

Department of Agricultural Engineering, BACA, AAU, Anand

Research papers in NAAS rated journals in last five years (2016-2017 to 2020-2021)

Year	No.	Title and details of the research paper	NAAS Score	Average NAAS Score
2020-2021	1	Baladhiya, C.S, Doshi, J.S. and Bhalodiya, V.B. 2020. Performance evaluation of mechanized manufacture of bottle gourd Halwa. <i>International Journal of Agricultural Engineering</i> . 13 (1):113-120.	4.43	
	2	Paola Concialdi, Simone Di Prima, Harsh M. Bhanderi, Ryan D. Stewart, Mazdi R. AbouNajm, Murari Lal Gaur, Rafael Agulo-Jaramillo, and Laurent Lassabatere. 2020. An open-source instrumentation package for intensive oil hydraulic characterization. <i>Journal of Hydrology (Elsevier)</i> , Volume 582, March 2020, 124492, doi.org/10.1016/j.jhydrol.2019.124492	9.73	
			14.16	7.08
2019-2020	1	Gaur, Murari Lal and Bhanderi, Hepin D. 2019. Assessing Production and Water Use Efficiency of Tomato using Drip and Furrow based Irrigations in Tribal Farmer's Conditions of Middle Gujarat India. <i>Research Journal of Agricultural Sciences (An International journal)</i> , 10 (2): 249-258.	4.54	
	2	Gaur, Murari Lal. 2019. Prognoses for Easing Water Scarcity & Its Energy Efficient Management: An Overview. <i>International Journal of Advanced Research in Computer and Communication Engineering</i> , 8 (1) : 1-10.	3.45	
			10.62	5.31
2018-2019	1	Patel, GR, Trivedi, MM and Baladhiya, CS. 2018. Assessment and morphometric analysis for prioritizing erosion prone area in RS and GIS environment. <i>International Journal of Chemical Studies</i> . 6 (3): 3308-3318.	5.31	
	2	Baladhiya, CS, Bhadania, AG, and Mehta, BM. 2018. Process optimization and shelf life studies of thermally processed bottle gourd halwa. <i>International Journal of Chemical Studies</i> . 6 (4): 1696-1700	5.31	
	3	Patel, Nitin D., Gaur, Murari Lal, and Kulshrestha, M. S. (2018). Pragmatic Mathematical Perceptions for Judging Role of Diverse Variables during Ferrofluid Based Lubrication of Bearings used in Agricultural Sector. <i>International Journal of Current Engineering and Technology</i> , 8 (6) : 1581-1595.	3.78	

	4	Gaur, MurariLal and Gaur Shreya. 2018. Transfiguring Indian Agrarian Ware Housing Sector with Smart Engineering, Managerial & Environmental Approaches. <i>International Advanced Research Journal in Science, Engineering and Technology (IARJSET)</i> , 5 (11) : 10-19.	3.39	
	5	Gaur, MurariLal, Sood, V. K., and Saikh, A.I. 2018. Field Investigations on Transmission Losses & Water Use Efficiency in Sub-Minors of SardarSarovar Command in Middle Gujarat India. <i>International Advanced Research Journal in Science, Engineering and Technology (IARJSET)</i> ,5 (10) : 51-61.	3.39	
	6	Baria, S. V., Bhimani, J. B., and Gaur, M. L. 2018. 'Investigations on Flow Characteristics of Rectangular Weir under Varying Slope & Discharge Conditions. <i>Green Farming (International Journal of Applied Agricultural and Horticultural Sciences)</i> ,9 (3) : 546-551.	4.38	
			25.56	4.26
2017-2018	1	Baladhiya, CS andDoshi, J.S. 2017. Performance evaluationand optimization of steam generating systems. <i>International Journal of Agricultural Engineering</i> . 10(1):222-227.	4.43	4.43
2016-2017	1	Baladhiya, CS and Doshi, JS. (2016). Precooling technique and applications for fruits and vegetables. <i>International Journal of Processing and Post Harvest Technology</i> , 7(1): 141-150.	2.38	
	2	Baladhiya, CS and Joshi, D. C.(2016). Effect of castor cake on biogas production by adding with cattle dung. <i>International Journal of Science, Environment and Technology</i> ,5(2): 547-551	3.11	
	3	Bhalodiya V. B., Joshi D. C. and Jani B. L. (2016). Physical properties of 'Rajapuri' & 'Kesar' mango fruits and testing of weight fruit grader based on the physical properties. <i>International Journal of Applied Agricultural & Horticulture Sciences</i> ,7(3): 715-719.	4.79	
			10.28	5.14
		5 Years Total NAAS Score	65.05	26.22
		5 Years Average NAAS Score	13.01	5.24