List of publications of Depart of Post-Harvest Technology

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

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