

## List of publications of Department of Post-Harvest Technology

Sr. No.	Details of Publication	NAAS Rating
1.	Amee Ravani, S V Anadani, <b>R R Gajera</b> and R V Prasad (2020). Physical Characterization and Optimization of Blanching Process of <i>Moringa Oleifera</i> (var. PKM-1) Pods. <i>Chemical Science Review and Letters</i> , 9 (33), 184-191. Article cs20510114. DOI:10.37273/chesci.CS20510114. ISSN 2278-6783.	5.21
2.	Hiral A. Patel and <b>RR Gajera</b> (2019). Effect of steam blanching on bottle gourd shreds, <i>Journal of Medicinal Plants Studies</i> , 7(5): 01-03. E-ISSN: 2320–3862.	3.53
3.	J.B. Raol, <b>R.R. Gajera</b> , and M.T.Kumpavat(2019). Quality Characteristics of Paneer from Solar Assisted Heat Exchanger. <i>Chemical Science Review and Letters</i> , 8(31): 132-136. Article CS11205002. ISSN 2278-6783.	5.21
4.	Hiral Patel and <b>R.R. Gajera</b> (2019). Effect of dehydration on quality of bottle gourd shreds. <i>Chemical Science Review and Letters</i> , 8(32): 216-219. Article CS132050081. ISSN 2278-6783.	5.21
5.	Vaishali, Harsh P Sharma, Alka Sharma, A Nema and <b>R.R. Gajera</b> (2019) Effect of shellac coating on minimally processed grapes, <i>International Journal of Chemical Studies.</i> ,7(2): 1843-1848. E-ISSN: 2321–4902.	5.31
6.	<b>R.R. Gajera</b> , A. Nema, H. Sharma and D.C. Joshi (2018). Processing and quality evaluation of bottle gourd ( <i>L. siceraria</i> ) juice, <i>International Journal of Chemical Study.</i> 6(3): 2727-2731, ISSN: 2349–8528.	5.31
7.	<b>R.R.Gajera</b> and D. C. Joshi(2017). Effect on juice quality of medicinal fruit bottle gourd during storage. <i>Journal of Medicinal Plants Studies</i> , 5(4):56-60. ISSN: 2320-3862.	3.53
8.	Amee Ravani, R.V. Prasad, <b>R.R. Gajera</b> and D.C. Joshi (2017). Potentiality of <i>Moringa oleifera</i> for food and nutritional security - A review. <i>Agricultural Reviews</i> , 38(3): 228-232. DOI:10.18805/ag.v38i03.8983. ISSN:0976-0539 .	4.37
9.	<b>R.R.Gajera</b> , D.C. Joshi and Amee Ravani(2017). Processing potential of bottle gourd ( <i>L. siceraria</i> ) Fruits: An overview. <i>International Journal of Herbal Medicine</i> ; 5(4): 106-109. ISSN: 2321-2187.	3.20
10.	<b>R.R.Gajera</b> and D. C. Joshi(2017). Processing of fruits and vegetables for its juicing, A Review. <i>GAU Research Journal</i> , 42(2):52-59. ISSN:0250-5193.	2.72
11.	<b>R.R. Gajera</b> , D.C. Joshi and Amee Ravani(2017). Effect of Formulation on Quality of Bottle Gourd ( <i>L. Siceraria</i> ) Blend Juice. <i>Chemical Science Review and Letters</i> , 6(23): 1716-1723. Article CS132048071 . ISSN 2278-6783.	5.21

12.	<b>R.R.Gajera</b> , D.C. Joshi (2016). Accelerated storage validation for the production of thermally processed bottle gourd ( <i>L. Siceraria</i> ) blended juice, <i>Gujarat Agricultural Universities Research Journal</i> , 41(2):77-82. ISSN 0250-5193.	1.78
13.	<b>R.R.Gajera</b> , D.C. Joshi (2016). Effect of Processing Parameters on Quality of Bottle Gourd ( <i>Langenaria Sicararia</i> ) base blend Juice, <i>International Journal of Tropical Agriculture</i> , 34(3):709-14. ISSN 0254-8755.	3.03
14.	<b>R.R. Gajera</b> and D.C.Joshi (2015). Development and quality evaluation of bottle gourd, <i>L. Siceraria (Mol.) standl.</i> based blend juice : <i>Indian Journal of Natural Products and Resources</i> , 6(3), pp:194-198. September 2015, ISSN 0976-0512.	4.10
15.	<b>M.R. Parmar</b> , V.B. Bhalodiya and R.L. Rajput (2018) Effect of drying conditions on phytochemicals in vacuum drying , <i>International Journal of Chemical Studies</i> , 6(5), 3278-3284.	5.31
16.	<b>M.R. Parmar</b> , V.B. Bhalodiya, R.L. Rajput (2018). Retention of Active Ingredients in Solar Drying , <i>Int.J.Curr.Microbiol.App.Sci</i> , 7 (10), 2822-2831.	5.38
17.	<b>M. R. Parmar</b> , V. B. Bhalodiya, S. S. Kapdi (2018). Temperature Effect on drying and phytochemicals of basil leaves, <i>International Journal of Engineering Science Invention</i> , 7(1), 34-44 .	-
18.	<b>M. R. Parmar</b> , R. L. Rajput, M. T. Kumpavat, (2018). Retention of active ingredients in hot air tray drying , <i>International Journal of Engineering Research And Development</i> , 14( 3), 28-36.	-
19.	<b>M. R. Parmar</b> , Mahendrasinh T. Kumpavat, Jayesh S. Doshi (2017). A comparative study on drying of basil leaves, <i>Agricultural Engineering International, CIGR Journal</i> , 19( 1), 169.	-
20.	Shakya H. B., Kumar Navneet, <b>Parmar M. R.</b> (2016). Optimization of weeding unit performance of manually operated cono-weeder using response surface methodology, <i>International Journal of Agriculture Sciences</i> , 8(49), 2107-2116.	2.37
21.	H.B.Shakya, <b>M.R.Parmar</b> , M.T.Kumpavat (2016). Development and performance evaluation of manually operated cono-weeder for paddy crop, <i>International Journal of Agriculture Sciences</i> , 5(7),06-17.	2.37