1		Bio Science	29	02	--
2		Chemistry	31	11	--
3		Electronics	04	--	--
4		Computer Science	27	01	--
5		Home Science	04	03	03
6		IICISST	03	01	--
7		Material Sciences	08	--	--
8		Mathematics	13	05	01
9		Pharmasutical Science	04	01	--
10		Physics	48	--	--
11		Statistics	08	--	--
		Total	179	24	04

(B) Economics Sciences

Research Papers Published by the Teachers of Economic Sciences of Postgraduate Departments in International/National/State Level Journals in 2018-2019

Sr. No.	Departments	International	National	State
1.	Business Studies	19	18	01
2.	Economics	02	06	02
3.	Business Administration (MBA)	14	18	02
4.	Agro Economic Research Centre	--	17	--
	Total	35	59	05

(C) Social Sciences

Research Papers Published by the Teachers of Social Sciences of Postgraduate Departments in International/National/State Level Journals in 2018-2019

Sr. No.	Departments	International	National	State
1	Library and Information Science	--	10	02
2	Education	04	01	--
3	History	07	01	03
4	Law	01	--	--
5	Political Sciečne	01	--	01
6	Psychology	01	--	--
7	Social Work	02	04	01
8	Sociology	08	--	--
	Total	24	16	07

(D) Languages

Research Papers Published by the Teachers of Languages of Postgraduate Departments in International/National/State Level Journals in 2018-2019

Sr. No.	Departments	International	National	State
1.	English	02	01	--
2	Gujarati	--	04	08
3	Hindi	07	04	--
4	Sanskrit	--	03	01
	Total	09	12	09

Name of Author(s)	Title of Paper	Title of Journal	Year of Publication	Vol.No. And Issue No.	P.P.	No.of Citations	Impact Factor	International/ National / State/ Local
Basic Science								
DEPARTMENT OF BIOSCIENCE								
Patel, A., Patel, H., Divecha, J., & Shah, A. R.	Enhanced production of ethanol from enzymatic hydrolysate of optimization and mass balance analysis of bioconversion process	Biofuels	2019		1-8	-	1.13	International

Pinal B. Vyas, T. V. RamanaRao and V. R. Thakkar	Improvement of postharvest quality and shelf life of cape gooseberry (<i>Physalis peruviana</i> L.) fruit with bioactive composite coatings during low temperature storage.	PRAJNA – Journal of Pure and Applied Sciences	2018	Vol. 26	24 – 37	-	-	-	National
Sonu Sharma and T. V. Ramana Rao	Composite coating mediated improvement of nutritional quality and safety of fresh cut pineapple (<i>Ananas comosus</i> L. Merrill)	PRAJNA – Journal of Pure and Applied Sciences	2018	Vol. 26	8 – 23				National
Sagar Vaidya, Neelam Devpura, Kunal Jain, Datta Madamwar	<u>Degradation of chrysene by enriched bacterial consortium</u>	Frontiers in Microbiology	2018	9	1333	4	4.25		International
Rajesh P Rastogi, Ashok Pandey, Christian Larroche, Datta Madamwar	<u>Algal Green Energy– R&D and technological perspectives for biodiesel production</u>	Renewable and Sustainable Energy Reviews	2018	82	2946-2969	28	10.55		International
Avinash Narayan, Vrutika Patel, Prachi Singh, Avani Patel, Kunal Jain, K Karthikeyan, Amita Shah, Datta Madamwar	<u>Response of microbial community structure to seasonal fluctuation on soils of Rann of Kachchh, Gujarat, India: Representing microbial dynamics and functional potential</u>	Ecological Genetics and Genomics	2018	6	22-32	7	0.94		International

Reza Ranjbar Choubeh, Ravi R Sonani, Datta Madamwar, Paul C Struik, Arjen N Bader, Bruno Robert, Herbert van Amerongen	<u>Picosecond excitation energy transfer of allophycocyanin studied in solution and in crystals</u>	Photosynthesis Research	2018	135 and 1-3	79-86	2	3.057	International
Ravi R Sonani, Aleksander W Roszak, Claire Ortmann de Percin Northumberland, Datta Madamwar, Richard J Cogdell	<u>An improved crystal structure of C-phycoerythrin from the marine cyanobacterium <i>Phormidium</i> sp. A09DM</u>	Photosynthesis Research	2018	135 and 1-3	65-78	4	3.057	International
Avani Bharatkumar Patel, Krutika Mahala, Kunal Jain, Datta Madamwar	<u>Development of mixed bacterial cultures DAK11 capable for degrading mixture of polycyclic aromatic hydrocarbons (PAHs)</u>	Bioresource Technology	2018	253	288-296	10	6.66	International
Vrutika Patel, Milind P Deshpande, Ashok Pandey, Christian Larroche, Datta Madamwar	<u>Nanobiocatalysis for the Synthesis of Pentyl Valerate in Organic Solvents: Characterization, Optimization and Reusability Studies</u>	Current Biotechnology	2018	7 and 2	105-114	1	-	International
Stuti N Patel, Ravi R Sonani, Kinnari Jakharia, Bela Bhastana, Hiral M Patel, Mukesh G Chaubey, Niraj K Singh, Datta	<u>Antioxidant activity and associated structural attributes of Halomicronema phycoerythrin</u>	International Journal of Biological Macromolecules	2018	111	359-369	9	4.78	International

Madamwar								
Hiral M Patel, Rajesh P Rastogi, Ujjval Trivedi, Datta Madamwar	<u>Structural characterization and antioxidant potential of phycocyanin from the cyanobacterium Geitlerinema sp. H8DM</u>	Algal research	2018	32	372-383	7	3.72	International
Ravi R Sonani, Alastair Gardiner, Rajesh P Rastogi, Richard Cogdell, Bruno Robert, Datta Madamwar	<u>Site, _____ trigger, quenching mechanism and recovery of non-photochemical quenching in cyanobacteria: recent updates</u>	Photosynthesis Research	2018	137 and 2	171-180	1	3.05	International
Shivani Amin, Rajesh P Rastogi, Ravi R Sonani, Arabinda Ray, Rakesh Sharma, Datta Madamwar	<u>Bioproduction and characterization of extracellular melanin-like pigment from industrially polluted metagenomic library equipped <i>Escherichia coli</i></u>	Science of the Total Environment	2018	635	323-332	4	5.589	International
AvaniBharatkumar Patel, Shilpi Singh, Aaishwarya Patel, Kunal Jain, Seema Amin, Datta Madamwar	<u>Synergistic biodegradation of phenanthrene and fluoranthene by mixed bacterial cultures</u>	Bioresource Technology	2019	284	115-120	1	6.66	International
Ravi R Sonani, Rajesh Prasad Rastogi, Stuti Nareshkumar Patel, Mukesh Ghanshyam Chaubey,	<u>Phylogenetic and crystallographic analysis of Nostoc phycocyanin having blue-shifted spectral properties</u>	Nature's Scientific Reports	2019	9 and 1	9863	0	4.5	International

Niraj Kumar Singh, Gagan D Gupta, Vinay Kumar, Datta Madamwar								
Mukesh Ghanshyam Chaubey, Stuti Nareshkumar Patel, Rajesh Prasad Rastogi, Prabhakar Lal Srivastava, Arun Kumar Singh, Datta Madamwar, Niraj Kumar Singh	<u>Therapeutic potential of cyanobacterial pigment protein phycoerythrin: in silico and in vitro study of BACE1 interaction and in vivo Aβ reduction</u>	International Journal of Biological Macromolecules	2019	134	368-378	0	4.78	International
Hiral M Patel, Rajesh P Rastogi, Ujjval Trivedi, Datta Madamwar	<u>Cyanobacterial diversity in mat sample obtained from hypersaline desert, Rann of Kachchh</u>	3 Biotech	2019	9 and 8	304	0	1.786	International
Hiral M Patel, Aleksander W Roszak, Datta Madamwar, Richard J Cogdell	<u>Crystal structure of phycocyanin from heterocyst-forming filamentous cyanobacterium Nostoc sp. WR13</u>	International Journal of Biological Macromolecules	2019	135	62-68		4.78	International
Kshama Balapure, Payal Aghera, Nikhil Bhatt, Datta Madamwar	<u>Community Synergism: Degradation of Triazine Dye Reactive Black 1 by Mixed Bacterial Cultures KND_PR under Microaerophilic and Aerobic Conditions</u>	Environmental Processes	2019	6 and 3	713-739	0	-	International
Rohit Rathour, Kunal Jain, Datta Madamwar,	<u>Microaerophilic biodegradation of raw textile effluent by synergistic activity of bacterial</u>	Journal of Environmental Management	2019	250	1095-49	-	4.865	International

Chirayu Desai	community DR4							
JAT da Silva, MMKher, D Sonar and M Nataraj	Red sandalwood (<i>Pterocarpus santalinus</i> L.f.): Biology, importance, propagation and micropropagation	Journal of Forestry Sciences	2018		1-10	1		International
D vasava, MM Kher, M Nataraj, JAT da Silva	Bael tree (<i>Aegle marmelose</i> L. Correa): Importance, biology, propagation and future perspectives	Trees	2018	32(5)	1165 - 1198			International
JAT da Silva, MM Kher, D Sonar, M Nataraj	Indian kino tree (<i>Pterocarpus marsupinum</i> Roxb.) : propagation, micropropagation and Biotechnology	Environmental and experimental Biology	2018	16(1)	1-8	3		International
Dhaval Patel, M nataraj	Callus induction in <i>Ailanthus excelsa</i> Roxb. – A Multipurpose tree	International journal of scientific research and reviews	2018	7(11)	116-129			International
JAT da Silva, MM Kher, D Sonar, M Nataraj, J Dobranszki MA Milar	<i>Santalum</i> molecular biology: Molecular markers for genetic diversity, phylogenetics and taxonomy and genetic transformation	Agroforestry systems	2018	92(5)	1301 - 1315			International
MM Kher, M nataraj	Direct somatic embryogenesis and shoot regeneration from leaves and internodes of <i>Pluchea lanceolata</i> (DC) C.B.Clarke	In vitro cellular and developmental biology plant	2019	-	1-5			International
DNKanthecha, DB Raval, VR Thakkar, MN Patel	Biological significance of hetero-scaffolds based gold (III) complexes	Acta Chimica Slovenica	2018	65 (2),	333-343	4	1	International
NS Baraiya, TV Ramana Rao, VR Thakkar	Composite Coating as a Carrier of Antioxidants Improves the Postharvest Shelf	J. Agr. Sci. Tech.	2018	18	93-107	5	1	International

	Life and Quality of Table Grapes (<i>Vitis vinifera</i> L.)							
Hiral M. Patel Rajesh P. Rastogi Ujjval Trivedi Datta Madamwar	Cyanobacterial diversity in mat sample obtained from hypersaline desert, Rann of Kachchh	3 Biotech	2019	9(8)	304	-	1.786	International
Hiral M Patel, Rajesh P Rastogi, Ujjval Trivedi, Datta Madamwar	Structural characterization and antioxidant potential of phycocyanin from the cyanobacterium <i>Geitlerinema</i> sp. H8DM	Algal research	2018	32	372 - 383	7	5.014	International

DEPARTMENT OF CHEMISTRY

N. V. Sastry, D. K. Singh, P. A. Trivedi	Hybrid hydrogels systems of micelles of drug anion containing ionic liquid and Biopolymers: Rheological behaviour and drug release	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2018	555	668 - 678	2	2.829	International
Nandhibatla V Sastry, Dipak K Singh, Pooja A Trivedi	Studies on micellar behaviour of PEO-PPO, or PEO-PBO-PPO copolymers ionic liquids in aqueous media and exploration of their micellar solutions for solubilisation of or surface active dexamethasone and its delayed release	Journal of Surfactants and Detergents	2018	21	65 - 79	2	1.454	International
S. Padsala, N. Dharaiya, D. Ray, V. K. Aswal, N. V. Sastry, P. Bahadur	Self organization of mixtures of sodium oleate and imidazolium based surface active ionic liquids studied by tensiometry, rheology and neutron scattering	Journal of Molecular Liquids	2018	249	573-582	4	4.561	International
J. V. Vaghasiya, K. K. Sonigara, S. S. Soni,	Dual functional hetero-anthracene based single component organic ionic conductors as redox mediator cum	Journal of Materials Chemistry A	2018	6	4868-4877	11	10.733	International

S. Ching Tan	light harvester for solid state photoelectrochemical cells							
M. M. Jadhav, J. V. Vaghasiya, D. S. Patil, S. S. Soni, N. Sekar	Structure-efficiency relationship of newly synthesized 4-substituted donor- π -acceptor coumarins for dye-sensitized solar cells	New Journal of Chemistry	2018	42	5267-5275	14	3.069	International
Keval K. Sonigara, Jayraj V. Vaghasiya, Hiren K. Machhi, Jyoti Prasad, Alain Gibaud, Saurabh S. Soni	Anisotropic one-dimensional aqueous polymer gel electrolyte for photoelectrochemical devices: Improvement in hydrophobic TiO_2 -dye/electrolyte interface	ACS Applied Energy Materials	2018	1 (8)	3665-3673	4		International
Jayraj V. Vaghasiya, Keval K. Sonigara, Mitesh H. Patel, Vaibhav K. Patel, N. Sekar, Saurabh S. Soni	Low cost and efficient hetero-anthracene based small organic hole transporting materials for solid state photoelectrochemical cells	Materials Today Energy	2018	09	496-505	2		International
Keval K. Sonigara, Jayraj V. Vaghasiya, Hiren K. Machhi, Alain Gibaud, Tan Swee Ching, Saurabh S. Soni	A smart flexible solid state photovoltaic device with cooling recovery feature	Small	2018	14(36)	1-8	4	9.59	International
A. B. Patel, H. K. Machhi, P. Chauhan, S. Narayan, V. Dixit, S. S. Soni, P. K. Jha, G. K. Solanki,	Electrophoretically deposited $\text{MoSe}_2/\text{WSe}_2$ heterojunction from ultrasonically exfoliated nanocrystals for enhanced electrochemical photoresponse	ACS Applied Materials & Interfaces	2019	11	4093-4102	2	8.456	International

K. D. Patel, V. M. Pathak								
Mital K. Adesariya, Vijay R. Ram, Pragnesh N Dave	Phytochemical analysis of leaves extract of abutilon pannosum in n-butanol for its bioactive components through gas chromatography-mass spectrometry (GC-MS)	Journal of Engineering (IOSRJEN)	2018	8(9)	11-20		1.645	International
Vijay R. Ram, Kapil L. Dubal, Pragnesh N. Dave, Hitendra S. Joshi	Development and validation of a stability indicating HPLC assay method for determination of warfarin sodium in tablet formulation,	Chemical Methodologies	2019	3(3)	322-339	1		International
Mital K.Aadesariya, Vijay R. Ram, Pragnesh N. Dave	Investigation of phytochemicals in methanolic leaves extracts of Abutilon pannosum and Grewia tenax by Q-TOF LC/MS	Progress in Chemical and Biochemical Research	2019	2	13-19	4		International
Shalini Chaturvedi, Pragnesh N. Dave	Water purification using nanotechnology an emerging opportunities	Chemical Methodologies	2018	3	115-144	1		International
D. M Patel, M. G. Sharma, R. M. Vala, I. Lagunes, A. Puerta, J. M. Padron, D. P. Rajani, H. M. Patel	Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological evaluation	Bioorganic Chemistry	2019	86	137-150	3	3.926	International
D. M. Patel, R. M. Vala, M. G. Sharma, D. P. Rajani, H. M. Patel	A practical green visit to the functionalized [1,2,4]triazolo[5,1-b]quinazolin-8(4h)one scaffolds using the group-assisted purification (gap) chemistry and their pharmacological testing	ChemistrySelect	2019	4(3)	1031-1041	4	1.505	International
H.M.Patel	Synthesis,	Current	2018	14(3)	278-	4		International

	characterizations and microbial studies of novel Mannich products using multicomponent reactions	Bioactive Compounds			288			
H. M. Patel, D. P. Rajani, M. G. Sharma, H. G. Bhatt	Synthesis, molecular docking and biological evaluation of Mannich products based on thiophene nucleus using ionic liquid	Letters in Drug Design Discovery	2019	16 (2)		3	0.924	International
M. G. Sharma, R. M. Vala, D. M. Patel, I. Lagunes, M. X. Fernandes, J. M. Padrón, V. Ramkumar, R. L. Gardas, H. M. Patel	Anti-proliferative 1,4-dihydropyridine and pyridine derivatives synthesized through a catalyst-free, one-pot multi-component reaction	Chemistry Select	2018	3(43)	12163 - 12168	8	1.505	International
S. I. Mogal, D. O. Shah, T. Mukherjee, T. Shripathi, M. P. Mishra	Enhanced photocatalytic efficiency of a least active Ag-TiO ₂ by amine adsorption	ACS Omega	2018	3	12802 - 12812			International
V. Shah, B. Bharatiya, V. Patel, M. K. Mishra, A. D. Shukla, D. O. Shah	Interaction of salicylic acid analogues with Pluronic® micelles: Investigations on micellar growth and morphological transition	Journal of Molecular Liquids	2019	277	563-570		4.561	International
V. Shah, B. Bharatiya, M. P. Mishra, D. Ray, D. O. Shah	Molecular insights into sodium dodecyl sulphate mediated control of size for silver nanoparticles	Journal of Molecular Liquids	2019	273	222-230	3	4.561	International
T. Parangi, M. P. Mishra	Titania nanoparticles as modified photocatalysts: A review on design and development	Comments on Inorganic Chemistry	2019	39	90-126	2	2.917	International
Vivaksha Patel, Nirav Bhavsar, Manish Kumar Mishra	Study of self and cross coupling reaction of amines to imines using MCM-41 and Al-20-MCM-41 catalysts	Journal of Emerging Technologies and Innovative Research	2018	5	777-782			National
Beena K.	Oxidative cyanide-free	Journal of	2018	39	507-		1.370	International

Vaghasiya, Shailesh P. Sataasia, Rahul P. Thummar, Ronak D. Kamani, Jemin R. Avalani, Nirav H. Sapariya, Dipak K. Raval	cyanation on arylboronic acid derivatives using aryl/heteroaryl thiocyanate using novel IL-PdCl ₂ catalyst under mild condition	Sulfur Chemistry			515			
Piyush N. Kalaria, Sharad C. Karad, Dipak K. Raval	A review on diverse heterocyclic compounds as the privileged scaffolds in antimalarial drug discovery	European Journal of Medicinal Chemistry	2018	158	917-936	21	4.833	International
Ronak D. Kamani, Rahul P. Thummar, Nirav H. Sapariya, Beena K. Vaghasia, Jemin R. Avalani, Vishal B. Purohit, Kirit H. Patel, Dipak K. Raval	Synthesis and crystallographic analysis of 1-(2-chlorophenyl)-3-methyl-4-(p-tolylthio)-1H-pyrazol-5-ol	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences	2019	5(2)	959			National
Pratibha Prasad, Anirudhdha G. Kalola, Manish P. Patel	Microwave assisted one-pot synthetic route to imidazo[1,2-a]pyrimidine derivatives of imidazo/triazole clubbed pyrazole and their pharmacological screening	New Journal of Chemistry	2018	42	12666-12676	3	3.069	International
Nileshkumar D. Vala, Manish P. Patel	Microwave assisted synthesis of halo-aryl-substituted-1H pyrazolopyridine moiety and study on effect of halogen substitution on antimicrobial activity	Heterocyclic Letters	2018	8(2)	385-393			National

Pratik G. Shobhashana, Pratibha Prasad, Anirudhdha G. Kalola, Manish. P. Patel	Synthesis of imidazole derivatives bearing quinoline nucleus catalysed by CAN and their antimicrobial, antitubercular and molecular docking studies	Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences	2018	4(3)	175			National
J. H. Trivedi, U. S. Shah H. C. Trivedi	Grafting of sodium salt of partially carboxymethylated guar gum with acrylonitrile using $K_2S_2O_8$ /ascorbic acid redox initiator	Journal of Advance and Innovative Research	2018	5(4)	49-59			National
J. H. Trivedi, M. K. Prajapati	Graft copolymerization of methyl acrylate onto sodium salt of partially carboxymethylated sodium alginate using redox system: Synthesis, characterization and mechanism	International Journal of Research and Analytical Reviews	2018	5(4)	301-309			National
J. H. Trivedi, U. S. Shah, H. C. Trivedi	Synthesis and characterization of sodium salt of partially carboxymethylated sodium alginate-modified poly(methyl methacrylate)	Journal of Applied Science and Computations	2018	5(11)	2122 - 2130			National
J. H. Trivedi, M. K. Prajapati	Optimization of reaction conditions for grafting of sodium salt of partially carboxymethylated sodium alginate with ethyl methacrylate	International Journal of Advance and Innovative Research	2018	5[4(X X)]	1-10			National
J. H. Trivedi, M.K. Prajapati	Ce(IV)-ion initiated graft copolymerization of methacrylates onto sodium salt of partially carboxymethylated sodium alginate: Characterization and comparison of relative reactivity	International Journal of Advance and Innovative Research	2018	5[4(X X)]	102-111			National
J. H. Trivedi, M. K. Prajapati	Sodium salt of partially carboxymethylated sodium alginate-graft-	Journal of Applied Science and	2018	5(12)	2334 - 2345			National

	oly(butyl acrylate): Synthesis, characterization, kinetics and mechanism	Computations						
J. H. Trivedi, U. S. Shah, H. C. Trivedi	Synthesis and characterization of sodium salt of partially carboxymethylated guar gum-graft -polymethyl acrylate	Journal of Applied Science and Computations	2019	6(1)	3927 - 3937			National
K. P. Thakor, M. V. Lunagariya, B. S. Bhatt, M. N. Patel	Synthesis, characterization and biological applications of some substituted pyrazoline based palladium(II) compounds	Applied Organometal lic Chemistry	2018	32	4523	7	3.581	International
M. V. Lunagariya, K. P. Thakor, B. H. Pursuwani, M. N. Patel	Evolution of 1,3,5- trisubstituted bipyrazole scaffold based platinum(II) complexes as a biological active agent	Nucleosides, Nucleotides and Nucleic Acids	2018	32	455- 483		0.831	International
K.P. Thakor, M.V. Lunagariya, B.S. Bhatt, M.N. Patel	Fluorescence and absorption studies of DNA-Pd(II) complex interaction: Synthesis, electroanalytical investigations and biological activities	Luminescenc e	2019	34	113- 124	6	1.671	International
P.A. Vekariya, P.S. Karia, B.S. Bhatt, M. N. Patel	Half sandwich rhodium (III) and iridium (III) complexes as cytotoxic and metallonuclease agents	Applied Biochemistry & Biotechnolog y	2019	187	556- 569	7	1.797	International
P. A. Vekariya, P. S. Karia, B. S. Bhatt, M. N. Patel	Effect of substituents on the biological activities of piano stool η^5 - cyclopentadienyl Rh(III) and Ir(III) complexes	Journal of Inorganic & Organometal lic Polymers and Materials	2018	28	2749 - 2758	6	1.754	International
K. P. Thakor, M. V. Lunagariya,	Bipyrazole based palladium(II) complexes as DNA	Monatshefte für Chemie - Chemical	2018	35	2925 -293	1	1.28	International

B. S. Bhatt, M. N. Patel	intercalator and artificial metallonuclease	Monthly						
DEPARTMENT OF COMPUTER SCIENCE								
Shreya Bhavasara and Dr. D. B. Shah	The model of Multilingual Multimedia based Crop Disease Identification	International of Management, IT and Engineering.	June 2018	Vol 8 Issue 6	391- 397		7.119	International
Hiral A. Patel and Dipti B. Shah	Review on Watermarking Scheme for Digital Image Authentication, Tampering and Self Recovery.	International Journal of Computer Sciences and Engineering	June 2018	Vol 6 Issue 6	1245 - 1250		2.15	International
Jinal Tailor and Dipti Shah	Development of Algorithm to Detect End of Utterance in Continuous Speech for Gujarati Language	International Archive of Applied Sciences and Technology	June 2018	Vol 9 Issue 2	41- 44		3.95	International
Shreya Bhavasara and Dr. D. B. Shah	Multilingual Multimedia based crop disease assistant	International Journal of Management, IT and Engineering.	July 2018	Vol 8 Issue 7	114- 123		7.119	International
Nidhi Desai and Dr. D.B. Shah	Analysis on Human Behavior Traits Using Intelligence Palmistry	International Journal of Computer Sc. and Eng (IJCSE)	July 2018	Vol 6 Issue 7	1517 - 1520		3.022	International
Krunalkumar N. Patel*, Saurabh A. Shah, and Dipti B. Shah	Robust and Secured Digital Audio Watermarking using Improved DWT- SVD-DFT Approach	International Journal of Research in Electronics and Computer Engineering(IJ JRECE)	July 2018	Vol 3 Issue 12	1112 - 1117		4.305	International
Dr. R D Gaharwar and D B Shah.	Use of Degree Centrality Principle in Deciding the Future Leader of the Terrorist Network.	International Journal of Scientific Research in Science and Technology(IJ SRST)	July 2018	Vol 4 Issue 9	303- 310		5.32 7	International
Dr. R D Gaharwar and Prof Dipti Shah.	Blackhat Search Engine Optimization Techniques (SEO) and Counter Measures.	International Journal of Scientific Research in Science and Technology	Nov 2018	Vol 4 Issue 11	27- 32		5.32 7	International ISSN: 2395- 602X

Krunalkumar N. Patel*, Saurabh A. Shah, Dipti B. Shah	Performance Evaluation of Digital Audio Watermarking	International Journal of Research in Electronics and Computer Engineering (IJRECE)	July-2018	Vol 6 Issue 3	2036 - 2044		4.305	International
B.B.Patel & D.B.Choksi	A Comparative Study of Web Service Testing Tools	Journal of Emerging Technologies and Innovative Research	Oct 2018	Vol 5 Issue 10			5.87	International
Virparia P V, Navtej Bhatt	Comparison of Data Mining Classification Method for Predicting Crop Water Requirement	International Journal of Scientific Research in Computer Sc., Engineering and Information Technology	MAY 2018	Vol 3 Issue 5	34-40		4.032	International ISSN: 2456-3307
Virparia P V, Pankaj Parsania	Computational Time Complexity of Image Interpolation Algorithms	International Journal of Computer Sciences and Engineering	July 2018	Vol 6 Issue 7	491-496		3.022	International ISSN : 2347-2693
Virparia P V, Hardik A Vyas	Transliteration of Braille Character to Gujarati Text - The Model	International Journal of Engineering Research & Technology	July 2018	Vol 7 Issue 7	329-332		7.86	International ISSN : 2278-0181
Virparia P V, Mona G Dave	CsSyllabusLOR: Computer Science Syllabus Learning Object Repository	International Journal of Computer Sciences and Engineering	JAN 2019	Vol 7 Issue 1	694-696		3.022	International ISSN : 2347-2693
Virparia P V, Hardik A Vyas	Transliteration of Braille Character to Gujarati Text – The Application	International Journal of Computer Sciences and Engineering	Feb 2019	Vol 7, Issue2	701-705		3.022	International ISSN: 2347-2693
Dr. Amisha Shingala and Prof. Priti S Sajja	Innovative Feature Selection For Effective Context Resolution Using Natural Language Query Interface	National Journal of System and Info Technology	June 2018	Vol 11 Issue1	1-9	--	3.8	National
Dave P R	Classifying	International	Sept	Vol 6	480-	--	3.02	International

and Prof. P S Sajja	Sequences of Market Profile using Deep Learning	Journal of Computer Sciences and Engineering,	2018	Issue 9	485			UGC No. 63193
Prof. Priti Srinivas Sajja and Amisha Singhala	Role of Technology in Women Safety: Review of Models, Techniques and Applications	Journal of Emerging Technologies and Innovative Research	Sept 2018	Vol 5 Issue 9	--	--	5.87	International
Prof. Priti Srinivas Sajja, Shah K and Bajaj S V	A Study on Challenges and Obstacles of Women in Adaption of Ecommerce Tech: State of the Art	E - Commerce for Future & Trends (ECFT), STM Journals	Sept 2018	Vol 5 Issue 3	--	--	5.87	International e-ISSN:- 2454-9347 ISSN: 2454-9347
Saiyed, S. and Prof. P.S. Sajja	Architecture for hybrid genetic fuzzy system for text summarization	International Journal of Computer Sciences and Engineering	June 2018	Vol 6 Issue 6	986-989	--	3.02	International
Mr. B. B. Patel, Dr. D. B. Choksi	A Comparative Study of Web Service Testing Tools	Int Journal of Emerging Technologies and Innovative Research	2018	Vol 5 Issue 10	366-368		5.87	International
Dr. Birajkumar V. Patel, Dr. R D. Gaharwar	Search Engine Optimization (SEO) using HTML Meta-Tags	Int Journal of Scientific Research in Science and Technology	2018	Vol 4 Issue 9	298-302		5.327	International
Mr. Hemang Desai, Dr. Birajkumar v. Patel	Search engine optimization using local language	Int Journal of Computer Sciences and Engineering	2018	Vol 6 Issue 7	1238 - 1239		3.022	International
Mr. Ashish Joshi, Dr. Birajkumar V. Patel	Comparative Study of Different Classification Algorithms for Stream Data Mining Using MOA	Int Journal of Comp Sc and Engineering	2018	Vol. 6 Issue 1	814-616		3.022	International
Pankti Bhatt, Jeegar A Trivedi	Snag Location and Shirking Robot utilizing Arduino	Int. Journal of Scientific Research in Comp Sc, Eng and Information	2018	Vol. 3 Issue 3	466-469		4.032	International ISSN: 2456-3307

		Technology						
Hemina Bhavsar, Jeegar A Trivedi	Recognize Number of fingers from Single hand gesture Image using Image processing and Neural Network	International Journal of Computer Sciences and Engineering	2018	Vol 6 Issue 5	349-352		3.022	International E-ISSN: 2347-2693
Hemina Bhavsar, Jeegar A Trivedi	Image Processing Approach For Recognize Numeric Sign from Single Hand Gesture Image Using Neural Network	International Journal Of Research In Electronics And Computer Engineering	2018	Vol 6 Issue 3	464-467		3.702	International ISSN: 2393-9028 (PRINT) ISSN: 2348-2281 (ONLINE)
Pankti Bhatt, Jeegar A Trivedi	Development of Snag Discovery Robot utilizing Arduino and Ultrasonic Sensor	International journal of computer sciences and engineering	2018	Vol 6 Issue 9	371-373		3.022	International E-ISSN: 2347-2693
Pankti Bhatt, Jeegar A Trivedi	IR Line Tracking 4WD Robot utilizing Arduino Microcontroller	Journal of Emerging Technologies and Innovative Research	2019	Vol 6 Issue 1	411-415		5.87	International ISSN: 2349-5162

DEPARTMENT OF ELECTRONICS

Vaishnav BS, Vaishnav SB, Vaishnav Vibha S, Bharucha N D, Varma J R	Transformative Effects of Yoga-Nidra on Hedonic and Eudemonic Dimensions of Well-being: A Qualitative Study in Trainee Teachers	International Journal of Yoga-Philosophy and Parapsychology	2018	7 IP:42.10 6.42.189	17-23	-		International
Vaishnav BS, Vaishnav S B, Vaishnav Vibha S, Varma J R	Effects of Yoga-nidra on adolescent well-being: A mixed method study	International Journal of Yoga	2018	Vol.11, Issue 3	245-8	-		International
Vaishnav BS, Vaishnav SB, Vaishnav Vibha S, Bharucha N D, Varma J R	Transformative Effects of Yoga-Nidra on Hedonic and Eudemonic Dimensions of Well-being: A Qualitative Study in Trainee Teachers	International Journal of Yoga-Philosophy and Parapsychology	2018	7 IP:42.10 6.42.189	17-23	-		International
B.H.Patel &	DC and AC Electrical	IJRECE	2018	6	1340	-		International

V.D.Dhamecha	properties of flash evaporated ZnGa ₂ Se ₄ thin films			ISSN:2393-9028				
DEPARTMENT OF HOME SCIENCE								
Tejashri Trivedi, V.H.Patel & Rema Subhash	“Association between Maternal factors and Birth weight of children from a selected village of Anand District”	Research and Reviews: A Journal of Health Professions ISSN: 2277-6192 (Online)	March-2018	8(3)	21-24	-	-	STM Journal
Minal Chauhan, Rema Subhash	“Assessing Calcium Intake in perimenopausal women from Anand City”	Research and Reviews: A Journal of Health Professions ISSN:2277-6192	March-2018	8(3)	12-20	-	-	STM Journal
Namrita Kola	Emerging Challenges in Indian Textile Industry and Strategies to Overcome them	Ajanta	2018	8(2) Part III	22-29			National
Poonam Oza and Namrita Kola	Effect of Stitches and Seams on Quality of Readymade garments	Journal of Emerging Technologies and Innovative Research	2018	5(11)	164-168			National
Alpana Shah and Namrita Kola	Textile Waste Recycling – A Novel Approach	Journal of Emerging Technologies and Innovative Research	2018	5(11)	361-367			National
Vimal B. Jayswal, Vinayak H.Patel and Neeta R Dave	“Effect of Incorporation of Fresh Basella alba Leaves on Sensory attributes and Antioxidant Potential of a traditional Indian Product Biwadi	International journal of Pure and Applied Bioscience(IJ PAB)	2019	Vol.7 Issue-1	425-434		6.52 5(SJ IF20 18)	International
Revati Shah, Vinayak H.Patel and Neeta Dave	Oxidative stress in Vitamin B ₁₂ Deficient female subjects(30-50 years)	International journal of Pure and Applied Bioscience(IJ PAB)	2019	Vol.7 Issue-1	412-419		6.52 5(SJ IF20 18)	International

Diksha Patel and Viraj Roghelia	Awareness and Practices of Menstruation Among Rural Females	<i>Research & Reviews: A Journal of Health Professions</i>	2018	8(Issue 3 Special)	25-30	--	--	UGC approved -48949 International
Rathod Alpa S, Viraj Roghelia	and Practices Related to Breast Feeding among Lactating Mothers Residing in Anand and Vallabh Vidyanagar.	<i>Research & Reviews: A Journal of Health Professions</i>	2018	8(Issue 3 Special)	31-38	--	--	UGC approved -48949 International
Viraj Roghelia	Effect Of Supplementation Of Prickly Pear Juice On The Antioxidant Status Of Young Adult Females	Journal of Pure and Applied Sciences	2018	Volume 26	104-111	--	--	Local

DEPARTMENT OF IICISST

Tripti Dadheech, Subhash Jakhesara, Prakram Singh Chauhan, Ramesh Pandit, Ankit Hinsu, Anju Kunjadiya, Dharamshibha Rank, Chaitanya Joshi	Draft genome analysis of lignocellulolytic enzymes producing <i>Aspergillus terreus</i> with structural insight of β -glucosidases through molecular docking approach.	International Journal of Biological Macromolecules	March 2019	125	181-190	01	4.78	International
Anju Kunjadiya, Khushal Patel and Palak Rahevar	Study on Biofilm forming ability of <i>Staphylococcus</i> spp. isolated from Bovine Mastitis milk	International Journal of Pharmacy and Biological Sciences	March 2019	9 (01)	1286 - 1291	00	0.88	National
Tripti Dadheech, Ravi Shah, Ramesh Pandit, Ankit Hinsu, Prakram Singh Chauhan, Subhash Jakhesara, Anju Kunjadiya,	Cloning, molecular modeling and characterization of acidic cellulase from buffalo rumen and its applicability in saccharification of lignocellulosic biomass.	International Journal of Biological Macromolecules	July 2018	113	73-81	09	4.78	International

Dharamshibha Rank, Chaitanya Joshi								
Rakesh V. Patel, R. H. Patel, and S. H. Chaki	Synthesis and Characterization of 2D Graphene Sheets from Graphite Powder	American Institute of Physics Conference Proceedings	May 2018	1961 (1)	030002	00	0.37	International
DEPARTMENT OF MATERIAL SCIENCE								
Patel, R. H., Kachhia, P. H., Patel, K. S., & Shah, M. D.	Synthesis of diphosphorus-based polyurethane esters and their application in flame-retardant nanoclay coatings	Polymer Bulletin	2019	76(3)	1183-1198	--	1.589	International
Patel, R. H., & Kapatel, P. M.	Studies on the effect of the size of waterborne polyurethane nanoparticles on properties and performance of coatings	International Journal of Polymer Analysis and Characterization	2019	24(1)	1-9	--	1.333	International
Patel, R., & Kapatel, P.M.	Waterborne polyurethanes: A three step synthetic approach towards environmental friendly flame retardant coatings	Progress in Organic Coatings	2018	125	186-194	1	3.005	International
Patel, R. H., Sharma, S., Pansuriya, T., Malgani, E. V., & Sevani, V.	Fabrication and characterization of high impact hybrid matrix composites from thermoset resin and dyneema-glass fabric reinforcement	AIP Conference Proceedings	2018	1953	090026-1to4	--	--	International
Patel, R. H., Kachhia, P. H., Patel, S. N., Rathod, S. T., & Valand, J. K.	Studies on fabrication of glass fiber reinforced composites using polymer blends	AIP Conference Proceedings	2018	1953	090027-1to4	--	--	International
Patel, R. V., Patel, R. H., & Chaki, S. H.	Synthesis and characterization of 2D graphene sheets from graphite powder	AIP Conference Proceedings	2018	1961	030002-1to5	--	--	International
V. D.B.C. Dasireddy, Blaz	Preferential oxidation of CO in H ₂ /H ₂ O/CO ₂ water-gas shift	Applied Catalysis B: Environment	2018	Vol. 23	1044 - 1058	04	14.22	International

Likozar, Jignesh Valand	feedstocks over Cu-based carbon nanotubes-supported heterogeneous catalysts	al						
Jignesh Valand, V.D.B.C. Dasireddy, A. S. Mahomed and Holger Friedrich	Transition Metal Oxide Supported on Alumina Catalysts: A Comparative Study for the Hydrogenation of Octanal	South African Journal of Chemistry	2018	Vol. 71	135-139	Nil	0.6	International

DEPARTMENT OF MATHEMATICS

A.H. Hasmani and Ahmed M. Al-Haysah	Exact solution for Szekeres inhomogeneous cosmological models in STT of gravity	Prajna-J. of Pure and Appl. Sciences	2018	26(1)	112-119			National
A.H. Hasmani and Ahmed M. Al-Haysah	Some exact Bianchi types cosmologies in scalar tensor theory of gravitation	Asia Pacific J. Math.	2019	6(4)	1-15			International
A.H. Hasmani and Ahmed M. Al-Haysah	Exact solutions for Bianchi type-I cosmological models in f(R) theory of gravity	Applications and Applied Maths	2019	14(1)	334-338			International
H. V. Dedania and H. J. Kanani	Characterization of Gelfand Space of the Banach Algebra $A \times_d B$ with Direct-sum Product	Mathematics Today	April-2018	Spe. Issue (34) (A)	188-194			State
H. V. Dedania and H. J. Kanani	Spectral properties of the Banach algebra $A \times_d B$ with direct-sum product	International Journal of Science and Research	2019	8(8)	318-323			International
H. V. Dedania and H. J. Kanani	Various Spectral Properties of the Banach algebra $A \times_c I$ with convolution product	International Journal of Mathematics and Its Applications	2019	7(4)	9-14			International
H. S. Mehta & U. P. Acharya	Distance Product of Graphs	Appl. & Applied Math.: An Inter. J.,	June, 2018	Vol.13, No. 1	190-198			International
H. S. Mehta & U. P. Acharya	Degree & Distance in 2-Cartesian Product of Graphs	Research & Review: Discrete	Nov.-2018	Vol. 5, No. 3	11 – 14			National

		Mathematical Structures (RRDMS)						
H. S. Mehta R. D. Mehta & A. N. Roghelia	Joint TZD and related results for Cartesian Product of Real Banach Algebras	J. of Emerging Technologies and Innovative Research (JETIR)	Nov.-2018	Vol. 5, No. 11	673-676			National
H. S. Mehta R. D. Mehta & D. R. Patel	Some applications of measures on the Cartesian product	J. of Emerging Technologies and Innovative Research (JETIR)	Nov.-2018	Vol. 5, No. 11	721-724			National
Jyotindra C. Prajapati	Fractional Calculus and Applications of family of extended generalized Gauss hypergeometric Functions,	Discrete & Continuous Dynamical Systems – S	March 2019	12 (3)	1-28	4	0.78	International
Jyotindra C. Prajapati	Spline collocation approach to study Brachistochrone problem	Proyecciones Journal of Mathematics	March 2019	38 (2) (2019)	351-360	3	0.42	International
S J Ghevariya	BSM European Put Option Pricing Formula for ML-Payoff Function with Mellin Transform	International Journal of Mathematics and its Applications	2018	6(2)	33-36		-	International
S J Ghevariya	BSM Model for ML-Payoff Function through PDTM	Asian-European Journal of Mathematics	2018	-			-	International

DEPARTMENT OF PHARMACEUTICAL SCIENCE

Ketan Variya, Vijaykumar Parmar, Mili Trivedi, Manan Raval, Nandhibatla Sastry	Determination of Protodioscin in Rabbit Plasma by LC-MS/MS Method: Application to Preclinical Pharmacokinetics	Current Pharmaceutical Analysis	2018	14, 4	373-381	0	0.859	International
Kunti Abhishek Shah, Vijay Parmar	Application of Cocrystallization Approach in Drug Development: Recent Patents Review	Recent Patents on Nanotechnology	2018	12, 2	143-154	1	1.475	International
Nizam Patel,	A Sensitive High-	Pharmaceutic	2018	24, 2	131-	2	0.638	International

Vijaykumar Kunvarji Parmar	Performance Thin Layer Chromatography Method for Simultaneous Determination of Salbutamol Sulphate and Beclomethasone Dipropionate from Inhalation Product	al Science			140			
Saumil Patel and Vijaykumar Parmar	High Performance Thin Layer Chromatographic Method for Simultaneous Estimation of Piperine and 6-Gingerol in Trikatu Churna	Prajna – Journal of Pure and Applied Sciences	2018	26	96-103	-	-	National
S.J. Parmar, B.A. Patel, H. Padh	Development and Validation of Q-Absorbance Ratio spectrophotometric method for Simultaneous estimation of Mangiferin and Berberin HCl in bulk and synthetic mixture	International Journal of Pharmaceutical Sciences and Research	August 2018	Vol 9 Issue (8)	3355-3359	-	1.11	International

DEPARTMENT OF PHYSICS

Dineshkumar Prajapati, Hitesh Yadav, P.C. Vinodkumar, Chetan Limbachiya, Amar Dora, Minaxi Vinodkumar	Electron impact scattering study on chlorobenzene	The European Physical Journal D	2018	72 & 12	210	3	1.393	International
Shivam Patel, SH Chaki, P. C. Vinodkumar	Effect of indium and antimony doping on the transport properties of direct vapour transport (DVT) grown SnSe single crystals	Journal of Applied Physics	2019	124 & 21	215103	1	2.328	International
G. K. Solanki, Y. A. Patel and M. K.	Anisotropy of electrical resistivity in PVT grown WSe_{2-x}	Indian Journal of Physics	May, 2018	92 (5)	615-618.	0	1.242	International

Agarwal	crystals							
C. U. Vyas, Pratik Pataniya, Chetan K. Zankat, Alkesh B. Patel, V. M. Pathak, K. D. Patel, and G. K. Solanki	Photosensitive space charge limited current in screen printed CdTe thin films	AIP Conference Proceedings	2018; doi: 10.1063/1.5035226	1961 (1)	030024	1		International
Kunjal Patel, G. K. Solanki, Pratik Pataniya, and K. D. Patel	Growth and photo-response of NbSe ₂ and NbS ₂ crystals	AIP Conference Proceedings	2018; doi: 10.1063/1.5035223	1961 (1)	030021	1		International
Vijay Dixit, Chirag Vyas, V. M. Pathak, G. K. Soalanki, and K. D. Patel	Structural and optical properties of WTe ₂ single crystals synthesized by DVT technique	AIP Conference Proceedings	2018; https://doi.org/10.1063/1.5032798	1953,	070020	1		International
Payal Chauhan, G. K. Solanki, Mohit Tannarana, Pratik Pataniya, K. D. Patel, and V. M. Pathak	Investigation of transient photoresponse of WSSe ternary alloy crystals	AIP Conference Proceedings	2018; doi: 10.1063/1.5035230	1961 (1)	030028	0		International
Vijay Dixit, Chirag Vyas, Abhishek Patel, V. M. Pathak, G. K. Solanki, and K. D. Patel	Growth, morphological properties and pulsed photo response of MoTe ₂ single crystal synthesized by DVT technique	AIP Conference Proceedings	2018; https://doi.org/10.1063/1.5035219	1961 (1)	030017	3		International
Salil Nair, Jolly Joy, K. D. Patel,	Effect of doping on all TMC vertical heterointerfaces	AIP Conference Proceedings	2018; DOI 10.1	1961 (1)	030008	0		International

Pratik Pataniya, G. K. Solanki, V. M. Pathak, & C. K. Sumesh			<u>063/1.5035210</u>					
Vijay Dixit, Salil Nair, Jolly Joy, C.U. Vyas, G.K. Solanki, K.D. Patel and V.M. Pathak	Growth, characterization and photoconduction properties of $Sb_{0.1}Mo_{0.9}Se_2$ single crystals grown by DVT technique	Materials Science in Semiconductor or Processing	17 th July, 2018	88	1-9	3	2.722	International
Pratik Pataniya, G.K. Solanki, Chetan K. Zankat, Mohit Tannarana, K. D. Patel and V. M. Pathak	Giant humidity responsiveness of WSe_2 nanosheets for novel electronic listening and touchless positioning interface	Journal of Materials Science: Materials in Electronics https://doi.org/10.1007/s10854-018-00593-2 (10)	10 th January, 2019	30(3)	3137-3143	3	2.195	International
Abhishek Patel, Pratik Pataniya, Sharad Babu Pillai, G. K. Solanki, P. K. Jha, K. D. Patel and V. M. Patha Pathak	Structural and electrical properties of $Sb_xW_{1-x}Se_2$ ($x=0,0.5$) ternary alloys	Mater. Res. Express	27 th February, 2019	6(5)	055917	1	1.449	International
Mohit Tannarana, Pratik Pataniya, Chetan Zankat, G. K. Solanki, K. D. Patel and V. M. Pathak	Transient photoresponce of infrared photodetector based on $Sb_{0.1}Sn_{0.9}Se_2$ ternary alloy	Materials Research Express,	15 th March, 2019	6 (6)	065906	0	1.449	International
Mohit Tannarana, G. K. Solanki, K. D. Patel, V. M. Pathak and Pratik Pataniya	Effect of off-stoichiometry on properties of tin selenide crystals	Bulletin of Materials Science,	7 th March, 2019	42(2)	79	1	1.264	International
Sanjay A.	Sonochemical	Materials	16 th	98	13-18	1	2.722	International

Bhakhari, Nashreen F. Patel, Chetan K. Zankat, Mohit Tannarana, G.K. Solanki, K.D. Patel, V.M. Pathak and Pratik Pataniya	exfoliation and photodetection properties of MoS ₂ Nanosheets	Science in Semiconductor or Processing	March, 2019						
Vrutika Patel, Milind P Deshpande, Ashok Pandey, Christian Larroche, Datta Madamwar	Nanobiocatalysis for the Synthesis of Pentyl Valerate in Organic Solvents: Characterization, Optimization and Reusability Studies	Current Biotechnology	2018	7(2)	105-114	1			International
Tasmira J Malek, SH Chaki, JP Tailor, MP Deshpande	Nonisothermal decomposition kinetics of pure and Mn-doped Fe ₃ O ₄ nanoparticles	Journal of Thermal Analysis and Calorimetry	2018	132(2)	895-905	5	2.471		International
Jiten P Tailor, Ankurkumar J Khimani, Sunil H Chaki, MP Deshpande	Thermal decomposition study of manganese sulfide (MnS) nanoparticles	AIP Conference Proceedings	2018	1953 (1)	030197	1			International
MP Deshpande, Krishna Chauhan, Kiran N Patel, Piyush Rajput, Hiteshkumar R Bhoi, SH Chaki	Study of Sb ₂ S ₃ thin films deposited by SILAR method	Materials Research Express	2018	5(5)	056410	1	1.449		International
Nikita H Patel, MP Deshpande, SH Chaki	Influence of Co-doping on the optical and magnetic properties of CdS nanoparticles	Journal of Materials Science: Materials in Electronics	2018	29(13)	11394-11403	5	2.195		International

Tasmira J Malek, SH Chaki, MD Chaudhary, JP Tailor, MP Deshpande	Effect of Mn Doping on Fe ₃ O ₄ Nanoparticles Synthesized by Wet chemical Reduction Technique	Iranica Journal of Energy and Environment	2018	9(2)	121-129	2		International
Krishna Chauhan, MP Deshpande, Kiran N Patel, SH Chaki, Swati Pandya	Structural, morphological and vibrational properties of Bi substituted Sb ₂ S ₃ nanoparticles	Materials Research Express	2018	5(10)	105005		1.449	International
Reena R Meena, Sunil Chaki, Ankurkumar J Khimani, MP Deshpande	Transformer oil degradation study by chromatography, spectroscopy and dissolved gas analysis.	Petroleum & Coal	2018	60(5)	872-878	2		International
Kiran N Patel, MP Deshpande, Vivek P Gujarati, Swati Pandya, Vasant Sathe, SH Chaki	Structural and optical analysis of Fe doped NiO nanoparticles synthesized by chemical precipitation route	Materials Research Bulletin	2018	106	187-196	5	3.355	International
Kiran N Patel, MP Deshpande, Krishna Chauhan, Piyush Rajput, Vivek P Gujarati, Swati Pandya, Vasant Sathe, SH Chaki	Effect of Mn doping concentration on structural, vibrational and magnetic properties of NiO nanoparticles	Advanced Powder Technology	2018	29(10)	2394-2403	2	3.250	International
Sanjaysinh M Chauhan, Sunil H Chaki, MP Deshpande, Jiten P Tailor, Ankurkumar J Khimani, Amitsinh V Mangrola	Synthesis, characterization and antimicrobial study of wet chemical synthesized CuInSe ₂ nanoparticles	Nano-Structures & Nano-Objects	2018	16	200-208	8		International
Tasmira J	Structural,	Physica B:	2018	546	59-66	1	1.453	International

Malek, Sunil H Chaki, MP Deshpande	morphological, optical, thermal and magnetic study of mackinawite FeS nanoparticles synthesized by wet chemical reduction technique	Condensed Matter						
Sanjaysinh M Chauhan, Sunil H Chaki, Jiten P Tailor, MP Deshpande	Thermal study of wet chemical synthesized CuInSe ₂ nanoparticles	The European Physical Journal Plus	2018	133 (10)	147		2.612	International
Ankurkumar J Khimani, Sunil H Chaki, Sanjaysinh M Chauhan, MP Deshpande	Influence of deposition techniques on quality and photodetection properties of tin disulfide (SnS ₂) thin films	Journal of Materials Science: Materials in Electronics	2019	30(14)	1-16		2.195	International
Reena R Meena, Sunil H Chaki, Ankurkumar J Khimani and M P Deshpande	Synthesis, characterization of CuO nanostrips and ultrasonic study of CuO-transformer oil nanofluids	Materials Research Express	2019	6(4)		2	1.449	International
Ankurkumar J Khimani, Sunil H Chaki, MP Deshpande, Sanjaysinh M Chauhan, Jiten P Tailor	Alloy engineering to promote photodetection in In _x Sn _{1-x} S ₂ and Sb _x Sn _{1-x} S ₂ ternary alloys	Materials Letters	2019	236	187-189	3	3.019	International
Ankurkumar J Khimani, Sunil H Chaki, MP Deshpande, Jiten P Tailor	Study of indium and antimony incorporation into SnS ₂ single crystals	Journal of Crystal Growth	2019	507	180-188	4	1.573	International
S. G. Khambholja, Agraj Abhishek, D. D. Satikunvar, and B. Y. Thakore	Thermophysical properties of Pb-Li	American Institute of Physics	10/04 /2018	1942 (1)	030021	0	---	International

S. G. Khambholja, D. D. Satikunvar, Agraj Abhishek and B. Y. Thakore	Structural properties of lead-lithium alloys	American Institute of Physics	08/05 /2018	1953 (1)	030285	0	---	International
Chetan Zankat, Pratik Pataniya, G. K. Solanki and K. D. Patel	Tuning of photodetection properties of $V_{0.5}Sn_{0.5}Se_2$ ternary alloy	Materials Research Express	May, 2018	5(5)	056207	7	1.449	International
Vishva Jain, Dimple Shah, KD Patel and Chetan Zankat	Structural, compositional and optical properties of spin coated MoO_3 thin film	AIP Conference Proceedings	11 th May-2018	1961 (1)	030023	0		International
Ho Soon Min, CU Vyas, Pratik Pataniya, KD Patel and Somnath Mahato	A short review of CdTe and CdSe films: growth and characterization	Mediterranean Journal of Chemistry	1 st August, 2018	7(2)	115-124	2		International
Mathew Roshan, Kirit D Patel and Vivek M Pathak	Conduction mechanism in vapour transport grown tellurium rich cadmium telluride crystals	Materials Research Express	16 th November, 2018	6(2)	026306	0	1.449	International
Chetan K. Zankat , Pratik Pataniya, Mohit Tannarana, G.K. Solanki, K.D. Patel and V.M. Pathak	Promoting photoresponse of resistive detector based on $V_{0.15}Sn_{0.85}Se_2$ ternary alloy	Materials Science in Semiconductor Processing	December ,2018	91	383–386	3	2.722	International
Chetan K. Zankat, Pratik Pataniya, Mohit Tannarana, G. K. Solanki , K. D. Patel	High performance humidity sensor based on $V_{0.5}Sn_{0.5}Se_2$ ternary alloy	Journal of Materials Science: Materials in Electronics	12 th February, 2019 https://doi.org/10.100	30(6)	6065-6070	0	2.195	International

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Alkesh B. Patel, Hiren K. Machhi, Payal Chauhan, Som Narayan, Vijay Dixit, Saurabh S. Soni, Prafulla K. Jha, Gunvant K. Solanki, Kireetkumar D. Patel, and Vivek M. Pathak	Electrophoretically Deposited MoSe ₂ /WSe ₂ Heterojunction from Ultrasonically Exfoliated Nanocrystals for Enhanced Electrochemical Photoresponse	ACS Appl. Mater. Interfaces	Jan., 2019	11(4)	4093–4102	3	8.546	International
Pratik Pataniya, G.K.Solanki, Chetan K. Zankat, Mohit Tannarana, C.K.Sumesh, K.D.Patel and V.M.Pathak	Fabrication and photoresponse of n-WS ₂ /p-V _{0.25} W _{0.75} Se ₂ van der Waals heterojunction	Pramana – J. Phys.	1 st Augu st, 2018	91(3)	41 (1-5).	1	1.185	International
Mohit Tannarana, Pratik Pataniya, G.K. Solanki, Sharad Babu Pillai, K.D. Patel, Prafull K. Jha, V.M. Pathak	Influence of alloy engineering on structural and photo detection properties of Sb _x Sn _{1-x} Se ₂ ternary alloys	Applied Surface Science	21 st Augu st, 2018	462	856–861	1 0	5.155	International
Chetan Zankat, Pratik Pataniya, G. K. Solanki and K. D. Patel	Tuning of photodetection properties of V _{0.5} Sn _{0.5} Se ₂ ternary alloy	Materials Research Express	May, 2018	5(5)	056207	7	1.449	International
Ankurkumar	Cadmium sulphide	Materials	2018	5 (3)	36406	1	1.45	International

J. Khimani, Sunil H. Chaki, Tasmira J. Malek, J. P. Tailor	(CdS) thin films deposited by chemical bath deposition (CBD) and dip coating techniques – a comparative study.	Research Express			(11 pages)	2		
Janki Shah, Mukesh Ranjan, Sanjeev K. Gupta, A. Satyaprasad, Sunil Chaki and Yogesh Sonvane	Reaction temperature dependent shape-controlled studies of copper-oxide nanocrystals.	Materials Research Express	2018	5(6)	065037	2	1.45	International
Ankurkumar J. Khimani, Sunil H. Chaki, Sanjaysinh M. Chauhan, Amitsinh V. Mangrola, Reena R. Meena and M. P. Deshpande	Synthesis, characterization, antimicrobial and antioxidant study of the facile sonochemically synthesized SnS ₂ nanoparticles.	Nano-Structure & Nano-Objects	2019	18	100286 (13 pages)	2	4.02	International
Swati Pandya, L.S. Sharath Chandra and V. Ganesan	Effect of light and heavy rare earth mixing on the properties of Nd _{1-x} Gd _x Co ₂	Journal of Physics D: Applied Physics	2018	51	505001	0 0	2.373	International level
DEPARTMENT OF STATISTICS								
P. A. Patel and Fagun Shah	A class of estimators of a general parameter of a finite population with auxiliary information on two variables	International Journal of Statistics and Analysis	2018	8(1)	1-7			International
P. A. Patel and Fagun Shah	Regression-type Estimators Based on Two Auxiliary Variables of a Finite Population Mean in Two-phase Sampling	International Journal of Scientific Research in Mathematical and Statistical Sciences	2018	5(5)	144-152			International
P. A. Patel and	Two-phase Ratio-type Estimator of a	International Journal of	2018	5(5)	199-203			International

Fagun Shah	Finite Population Mean	Scientific Research in Mathematical and Statistical Sciences						
Divecha, Jyoti and Raykundaliya, D.P	Cost-Effective Life Test Acceptance Sampling Plans for Generalized Exponential Distribution	International Journal of Statistics and Reliability Engineering	2018	5 (2)	77-83	-	-	International
Jigneshkumar Gondaliya and Jyoti Divecha	Optimal and/or Efficient Two treatment Crossover Designs for Five Carryover Models	International journal of biostatistics	2018	14 (2)	Online https://doi.org/10.1515/ijb-2018-0001	-	1.309	International
Patel, Harshvadan; Divecha, Jyoti; Shah, Amita	Enhanced Production of β -Xylosidase from <i>Aspergillus niger</i> ADH-11 and Development of Synergistic Enzyme Cocktail for Saccharification of Sugarcane Bagasse	Current Biotechnology	2018	7 (4)	273-287	-	-	International
Thomas, B., Parmar N., Adhikari, S. and Raykundaliya, D.	Violence by Intimate Partners A study among Men from Gujarat	Journal of Emerging Technologies and Innovative Research (JETIR)	May. 2018	5 (II)	498-507	0	--	International
Divecha, J.M. and Raykundaliya, D.P	Cost-Effective Life Test Acceptance Sampling Plans for Generalized Exponential Distribution	International Journal of Statistics and Reliability Engineering (IJSRE)	Dec. 2018	5(2)	77-83	0	--	International
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE								
N. D. Oza and Ashok Chaudhary	Chemical Engineering Journals Enclosed by Directory of Open Access Journals: A Systematic Study	International Journal of Library and Information Studies	Oct – Dec 2018	Vol. 8 Issue 4	1 to 9			National
Pillai, S.K.	Utilization of Lime	Recent	2019	Vol. 6	254-			National

& Oza, N.D.	Survey Software for User Study of MICA-KEIC: An Overview	Trends		Issue 1	257			
Nimesh Oza & Meghna Mehta	A study of ICT Skills and Competencies Essential for Corporate LIS Professionals	International Journal of Research and Analytical Reviews	2018	Vol. 5 Issue 4	596-603			National
Jignesh C. Makwana	Library as a profession and professional ethics	KCG - Journal of Multidisciplinary	March – April 2018	Issue 23	1 to 7			National
Jignesh C. Makwana	Relevance of five laws in information technology (IT) environment	KCG - Journal of Multidisciplinary	March – April 2018	Issue 23	1 to 6			National
Jignesh C. Makwana	Role of library in formal and informal education	V- Vidyanagar	May 2018	-	26 to 28			State
Jignesh C. Makwana	Library extension activities	Research Guru	June 2018	Vol.12 Issue 1	1242 to 1249			National
Jignesh C. Makwana	University library & its automation	Research Guru	September 2018	Vol. 12 Issue 2	414 to 424			National
Jignesh C. Makwana	Development of Indian library: Ancient period, medieval period, present period (Before and after independence)	Research Guru	December 2018	Vol.12 Issue 3	1264 to 1270			National
Jignesh C. Makwana	University Librarian - A powerful resource for information and knowledge	V- Vidyanagar	January 2019	-	25 to 29			State
Jignesh C. Makwana	Technical works of university library and its automation	Research Guru	March 2019	Vol.12 Issue 4	367 to 374			National
Lavji N. Zala	Digital Library of Gujarat in Vernacular Language? A Model for Got. of Guj.	World Digital Libraries - An international journal	2019	11(2)	81-105	N A	NA	National (UGC-CARE)

(B) Economics Sciences

DEPARTMENT OF BUSINESS STUDIES

Prof.Sandip K.Bhatt	The Joys and Challenges of	University News	2019	Vol.57 No.33	23-24			National
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	Entrepreneurship							
Prof.Sandip K.Bhatt	A Study on The Service Marketing Mix and Hospitality Marketing Mix : An Overview	Prajna	2018	Vol.20	110-120			State
Prof.Sandip K.Bhatt	A Study on Impact of Mandatory Corporate Social Responsibility Provisions [Section 135] on selected Indian Banks	National Conference on Sustainable Development in Business Along with Societal Changes	2019	Vol.01	65			National
Prof.Sandip K.Bhatt	A Study of Financial Literacy among Millennial in Ahmedabad City	National Conference on Sustainable Development in Business Along with Societal Changes	2019	Vol.01	103			National
Dr.C.K. Sonara	RURAL ENTREPRENEURSHIP – PROBLEMS AND PROSPECTS OF PAPPAD MAKING INDUSTRIES IN RURAL AREAS OF ANAND DISTRICT	RESEARCH REVIEW INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY	2018	VOL. 03 IS.NO - 09	288 - 291		4.184	International
Dr. Y.M. Dalvadi	Measuring the impact of IPO Grading on Stock market performance in Indian Stock	International Journal of Advance and Innovative Research ISSN No.2394-7780	2019	Vol. 6 Issue (xxxV I):	38-42			International
Dr. Y.M. Dalvadi	Measuring IPO Performance of Graded and Non-Graded IPO's In India	International Journal of Research and Analytical Reviews (IJRAR) E-ISSN 2348-1269, P-ISSN 2349-5138	February 2019	Vol. 6, Issue 1	809-901			International
Dr. Y.M. Dalvadi	A Study on Awareness and Perception of Goods and Services Tax in Anand District	SEMCOM Management & Technology Review ISSN-	October 2018	Vol-6 Issue-1	16-24			International

		2321-5968 An International Peer Reviewed Research Journal (Bi-Annual)						
Dr. Y.M. Dalvadi	Measurement of Financial Performance of Selected Three Wheeler And Four Wheeler Automobile Companies in India	International Journal of Advanced and Innovative Research (2278-844)	December 2018	Vol. 7 Issue 12	1-11		3.117	International
Dr. Y.M. Dalvadi	A Study On Financial Performance Of Selected Infrastructure Companies In India	International Journal of Advance and Innovative Research ISSN 2394 – 7780	October 2018	Vol.5, Issue 4 (V)			3.117	International
Dr. Y.M. Dalvadi	An Analysis of Financial Distress of Selected Public Sector Enterprise of India using Springate Score Model	Jour.of Commerce and Trade, Double blind Reviewed, Referred and Indx.In national Jour.l ISSN 0973-4503 UGC Appr.Jour.48687	April 2018	Vol. 13, Number 1			4.173 (ISI).	International
Dr. Y.M. Dalvadi	A Study on Attitude towards Entrepreneurship of Selected Undergraduate students of Gujarat	Synergy Journal of Management, Published by G H Patel PG Institute of Business Management ISSN 0973-922X	June 2018	Vol:20 No-1	32-40			National
Dr. Y.M. Dalvadi	An Analytical Study of perceptive Impact of Implementation of Goods and Services Tax (GST)	Synergy Journal of Management, Published by G H Patel PG Institute of Business Management ISSN 0973-	June 2018	Vol:20 No-1	133-140			National

		922X						
Dr.Y.M. Dalvadi	Students' Preferences for Activity Based Learning in Accountancy Subject: A Study of Anand District	Indian Journal of Accounting (IJA) 131 ISSN : 0972-1479 (Print) 2395-6127 (Online)	June, 2018	Vol. 50 (1)	131-140		2.4602	National
DR.Y.M. Dalvadi	Islamic Banking: A Study of Awareness in Gujarat State	Printing Area, International Multilingual Research Journal(UGC Recognized Journal No: 43053). ISSN: 2394-5303	May 2018	Issue 41, Vol-07	105-111		5.011	International
DR.Y.M. Dalvadi	Impact of Research and Development Expenditure on Profitability of Selected Chemical Companies in India	Printing Area, International Multilingual Research Journal(UGC Recognized Journal No: 43053). ISSN: 2394-5303	May 2018	Issue 41, Vol-07	58-62		5.011	International
Dr. Kamini Shah	The Joys and Challenges of Entrepreneurship	University News	2019	Vol.57 No.33	23-24			National
Dr. Kamini Shah	A Study on Branchless Banking with special reference to Usage of Mobile Banking in Gujarat	National Conference on Sustainable Development in Business along with Societal Changes	2019	Vol.02	56-62			National
Dr. Kamini Shah	A Study on Impact of Mandatory Corporate Social Responsibility Provisions [Section 135] on selected Indian Banks	National Conference on Sustainable Development in Business along with Societal Changes	2019	Vol.01	65-73			National
Dr. Kamini Shah	A Study of Financial Literacy among Millennial in Ahmedabad City	National Conf. on Sustainable Development in Business Along with Societal	2019	Vol.01	103-113			National

		Changes						
Dr._Kamini Shah	A Study on Impact of Merger of Cmc on Financial Performance of Tcs	Indian Journal of Accounting, ISSN-0972-1479 (Print) 2395-6127 (Online)	June-2019	Vol 51(1),	107-112		2.4602	National
Dr._Kamini Shah	A Study on the Adoption Level of Mobile Banking in the State of Gujarat	International Journal of Engineering Research and Management ISSN – 2349-2058 (July - 2019	Vol. 6, Issue - 7	8-11			International
Dr._Kamini Shah	The Adoption Level of Mobile Banking : A Review	International Journal of Engineering Research and Management ISSN – 2349-2058 (Online)	July - 2019	Vol. 6, Issue - 7	46-50			International
Dr._Kamini Shah	A Study on Challenges and Obstacles of Women in Adaption of E-commerce Technologies: State of the Art	STM Journal, E - Commerce for Future & Trends ISSN: 2454-9347 (Online) www.stmjournals.com ECFT (2018) © STM Journals	2018	Volume 5, Issue 3	7-14		5.87	National
Dr._Kamini Shah	A study of Awareness and Perception about Digital Payments among Women in Gujarat	Journal of Emerging Technologies and Innovative Research eISSN: 2349-5162	November-2018	Volume 5 Issue 11	801-819			National
Dr._Kamini Shah	Analysis of Agricultural Commodities at Multi Commodity Exchange in India	Synergy (Journal of Management) ISSN-0973922X	July-Dec. 2018	Vol. 20, No. 2	114-123			National
Dr._Kamini Shah	A Study on Attitude Towards Entrepreneurship of Selected Undergraduate Students of Gujarat	Synergy (Journal of Management) ISSN-0973922X	Jan-June 2018	Vol. 20, No. 2	32-40			National

Dr. Kamini Shah	A Study on Awareness and Perception of Goods and Service Tax in Anand District	SEMCOM Management & Technology Review ISSN-2321-5968	October 2018	Vol. 6 Issue - 1	15-19			International
Dr. Kamini Shah	A Study on Impact of Merger and Acquisition on Financial Performance of Selected Indian Companies	SEMCOM Management & Technology Review ISSN-2321-5968	October 2018	Vol.6 Issue - 1	35-44			International
Dr. Suresh P. Machhar	A comparative study on consumer awareness and consumption level with reference to soft drinks in Anand city	Vidhyavarta-International Research Journal	April-June-2018	Vol: 05, Issue: 22,	PP: 54-57	-	-	International
Dr. Suresh P. Machhar	A Study on Consumer Perception towards Telemarketing: Special Reference to Female Consumers in Anand City	Journal of Emerging Technology & Innovative Research (JETIR), An International open access journal,	November-2018.	Vol. 5 Issue 11	PP: 490-497,	-	-	International
Dr. Suresh P. Machhar	An Empirical Study on Financial Structure of Selected Pharmaceutical Companies in India	Journal of Management Research-GFJMR	January – June 2019.	Vol.18 , Issue: 1,	PP: 44-52,	-	-	International
Dr. Ankur Amin	A study on Performance Measurement of Ahmedabad SEZ units with reference to Balanced Score Card Method	INSPIRA-Journal of Modern Management and Entrepreneurship	Oct 2018	Vol. 8, No-4	159-166			International
Dr. Ankur Amin	A Comprehensive Framework on factors influencing Consumer Impulse Buying Behaviour in Retail environment	RADHANVALI	Nov 2018	Vol. 2, No-4	01-11			National
Dr. Ankur Amin	Special Economic Zones: An Overview of Evolution and Growth with special reference to Gujarat State	Abhinav National monthly Refereed Journal of	Nov 2018	Vol. 7, Issue- 11	06-12			National

		Research in Commerce & Management						
Dr. Ankur Amin	A Study on the Service Marketing Mix and Hospitality Marketing Mix: An Overview	Prajna: Journal of Humanities, S.Sci.& Business Administration	Dec 2018	Vol. 20	110-120			National
Dr. Ankur Amin	A Study on Impact of eWOM (electronic Word of Mouth) on Consumers' Buying Decision	International Journal of Advanced Research in Commerce, Management and Social Science	Jan-Mar 2019	Vol. 2, No-1	29-40			International
Dr. Ankur Amin	An Empirical Study on Capital Structure Determinants of Selected Pharmaceutical Companies in India	International Journal of Advanced Research in Commerce, Management and Social Science	Jan-Mar 2019	Vol. 2, No-2	116-124			International

DEPARTMENT OF ECONOMICS

Dr. Kinjal Ahir (co-authored with Dr. K.M. Joshi)	'Higher Education in India: Issues related to access, equity, efficiency, quality & internationalization'.	Academia	Jan, 2019	vol. 14	ISSN 2241-1402	-	-	International
Dr. Kinjal Ahir	'Trends in Food Grains Production in Gujarat since Independence'	Artha Vikas,	Jan-June 2018	Vol 54, No 1		-	-	National
S.S. Kalamkar, Sonal Bhatt and Hemanta Sharma	Harnessing Solar Power: Farmers' Experience from Western India	Agro-Economic Policy Brief, Centre for Management in Agriculture (CMA), Indian Institute of Management Ahmedabad (IIMA) Vastrapur, A. ba d	2019	Issue 11, June 2019	https://www.iima.ac.in/c/document_library/get_file?uuid=35c572bb-124f-4ca5-9280-f7ca547b0279&groupId=62390	-	-	National
Bhatt, Sonal and S.S. Kalamkar	Harnessing Solar Energy: A Novel Cooperative Initiative	Agro-Economic Policy Brief,	2018	Issue 8, Decem	https://www.iima.ac.in/c/do	-	-	National

	in India	Centre for Management in Agriculture (CMA), Indian Institute of Management A.bad (IIMA), A.bad		ber 2018	document library/getfile?uuid=5fe1e2ae-4513-41db-a5cd-40669cc4cb75&groupId=62390			
Dr. Sonal Bhatt and Parimalsinh Chavda	Implementation of MGNREGS in Gujarat: A Study with Special Reference to Women Labourers	Artha Vikas, Sardar Patel University, Vallabh Vidyanagar	2018	Vol. 54, No.1, Jan.- June	pp:26-33.	-	-	National
H. P. Trivedi & Dr. Vijay S. Jariwala	Quarterly Demand for Money in India- An Empirical Analysis and Mental Health of College Student	Prajna- Journal of Humanities, Social Sciences and Business Administration	December 2018	Vol.20	76-89	-	-	State
J. K. Barot	MGNREGA: An Employment Programme A Case Study of Narmada District	Research Guru Online Journal of Multidisciplinary Subjects	March 2018	Vol.11 Issue 4	441-445	-	3.021	International
Dr. Vijay S. Jariwala & Prof. H. P. Trivedi	Quarterly Demand for Money in India- An Empirical Analysis	Prajna- Journal of Humanities, Social Sciences and Business Administration	December 2018	Vol.20	76-89	-	-	State
Dr. Vijay S. Jariwala & Dhaval Soni	Arth-Vikas- Journal of Economic Development	Social Expenditure and Economic Growth in Gujarat- Econometric Exploration	January- June 2019	Vol. 25 No. 1	37-51	-	-	National
Dr. Vijay S. Jariwala & Dr. Manish R. Patel	Vishleshan (Bi-Annual Peer Reviewed Journal of Research & Readings in Economics)	An Inquiry into Growth aspects of Primary Agricultural Societies of Gandevi Taluka in Navsari District of Gujarat	January- December 2018	Vol. 45 No. 1 & 2	13-21	-	-	National
DEPARTMENT OF M.B.A.								
Jenis Chauhan	Need Based Integrated Information of Village	International Journal of	2018	6 (2),	285-290			International

Dr Yogesh C Joshi	Morikha, Banaskantha District through PRA	Creative Research Thoughts (JCRT),						
Dr. Yogesh C Joshi Manish Kant oja	Review of Agriculture marketing Infrastructure facilities in Districts of Rajasthan	Agricultural Situation in India	2018	LXXV (7)	17-24			National
Dr. Yogesh C Joshi Jeniskumar Chauhan	Pradhan Mantri Jan Dhan Yojana (PMJDY): An Initiative towards Including the Excluded People	International Journal For Innovative Research In Multidisciplinary Field (IJIRMF)	2018	4(7)	25-31			International
Riddhish N Joshi Yogesh C Joshi	An Empirical Study of Expectations Model of Economic Nationalism Among Millennials in South Gujarat	Synergy: A Journal of Management, Sardar Patel University, Vallabh Vidyanagar,	2018	20(2)	21-28			National
Yogesh C. Joshi Darshana R. Dave	Skill Development Programmes: Issues and Challenges in Rural Gujarat	Quarterly Journal of Management Development	2018	49(1)	37-45			National
Sukanta Saha Yogesh C Joshi	4G Communication Technology – Evolution and Impact on Business and Economy in India	Amity Journal of Management	2018	VI (2)	30-36			National
Devvyas Jayprakash Dwivedi Yogesh C Joshi	Productivity in 21st Century Indian Higher Education Institution	International Journal of Human Resource Management and Research (IJHRMR)	2019	9(4)	61-80			International
Darshana R. Dave and Komal Shukla	A study on the sustainable development of education in India—A conceptual Paper, ,	KAAV International Journal of Economics , commerce and Business Management	Mar. 16, 2018	Vol.5 No. 1				International
Poonam Amrutia and Darshana Dave	Prevailing Tenor for Ayurveda in Views of Ayurvedic Practitioners	Asian Journal of Management	Oct.- Dec., 2017	Vol 8, No. 4				National
Yogesh Joshi and	Skill Development Programmes: Issues and	Quarterly Journal of	Jan- June	Vol 49 No. 1				National

Darshana Dave	challenges in Rural Gujarat	Management Development	2018					
Shilpa Abani and Darshana Dave	Outlook of Asian Indians towards entertainment in USA	Synergy- Journal of management	Jan-June 2018	Vol 20 No. 1				National
Gautam Parmar Dr.Raju M Rathod	A Study On Factors Affecting E-Wallet Usage	Elk Asia Pacific Journal of Marketing & Retail Management	2018	Vol. 9 Issue 4	1 to 14			National
RK Renin Singh Raju M Rathod	Which values determine choice between online courses and traditional classroom courses? Perspective of digital natives in gujarat	Asian journal of multidimensional research (AJMR) (Trans Asian Research Journal)	Feb. 2019	Vol 8 Issue 2	1 to 8			National
RK Renin Singh Raju M Rathod	Adoption of e-learning as a supplement and an alternative to traditional classroom courses: a systematic review	Asian journal of multidimensional research (AJMR) (Trans Asian Research Journal)	Mar. 2019	Vol 8, Issue 3	1 to 14			National
Gautam R Parmar Raju M Rathod	Factors Affecting Food Choice: An Empirical Study	Pramana Research Journal	April 2019	Vol. 9, Issue 4	1 to 9			National
Raju m Rathod	A study of knowledge management practices among teachers of Higher education institutions	Prajna journal of Humanities, Social sciences and business administration	December 2018	Vol. 20	1 to 11			State
Mitesh Jayswal & Puja Vora	Demographic Factors Influencing Brand Equity in Context of Advergame	Asian Journal of Research in Business Economics and Management (ISSN 2249-7307)	June 2018	Vol 8 Issue 6	40-53		-	International
Mitesh Jayswal & Rachita Jayswal	Exploring the relationship of pre-purchase service quality with Business Generation for Bencassurance in India	Synergy – Journal of Management (ISSN 0973-922x)	Jan. – June 2018	Vol 20 No.1	58--68		No Information	National
Mitesh	Effect of social	Synergy –	July-	Vol 20	52-58		No	National

Jayswal & Divyang Purohit	networking sites on life of engineering students of Gujarat	Journal of Management (ISSN 0973-922x)	Dec. 2018	No.2			Information	
Kulkarni Vilas and Sheth Pranav	Perception of Party Workers towards Management of Political Parties – an Empirical Study specific to the Political Parties in Gujarat State	International Journal for Research in Engineering Application & Management (IJREAM)	2018	Vol-04, Issue-08,	284-291			International
Kulkarni Vilas	Impact of work life imbalance on employees - A study of executives in Ahmedabad	International Journal of Advance & Innovative Research	2018	Vol. 6, Issue 1 (II),	88-93			International
Kulkarni Vilas	Job related factors affecting achievement motivation of employees in Information Tech., Hospitality and Telecom sectors in Gujarat	Synergy – Journal of Management	2019	Vol. 20, No 2, Jan.- June	67-76			State
Kulkarni Vilas and Dave Bansari	Validation of scale for job related factors affecting achievement motivation	Sumedha Journal of Management,	2019	Vol. 8 Issue 1 Jan. - March,	106-119			
Kulkarni Vilas and Dureja Ranjana	Action Research: A Requisite for Sustainable Development in Indian Education System	International Journal of Advance & Innovative Research	2019	Vol 6, Issue 1 Jan. - March	1-6			International
Kulkarni Vilas and Dave Bansari	Validation of scale for group related factors affecting achievement motivation	Asian Journal of Multidimensional Research (AJMR)	2019	Vol. 8, Issue 3, and March	137-146			
K.S.Prasad	A Study on aspects related to Mgt. and Workers relationship in selected pharmaceuticals and Eng. Industries in the states of Gujarat and Andhra Pradesh	AJANTA	June-2018	Vol. 7, Issue - 2	151-160			International

K.S.Prasad	A study of employee training a few select small and Medium enterprises at Estates of G.I.D.C in the districts of Vadodara and Anand	AJANTA	SEP.-2018	Vol-7, Issue - 3	69-74			International
K. S.Prasad and Rashed Ahmed Abdo Rashed	Human Resource Management in Small – Medium Size Hotels/ Motel a study selected at Yemen	International Journal of Emerging Technologies and Innovative Research	Dec. 2018	Vol.5, Issue 12	576 - 587			International
K. S.Prasad and Akanxa J. Dhamale	A Study on Identifying Work Related Musculoskeletal Injuries and Associated Ergonomic Risk Factors among Different Workers: Systematic Literature Review	Synergy	Dec. 2018	Vol.20 Issue - 2	47 -51			National
Ashish Mehta and Ritesh Patel	Importance of Agriculture sector in Human Development: A study of Gujarat Stae	Synergy: Journal of Management	June 2018	Vol: 20 No. 1	69-74	-	-	National
Dr.Chintan Shah, Dr.Hitesh Parmar	A Study on Calendar Anamolies on NSE Indexes	International Journal of Creative Research Thoughts	2018	Vol. 6, Issue 1	78-88	-	-	International
Dr.Hitesh Parmar	Factors affecting Customer Satisfaction for Organized Retail store	Asian Journal of Research in Marketing	2018	Vol.7 No 3	1-16	-	-	International
Dr.Chintan Shah, Dr.Hitesh Parmar	A Study on Calender Anamolies on BSE Indexes	Research Matrix An International Referred Multidisciplinary Journal of Applied Research	2018	-	Isses-6 Year 5	-	-	International
Anam Natawala Dr.Hitesh Parmar	Green Banking Practices and its relationship with Service Quality, Customer Satisfaction and Customer Loyalty	Synergy Journal of Management	2018	Vol:20 No1	75-80	-	-	National

Dr.Hitesh Parmar, Bhargav Pancholi, Divyesh Bhuptani	An Exploratory analysis of Factors affecting consumer's decision of patronizing a particular Restaurant in Anand and Vadodara	Synergy Journal of Management	2018	Vol. 20 No1	120-132	-	-	National
Dr.Hitesh Parmar, Krutika Zala, Dhruvil Modi	A Study on Parents' Perception Towards Co-Curricular Activity as Career Option	Synergy Journal of Management	2018	Vol:20 No1	105-115	-	-	National
AGRO ECONOMIC RESEARCH CENTRE								
S. S. Kalamkar, M. Swain and S. R. Bhaiya	Estimation of Changes in Income and Cost of Production owing to Changes in Inputs and Hybrid Seeds for Major Crops of Gujarat	Artha Vikas - Journal of Economic Development	July-Dec., 2018	Vol. LIV, kNo. 2	1-11			National
Mrutyunjay Swain, S.S. Kalamkar and Kalpana Kapadia	Adoption of Recommended Doses of Fertilisers on Soil Test basis by Farmers in Gujarat	Artha Vikas - Journal of Economic Development	July-Dec., 2018	Vol. LIV, kNo. 2	12-28			National
S. S. Kalamkar, H. Sharma & M. Makwana	Assessment of the Status of Dairying and Potential to Improve Socio-Economic status of the Milk Producers in Gujarat	Artha Vikas - Journal of Economic Development	July-Dec., 2018	Vol. LIV, kNo. 2	29-38			National
S. S. Kalamkar, H. Sharma and V. K. Boyal	Impact Assessment and Evaluation of Ration Balancing Program (NDP-I) in Gujarat	Artha Vikas - Journal of Economic Development	July-Dec., 2018	Vol. LIV, kNo. 2	29-38			National
M. Swain, S.S. Kalamkar and Hemant Sharma	Working of Pressurized Irrigation Network Systems (PINS) in India	Agricultural Situation in India	Sep. 2018	Vol. LXXV, No. 6	31-41			National
Hemant Sharma, M. Swain and S.S. Kalamkar	Status of Marine Fisheries Sector in Gujarat	Agricultural Situation in India	Aug. 2018	Vol. LXXV, No. 5	25-35			National
H. Sharma, M. Swain	Supply Chain and Market Infrastructures	International Journal of	July Aug.	Vol. 6, No. 4	192-198			National

and S. S. Kalamkar	for Marine Fisher in Gujarat	Fisheries and Aquatic Studies	2018					
S. Kumar; S. S. Kalamkar and T.B. Parihar	Constraints facing Livestock Feed and Fodder Traders: Evidence from Gujarat in India	International Journal of Pure and Applied Bioscience	May June 2018	Vol. 6, No. 3	208-213			National
Varun Miglani and S. S. Kalamkar	Review of Contract Farming Regulations with Special Reference to State of Maharashtra and Gujarat	Indian Journal of Economics and Development	April 2018,	Vol. 14, No. 1a	413-423			National
H Sharma, S.S. Kalamkar & M.C. Makwana	Management of Market Risk through Market Integration: Study of Price Volatility in Domestic Market of Onion in Gujarat	Indian Journal of Agricultural Marketing	Sep. Dec. 2018	Vol. 32, No. 3	40-48			National
H. Sharma, M. Swain and S.S. Kalamkar	Economic Losses in the Fisheries Sector in Gujarat due to Inadequate Post-harvest Infrastructure Activities	Agro-Economic Policy Briefs	Aug. 2018	Issue 6	4-6			National
Sonal Bhatt and S.S. Kalamkar.	Harnessing Solar Energy: A Novel Solar Cooperative Initiative in India	Agro-Economic Policy Briefs	Dec. 2018	Issue 8	2-4			National
S. S. Kalamkar, H. P. Trivedi, S. R. Bhaiya, D. J. Chauhan	Impact of Check Dams in Gujarat: Case of Tarakpur Check Dam	Agro - Economic Policy Brief,	Feb. 2019	Issue 9	7-9			National
Kinjal Ahir and S.S. Kalamkar.	Problems in the Implementation of GST on Selected Agricultural Inputs in Gujarat	Agro-Economic Alerts	May 2018	Issue 5	5-7			National
Hemant Sharma and S.S. Kalamkar	Onion Price Increase and Volatility Likely Due to Shortage	Agro-Economic Alerts	Jan. 2019	Issue 9	2-4			National
Jyani, Mukesh, Sharma Hemant and Meera	An Economic Analysis of Clusterbean in Bikaner District of Rajasthan	International Journal of Agricultural Science.	2018	10(7)	5672-5675			National

Navjot Kour, Hemant Sharma and Meera	Marketing of milk and milk products at GANGMUL dairy plant in Rajasthan	Journal of Pharmacognosy and Phytochemistry	2018	7(5)	1963-1966			National
(C) Social Sciences								
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE								
N. D. Oza and Ashok Chaudhary	Chemical Engineering Journals Enclosed by Directory of Open Access Journals: A Systematic Study	International Journal of Library and Information Studies	Oct – Dec 2018	Vol. 8 Issue 4	1 to 9			National
Pillai, S.K. & Oza, N.D.	Utilization of Lime Survey Software for User Study of MICA-KEIC: An Overview	Recent Trends	2019	Vol. 6 Issue 1	254-257			National
Nimesh Oza & Meghna Mehta	A study of ICT Skills and Competencies Essential for Corporate LIS Professionals	International Journal of Research and Analytical Reviews	2018	Vol. 5 Issue 4	596-603			National
Jignesh C. Makwana	Library as a profession and professional ethics	KCG - Journal of Multidisciplinary	March – April 2018	Issue 23	1 to 7			National
Jignesh C. Makwana	Relevance of five laws in information technology (IT) environment	KCG - Journal of Multidisciplinary	Mar. – April 2018	Issue 23	1 to 6			National
Jignesh C. Makwana	Role of library in formal and informal education	V- Vidyanagar	May 2018	----- -	26 to 28			State
Jignesh C. Makwana	Library extension activities	Research Guru	June 2018	Vol. 12 Issue 1	1242 to 1249			National
Jignesh C. Makwana	University library & its automation	Research Guru	Sep. 2018	Vol. 12 Issue 2	414 to 424			National
Jignesh C. Makwana	Development of Indian library: Ancient period, medieval period, present period (Before and after independence)	Research Guru	Dec. 2018	Vol.12 Issue 3	1264 to 1270			National
Jignesh C. Makwana	University Librarian - A powerful resource for information and knowledge	V- Vidyanagar	Jan. 2019	----- ---	25 to 29			State
Jignesh C. Makwana	Technical works of university library and	Research Guru	Mar. 2019	Vol. 12	367 to 374			National

	its automation			Issue 4				
Lavji N. Zala	Digital Library of Gujarat in Vernacular Language? A Model for Government of Gujarat	World Digital Libraries - An international journal	2019	11(2)	81-105	-	-	National
DEPARTMENT OF EDUCATION								
Dr.S C.Padavi	Methods, Techniques and Devices of Value Education	Research Guru	June - 2018	12 Issue-01	1070 to 1075		3.021	International
Dr.S C.Padavi	Gujarat Ke Aadivasi Samaj Mei Shiksha Ki Pravatman Samasayaie	Research Guru	Sep - 2018	12 Issue-02	1204 to 1207		3.021	International
Dr.S C.Padavi	Bharat Mei Nari Shiksha Ka Vikas	Prajna	Dec - 2018	20 Issue-02	54 to 61		-	National
Dr.Paresh B.Acharya & Amrita J.Marshal	Prathmik Stare Gujarati Bhasha Vanchan Arthgrahan Karykram ni rachana ane Amalikaran	Research Guru	March 2019	12 Issue - 4	1261-1265	-	4.181	International
Amrita J.Marshal & Dr.Paresh B.Acharya	Prathmik Stare Gujarati Bhasha Vanchan Arthgrahan Karykram ni rachana ane Amalikaran	Research Guru	March 2019	12 Issue - 4	1261-1265	-	4.181	International
DEPARTMENT OF HISTORY								
Hemant Dave	Gujarat-ma Krishnapuja-ni Parchinta	Pharbas Gujarati Sabha Traimasik	2018	83 (1)	7-12			State
Hemant Dave	Dakshin Africa-na Satyagrah-no Itihas ane Gandhiji-ni Itihasdrushti	Prabuddha Jivan	2018	66 (7)	129-133			State
Hemant Dave	Bava Pyara-ni Gupha-o: Jain ke Ajain?	Pharbas Gujarati Sabha Traimasik	2018	83 (3)	69-72			State
Vasant Patel	The Administration of Sher Shah Sur	International Journal of Multidisciplinary Research Academy	2018	8 Issue 9(1)	217-224		7.081	International
Vasant Patel	Sardar Patel Ane Samaj Vadio	Research Guru	2018	12 Issue-3	1316-1319		4.081	International

Vasant Patel	Sardar Patel Ane Subhas Chandra Bozna Matbhedo	Research Guru	2018	12 Issue-2	1355-1359		3.021	International
Vasant Patel	Indian Constitution and Sardar Patel	Research Guru	2018	12 Issue 1	1-9		3.021	International
Vasant Patel	Sardar Patel nu Anokhu Vyaktitva	Ayudh	2018	Issue 38	97-100		2.3	International
Vasant Patel	Sardar Patel Ane Laghumatina Adhikaro	Ayudh	2018	Issue 37	76-78		2.3	International
Vasant Patel	Gandhijina Patro Ma Vyakt Thathi Sardar Patel Pratye Ni Aatmiyata	Prajna	2018	20	62-68			National
Vasant Patel	Mahatma Gandhi and Women Empowerment	Research Guru	2019	12 Issue 4	1301-1315		4.081	International
DEPARTMENT OF LAW								
MamtaSanjay Karkar Dr. Anand Kumar Tripathi	“Impact of organized Cybercrimes related to Electronic Fund Transfer on Indian E-Banking System”	Research Zone India	June 2018	Vol.6, Issue 3	369 to 374	-	-	International
DEPARTMENT OF SOCIAL WORK								
Dr. Shivani Mishra	Domestic Violence in India: A Case Study of Survivor	Social Science Review, Volume 4, Issue 1, ISSN 2518-6825	June 2018					National
Dr. Shivani Mishra	Role of social worker in Protection of Domestic Violence.	BSSS Journal of Social Work. Vol X Issue 1 ISSN- 0975-251X	2018					National
Dr. Shivani Mishra	Study on Level of Awareness and Factors Contributing to Non-Utilization of Rashtriya Swasthya Bima Yojna (RSBY) in Charotar Region, Gujarat,	Social Work Chronicle, 8 (1) 2019, 80-93, ISSN Number: 2277-1395	2019					National
Dr. Bigi Thomas	Son Preference: Exploring links with Male University Students Attitude towards Gender Equality and Childhood Violence Experiences”	S.P. University (Arthvikas), LIV (2), 2018, ISSN: 0004-3567	2018					State

Dr. Bigi Thomas	Intimate Partner Violence As Reported By Men In India: Exploring Pathways With Childhood Gender Inequity And Violence Experiences of Perpetrators	Man In India, 98 (3-4) 2018 : 605-616, ISSN-0025-1569 Impact Factor: 0.12 h-index-8	2018					International
Dr. Bigi Thomas	Study on Level of Awareness and Factors Contributing to Non-Utilization of Rashtriya Swasthya Bima Yojna (RSBY) in Charotar Region, Gujarat	Social Work Chronicle, 8 (1) 2019, 80-93, ISSN Number: 2277 - 1395						National
Sharmishtha Solanki	Published a paper titled, "Developing Inclusive Practice for Effective Implementation of the Right to Education Act (RTE): A Frame Work for Professional Practices of Teachers"	Print Area - Peer Reviewed International Journal, ISSN: 2394 5303, Vol. A, Issue 53	May, 2019					International
DEPARTMENT OF POLITICAL SCIENCE								
Prof. Baldev Agja	Adhunik Bharatna Rashtranirmata Dr. Babasaheb Ambedkar Book Published by: Babasaheb Dr. B.R. Ambedkar Chair-Centre (Established by Govt. of Guajrat), Saurasthra University, Rajkot	Edited Book : Dr. Ambedkarnu Rashtradarshan	First Edition- 2018	---	141-146	-	---	State
Dr. Arpit Patadiya	Understanding Citizens Engagement in Public Policy Development in Context of New Education Policy in India	Research Guru	2018	Vol.12 Issue. 1	242-248		3.021	International
DEPARTMENT OF PSYCHOLOGY								
S.M.Makvana	Family planning and Birth Control Attitude with reference to Rural and Urban Areas People	"PRAJNA" Journal of Humanities, Social Sciences and Business Administration (Peer	Dec.- 2018	20/ Dec.- 2018, Annual	69 to 75			International

		Reviewed Refereed and UGC Listed Journal No.48557)						
DEPARTMENT OF SOCIOLOGY								
Dr.R.H. Makwana	Mahatma Gandhiji Vision On Sanitation And Cleanliness In India	International Journal of Advance and Innovative Research	April - June, 2019	Vol 6, Issue 2 (II): 2394 - 7780	88-93			International
Dr.R.H. Makwana	Panchayati Raj and Weaker Section: Dilemma and Direction	RESEARCH REVIEW International Journal of Multidiscipli nary	April- 2019	Vol. 4, Issue 4	1301- 1306			International Multi disciplinary e-Journal
Dr.Ila M. Macwan	Role of Religion in Human	International Journals of Arts Humanities and Social Science	2019	Article Accept ed				International
Dr.Ila M. Macwan	Socio Economic Aspects of Brain Drain India	Research Guru Journal of Multi Disciplinary	Marc h- 2018	Vol-2, Issue- 4, 2018	530- 537		3.021	International Multi disciplinary e-Journal
Dr. M. M. MAKWANA	“Paryavaranni sthitino samajshastriy Abhyas	“Parivesh”	Oct – 2018	Vol – 17 ISSN- 2319 - 1872	79	-	-	International
Dr. M. M. MAKWANA	“Gandhijina Ashprushyta Nivaranna Vicharo”	“Vidhya Vivek”	Nov – 2018	Vol – 06 ISSN- 2394 - 2304	52	-	-	International
Dr. M. M. MAKWANA	“Collegena Yuvanoni Samajik Samsyao Aek Samajshastriy Abhyas”(With Refrence Anand District)	“Surbhi”	Jan - 2019	Vol - 22 ISSN- 2321 - 2160	52	-	2.1	International
Dr. M. M. MAKWANA	“Duel Role and Struggle of Working Women’s A Sociological Study	“Ayudh”	Jan – 2019	Vol – 44 ISSN – 2349 - 4557	13	-	2.3	International
(d) Languages								
DEPARTMENT OF ENGLISH								
Dr Parul S	On Priming for	Prajna	2018	Vol 20	1-10	-	-	National

Popat	Professional Prospects			No. -				
Piyush Raval	The Representation of Partition Violence in <i>Tamas</i>	Daath Voyage: International Journal of Interdisciplinary Studies in English (UGC Approved Journal No.45349)	2018	Vol.3, No.4	46-63	-	-	International
Piyush Raval	Women's Wounds and Solidarity in Assia Djebar's <i>A Sister to Scheherazade</i>	Literary Insight: A Referred International Journal (UGC Approved Journal No.49248)	2019	Vol.10, Issue. 1	205-212	-	-	International

DEPARTMENT OF GUJARATI

Pinakini Pandya	Bhartiya Loksahityama Vrat Geeto	Lok Gurjari	sep 2018	49 ISSN: 2320-8872	29-43 (total pages-15)			State
Pinakini Pandya	Mana Archetype	Lok Gurjari	Mar. 2019	„	13-25			State
Rameshchandra Chaudhari	Diaspora Sangya-Vibhavana ane Swarup Charcha	Prajna	2018	150	73-89			State
Rameshchandra Chaudhari	Uttar Guajaratna Chaudhari Samajna Lokgeeto	Lok Gurjari	2018	20	27-36			State
Sudha Chauhan	21 mi Sadima Pahela Dayakanako Gujarati Lokkathana Sampadako	Lok Gurjari	Dec.- 2018	-	42-47			State
Rajeshvari Patel	Ek Nazar Sudamani Patni taraf	Sahitya Setu	June - 2018	Issue - 45	-			National
Rajeshvari Patel	Ghir aai girnari chhaya-Gazal mijaz	Sahitya Vithika	June - 2018	Issue - 3	94			National
Rajeshvari Patel	Vishva Sahityani Kruti 'Macbeth'	Sahitya Setu	Sept.- 2018	Issue - 47	-			National
Rajeshvari Patel	Rahasya Avarit sammohak natak-Nagmandala	Tadarthya	Oct. - 2018	Issue - 05	23			State
Rajeshvari Patel	Bharatiya lokkatha, purakatha ane itihās – Girish Karnadnan	Prajna	Dec. - 2018	Vol-20	37			State

	natakonan tran rang							
Rajeshvari Patel	Myth aadharit nataknun Film rupantaran – Agnivarsha	Sahitya Setu	Feb. - 2019	Issue – 49	-			National
Rajeshvari Patel	Sairendhri – puracharitrana nijatvanun navya abhyutthan	Padya	March – 2019	Issue – 1	50			State

DEPARTMENT OF HINDI

Dr. S. Rathod	Path ki Jhoj	Thoreau	2018	1	67			International
Dr. S. Rathod	Mahila Laghu Kathakar	Parli (Maharashtra)	2019	1	05		6.261	International
Dr. S. Rathod	Social Media Aur Hum	Book	2019	1				National
M.M. Sharma	Meri or Se...	GORA.(Book)	Dec. 2018					
Dr. Hasmukh Parmar	Hindi ke Vividhrup	Sahitya Vithika	Dec. 2018	13	57 To 61			International
Dr. Hasmukh Parmar	Shailesh Matiyane ka Katha sahitya	Shodh Disha	Dec. 2018	43	166 To 173			International
Dr. Hasmukh Parmar	Haiku vishesank se Gujartehue	Shodh Disha	Mar. 2019	44	356 To 364			International
Dr. Anila Mishra	Vignapan aur Bazar	Prajna	Dec. 2018	20	49 to 53			National
Dr. Anila Mishra	Chayavad ka pun path	Hindi Anusheelan	June 2018	2	130 to 135			National
Dr. Anila Mishra	Hind ke vikas mae cinemaka yogdan	Bhopal Shodh Maniusha	Sep. 2018		52 TO 53		2-587	International
Dr. Anila Mishra	Hindi Cinima aur Niraj	Bhopal Shodh Maniusha	Jan. 2019		74 to 78		3-478	International
Dr. Anila Mishra	Manavman ki chatptahat – Khidki	Samnvay Paschhim	Mar. 2019		30 to 33			National

DEPARTMENT OF SANSKRIT

Prof. Dr. N.P. Patel	Naiyayikanam mate Shabdaniyatvam	Prajna	Dec. 2018	20	11-16	--	--	National
Dr. L.A. Patel	Kautiliya Saptang Siddhantani Prasangikta	Prajna	Dec. 2018	20	17-26	--	--	National
Dr. Lalit Patel	Sanskrit BhartiPrakashitGiteshu RasbhavDhvanihi	Devsayujya m	2019	Vol.76/77	11-13		-	National
Dr. Lalit Patel	Sanskrit Sahityama ShaikshanikTatvo	V- Vidyanagar	2019	Vol 567	21-24	-	-	State

(2) Publication of Books

(I) Publication of Books/Chapters by the Postgraduate Departments

(A) Basic Sciences

Publication of Books by the Teachers of the Basic Sciences of Postgraduate Departments in 2018-2019

Sr. No.	Departments	No. of Books
1	Chemistry	01
	Total	01

(B) Economics Sciences

Publication of Books by the Teachers of the Economics Sciences of Postgraduate Departments in 2018-2019

Sr. No.	Departments	No. of Books
1	Business Management	02
2	Economics	02
3	M.B.A.	03
4	Agro Economic Research Centre	02
	Total	09

(C) SOCIAL SCIENCES

Publication of Books by the Teachers of Social Sciences of Postgraduate Departments in 2018-2019

Sr. No.	Departments	No. of Books
1	Library & Information Science	02
2	Psychology	09
	Total	11

(D) Languages

Publication of Books by the Teachers of Languages of Postgraduate Departments in 2018-2019

Sr. No.	Departments	No. of Books
1	Gujarati	02
2	Hindi	03
3	Sanskrit	01
	Total	06

Name of the Author(s)	Title of the Book	Name and place of the Publisher	Date of Publication	ISBN
(A) Basic Sciences				
DEPARTMENT OF CHEMISTRY				
Pragnesh N Dave; Vijay Ram and Sejal Sadhu	Study of Removal of Heavy Metal Pb(II) by Batch Experiments	Lambert Academic Publishing, Mauritius	2018	978-3-330-35134-9
(B) Economics Sciences				
DEPARTMENT OF BUSINESS STUDIES				
Dr.Kamini Shah	Merger and Acquisition a Catalyst of Growth	Bricks Publication		978-81-940241-1-8
Dr.Kamini Shah	Corporate Capital Budgeting Practices in India	Bricks Publication		978-81-942754-4-2
DEPARTMENT OF ECONOMICS				
Sonal Bhatt, S.S. Kalamkar and Manish Makwana	Solarisation of Agricultural Water Pumps in Gujarat” , AERC Report No. 172	Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Ministry of Agriculture and Farmers’ Welfare, Government of India, New Delhi	January, 2019	NA Research report
S.S. Kalamkar, Sonal Bhatt and H. Sharma	Solarisation of Agricultural Water Pumps in Western India (Consolidated Report), AERC Report No. 174	Agro-Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Ministry of Agriculture and Farmers’ Welfare, Government of India, New Delhi	February 2019	NA Research report
DEPARTMENT OF M.B.A.				
Yogesh C. Joshi	Human Development - An Indian Perspective	Bharti Publications New Delhi	2019	978-93-86608-78-9
K. S.Prasad and Archana Vipul Sarkar	Proceedings of Multi-disciplinary International Conference	Registrar Gujarat Technological University, Ahmedabad ISBN – 978-93-5351-069-5	14 th March 2019	
Dr Ashish C Mehta	Management of Financial Institutions and Financial Services	Brick Publications Vallabh Vidyanagar, Gujarat	April 2019	978-81-940241-7-0

AGRO ECONOMIC RESEARCH CENTRE				
Mrutyunjay Swain, S. S. Kalamkar, Hemant Sharma	Pressurized Irrigation Network System in India: Adoption, Efficiency and Institutional Dynamics	Allied publishers Pvt. Ltd	2018	ISBN 978-93-87997-32-5
Mrutyunjay Swain and S.S. Kalamkar (Eds)	Water Governance in India: issues and Concerns.	Allied Publishers Private Limited, New Delhi, 2018.	2018	ISBN: 978-93-87997-31-8
(C) SOCIAL SCIENCES				
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE				
Jignesh C. Makwana	Information Communication Process	ASF Computers Vallabh Vidyanagar	December 2018	978_93_87493_60_5
Jignesh C. Makwana	Activities of Academic Library	ASF Computers Vallabh Vidyanagar	April 2019	978_93_87493-76-6
DEPARTMENT OF PSYCHOLOGY				
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	April-June 2018	2349-3429(p)
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	July-Sep. 2018	2349-3429(p)
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	Oct.-Dec. 2018	2349-3429(p)
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	Jan.-March 2019	2349-3429(p)
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	April-June 2019	2349-3429(p)
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	April- to June-2018	Volume 2, Issue 2
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	July-September 2018	2455-670X
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	October-December 2018	2455-670X
S.M. Makvana	International Journal of Indian Psychology	Redshine publication, Lunawada- Gujarat	January-March 2019	2455-670X
(D) Languages				
DEPARTMENT OF GUJARATI				
Rajeshvari Patel	Macbeth (Translation)	Parshva Publication, Ahmedabad	Sept.2018	978-93-5108-929-2
Pinakini Pandya	Shailivignan sangnakosh	sardar patel university, v.v.nagar	march 2019	-

DEPARTMENT OF HINDI				
Dr. S. Rathod	Dr. Shankar punTanbekar Aur Dr. Sudarshan Majithiya ka vyangya Sahitya : Tulnatmak Samikha	K.S. Publication	2018	978-93-41428- 98-6
Dr. Anila Mishra	Mahendra Bhatnagar - Virachit – Kavya Kritiyan – Mulyankan Aur Mulyankan	Maya Prakashan	2018	978-93-87941- 20-5
Dr. Anila Mishra	Dwivediyug Aur Pandit yug ki Aalochna	Ma Saraswati Publication, Urai	2018	978-81- 935197-9-0
DEPARTMENT OF SANSKRIT				
Dr. Lalit Patel	Mammatkrut Kavyaprankashma Alankar Vichar	ASF Computers, V.V. Nagar	15/06/2018	978-93-87493- 22-3