

3.3.3 Research Publications in the Journals notified on UGC website during the year

N	Name of the teacher	Title	Journal	Volum	Page	Year	UGC Care list
1	Dr. Sahajkumar A. Gandhi	Novel luminescent paper based calix [4] arene chelation enhanced fluorescence-photoinduced electron transfer probe for Mn ²⁺ , Cr ³⁺ and F	Journal of Luminescence	208	6 to17	2019	10179
2	Dr. Sahajkumar A. Gandhi	Luminescent behavior of pyrene-allied calix[4]arene for highly pH selective recognition and determination of Zn ²⁺ , Hg ²⁺ and I ⁻ via CHEF-PET mechanism: Computational experiment and paper based device	New Journal of Chemistry	Volume 43(25)	9855 to 9864	2019	24824
3	Dr. Sahajkumar A. Gandhi	Single-step fluorescence recognition of As ³⁺ , Nd ³⁺ and Br ⁻ using pyrene-linked calix [4] arene: application to real samples, computational modelling and paper-based device	New Journal of Chemistry	Volume 43(2)	737 to 747	2019	24824
4	Dr. Sahajkumar A. Gandhi	Crystal structure, Hirshfeld surface analysis and energy frame work of 4-chloro phenyl) (p-tolyl) methyl piperazin1-yl) (5H-dipyrido [3, 2-b: 2', 3'-f] azepin-5-yl) methanone, a novel fused di-	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 4 (09)	49 to 54	2018	ISSN : 2454-9150 64077
5	Dr. Sahajkumar A. Gandhi	Spectroscopic and Optical analysis of Eosin doped Strontium Tartrate Crystals Grown by Gel Growth Technique	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 4(6)	354 to 357	2018	ISSN : 2454-9150 64077
6	Dr. Sahajkumar A. Gandhi	Crystal structure and Hirshfeld surface analysis of methyl 4-[(E)-2-(5-bromo-2-methoxy-benzyl-idene)hydrazin-yl]-3-nitro-benzoate	Acta Crystallographica Section E: Crystallographic Communications	Volume 74 (9)	1239 to 1243	2018	ISSN: 2056-9890 21100427192

7	Dr. Pinkeshkumar Gopalbhai	Single step fluorescent recognition of As ³⁺ , Nd ³⁺ and Br ⁻ consuming pyrene-allylated calix[4]arene : Their application to real samples, computational modelling and paper based device	New Journal of Chemistry	43	737-747	2019	
8	Dr. Pinkeshkumar Gopalbhai	Novel luminescent paper based calix[4]arene chelation enhanced fluorescence photo induced electron transfer probe for Mn ²⁺ , Cr ³⁺ and F ⁻	Journal of Luminescence	208	17-Jun	2019	
9	Dr Tarunkumar R.Trivedi	शेकस्पीयर,बिथोवन अने आइन्स्टाइन:अेक सर्जनात्मक प्रक्रिया	प्रगामी तरंग	IX	30	2016	ISSN: 2347 2782
10	Prof. H. S. Bhatt	IMAGE OF WOMAN IN SELECT FICTIONS OF NAYANTARA SAHGAL	RRIJM ISSN : 2455:3085(ONLINE)	Volum e 3(11)	1032-1035	NOV.2018	
11	Prof. H. S. Bhatt	LITERARY AESTHETICS AND ETHNICITY IN FICTIONS OF BHARATI MUKHERJEE	IJRAR	Volum e 6(1)	1144-1152	19-Feb	E ISSN 2348-1269 P ISSN 2349-5138
12	Dr. Kashiram Chandrasinh Ra	भारतनुं बंधारण अने आ[दिवसी] अधिकारी.	SHREY JOURNAL OF MULTI DISCIPLINARY RESEARCH	Volum e 2	82-84	April,2018	UGC APPROVED NO.62411 (ISSN:2279-
13	Dr. M K Nayee	Radhe Tere Dungariya Par Bharatvarshki Chetna	Sahitya Vithika		98-101	Jun-18	ISSN 2319-6513
14	Dr. M K Nayee	Aaje Darek Ghar Jankhe Chhe Ajwadi Baa	V. Vidyanagar			Sep-18	ISSN 0976-9609

15	Dr. M K Nayee	Akhana chhappama kataksh ane drashtant kala	Review of research	8	14-17	Oct-18	ISSN 2249-894X
16	Dr. M K Nayee	Bhunsata gramchitro : Bhunsay nahi eva gamchitro	Review of research	8	28-32	Mar-19	ISSN 2249-894X
	Department	National	International	No. of Publications	Average Impact Factor		
	Chemistry	0	2	2			
	Physics	1	6	7			
	Business Study	0	0	0			
	English	0	2	2			
	Economics	1	0	1			
	Gujarati	2	2	4			
	History	0	0	0			
	Total	4	12	16			