

**INFORMATION ON PUBLICATION,
PARTICIPATION, PRACTICAL MANUAL,
AWARD, POPULARIZATION OF
TECHNOLOGIES etc.**

Month wise Information (2022-23)

Book/Chapter in Book Published

Month wise Information (2022-23)

Sr. No.	Title	Author	Name of Publisher
2022-23			
April-2022			
	Book chapter 4: Aseptic Packaging in Thermal Food Engineering Operations (Hardback) Released: 08 Jun 2022 Edited by: : N Kumar, Gaurav Chaudhary, Nitin Kumar, Anil Panghal , M K Garg	M Nanjegowda, B Jani, B Devani	Wiley Publisher Imprint: Wiley-Scrivener
	Enzymatic process for pigeon pea. Chapter in Book “Legumes Research - Volume 1” ISBN:978-1-83969-490-5. In J. C. Jimenez-Lopez, & A. Clemente (Eds.), Legumes Research - Volume 1. Intech Open. https://doi.org/10.5772/intechopen.100853	M. N. Dabhi.	Intech Open.
May-2022			
	Chapter on ફળ અને શાકભાજીમાં પેકેજિંગની અગત્યતા in ફળ અને શાકભાજીનું પરિરક્ષણ	R. L. Rajput, P. R. Davara, V. P. Sangani	Director of Extension Education, Anand Agril. University, Anand
	Chapter on ફળ અને શાકભાજીનું કેનિંગ દ્વારા પરિરક્ષણ in ફળ અને શાકભાજીનું પરિરક્ષણ	P. R. Davara, V. P. Sangani, M. N. Dabhi	Director of Extension Education, Anand Agril. University,

			Anand
	Chapter on ચીકુમાં પરિરક્ષણ in ફળ અને શાકભાજીનું પરિરક્ષણ	P. R. Davara, V. P. Sangani, M. N. Dabhi	Director of Extension Education, Anand Agril. University, Anand
	Chapter on લીંબુમાં પરિરક્ષણ in ફળ અને શાકભાજીનું પરિરક્ષણ	A. V. Kotecha, P. R. Davara, A. H. Bhatt	Director of Extension Education, Anand Agril. University, Anand
	Chapter on થોરના જિંડવાનું પ્રોસેસીંગ દ્વારા પરિરક્ષણ in ફળ અને શાકભાજીનું પરિરક્ષણ	P. R. Davara, A. K. Varshney, Viraj Naliyapara	Director of Extension Education, Anand Agril. University, Anand
	Chapter on મશરૂમમાં પરિરક્ષણ in ફળ અને શાકભાજીનું પરિરક્ષણ	P. R. Davara, R. L. Rajput	Director of Extension Education, Anand Agril. University, Anand
	Chapter on ડબ્બાબંધી કરેલ ફળ અને શાકભાજીમાં થતો બગાડ અને તેનું નિવારણ in ફળ અને શાકભાજીનું પરિરક્ષણ	P. R. Davara, V. P. Sangani, R. L. Rajput	Director of Extension Education, Anand Agril. University, Anand
	જામફળ અને પપાયામાં પરિરક્ષણ (ફળ અને શાકભાજીનું પરિરક્ષણ)	ડો. ડી. કે. ગોજયા, ડો. એસ. પી. ચોવેરા, કુ. બી. એમ. દેવાણી	Director of Extension Education, Anand Agril. University, Anand

	દાડમ, કેળા અને સીતાફળનું પરિરક્ષણ ((ફળ અને શાકભાજીનું પરિરક્ષણ)	ડો. એસ. પી. ચોલેરા, ઈજ. આર.એલ.રાજપૂત, ઈજ. એમ. ટી.કુંપાવત, કુ. બી. એમ. દેવાણી, ડો. ડી.કે. ગોજ્યા	Director of Extension Education, Anand Agril. University, Anand
	નાળીયેરમાં પરિરક્ષણ	ડો. એસ. પી. ચોલેરા, ઈજ. એમ. ટી.કુંપાવત, કુ. બી. એમ. દેવાણી, ડો. ડી.કે. ગોજ્યા, શ્રી. વી. ડી.કુકડીયા	Director of Extension Education, Anand Agril. University, Anand
	ટામેટામાં પરિરક્ષણ	ડો. એસ. એચ. અકબરી, શ્રી. બી. એલ. જાની, કુ. બી.એમ. દેવાણી	Director of Extension Education, Anand Agril. University, Anand
June-2022			
	Chapter on કેરીમાં મૂલ્યવર્ધન in ફળ પાકોમાં મૂલ્યવર્ધન	P. R. Davara, V. P. Sangani	Gujarat Horticulture Development, Anand
	સીતાફળમાં મૂલ્યવર્ધન (ફળ પાકોમાં મૂલ્યવર્ધન)	ડો. એસ. પી. ચોલેરા, કુ. બી. એમ. દેવાણી, કે.આર.જેઠવા	ગુજરાત બાગાયત વિકાસ, અંક-૮૭, આણંદ
	ખારેકમાં મૂલ્યવર્ધન ((ફળ પાકોમાં મૂલ્યવર્ધન)	બી. એલ. જાની, બી. એમ. દેવાણી, સી. જે. જોશી, એસ. એચ. અકબરી	ગુજરાત બાગાયત વિકાસ, અંક-૮૭, આણંદ
	“Bor, gunda, kotha तथा karmdama mulyavardhan”. Chapter in book “Fal pakoma mulyavardhan”. Published by pp. 48-	Dabhi M. N. and Joshi N. U.	Gujarat Bagayat Vikas volume 87.

	51.		April-June 2022.
July-2022			
Aug-2022			
Sept-2022			
Oct-2022			
Nov-2022			
Dec-2022			
Jan-2023			
Feb-2023			

Mar-2023

Participated in Training/Refresher Course/ Winter school/Seminar/Workshop/Symposia/Conference/Convention etc.

Month wise Information (2022-23)

No.	Title	Place	Duration	Organized by	Name of Faculty
2022-23					
April-2022					
May-2022					
	Video Editing & conferencing skills in social media for extension services.	AAU, Anand	30-05-2022 to 04-06-2022	EEI, AAU, Anand	A.M.JOSHI
	Seventh Meeting of Indian Grain Storage Working Group (IGSWG)	New Delhi	20-05-2022	Agril. Engg. Division, ICAR, New Delhi	A.M.JOSHI
	Up-gradation of HRD skills for Extension Personnel	AAU, Anand	16-05-2022 to 21-05-2022	EEI, AAU, Anand	P. R. Davara
June-2022					
	NPS/APY online webinar	Online webinar	24-06-2022	PFRDA	P. R. Davara
	National Seminar on "Synergetic Extension	Junagadh Agricultural	June 24-25, 2022	Society of Extension	B. M. Devani

	Approaches for Livelihood Improvement and Agricultural Development”	University		Education, Gujarat and JAU, Junagadh	
July-2022					
Aug-2022					
	International Conference on Advances in Agriculture and Food System towards Sustainable Development Goals (AAFS2022)., and ICAR, New Delhi during.	University of Agricultural Sciences, Banglore	22-24th August, 2022	Organized by All India Agricultural Students Association, New Delhi, University of Agricultural Sciences, Banglore,	Dr. M. N. Dabhi
	Quit India Movement to Food Secured India	Online webinar	08-08-2022	MPKV, Udaipur	P. R. Davara
	International conference on Advances in Agriculture and Food System towards sustainable development goals	Online conference	22-08-2022 to 24-08-2022	UAS, Bangalore	P. R. Davara

Sept-2022					
Oct-2022					
	International Conference on Contribution of Agriculture for Challenges and Opportunity of Food Security till 2030 (Hybrid Mode).	Mangalayatan University, Jabalpur	15-16 October, 2022	Organized by Mangalayatan University Jabalpur and Society for World Environment, Food and Technology (SWEFT), Meerut (UP),	Dr. M. N. Dabhi
	Statistical methods in Food Processing	Online training	10-10-2022 to 11-10-2022	AFSTI	P. R. Davara
Nov-2022					
	International Conference on "Innovative Food System Transformations for Sustainable Development in Agro-Food and Nutrition Sector	Online International Conference	16-11-2022 to 17-11-2022	VIGNAN Guntur (AP)	V. K. Chandegara

Dec-2022					
Jan-2023					
	Workshop on “Use of Modern Technologies and Automation in Food Processing”	Junagadh Agricultural University, Junagadh	January 05-06, 2023	Department of Processing and Food Engineering, CAET, Junagadh	B. M. Devani
	Workshop on “Use of Modern Technologies and Automation in Food Processing”	Junagadh Agricultural University, Junagadh	January 05-06, 2023	Department of Processing and Food Engineering, CAET, Junagadh	V. K. Chandegara
	Workshop on “Use of Modern Technologies and Automation in Food Processing”	Junagadh Agricultural University, Junagadh	January 05-06, 2023	Department of Processing and Food Engineering, CAET, Junagadh	A. M. JOSHI
Feb-2023					
	Workshop on “Waste Utilization and Management for Energy Generation”	Junagadh Agricultural University, Junagadh	February 16-17, 2023	Department of REE, CAET, JAU, Junagadh	B. M. Devani

	Workshop on “Waste Utilization and Management for Energy Generation”	Junagadh Agricultural University, Junagadh	February 16-17, 2023	Department of REE, CAET, JAU, Junagadh	V. K. Chandegara
	Participated in 38th Annual workshop of AICRP on PHET	Kasargod, Kerala	February 20-22, 2023	AICRP on PHET, Project Co-ordinator office, Ludhiana	A. M. JOSHI
Mar-2023					

Popular Article Published

Month wise Information (2022-23)

Sr. No.	Title	Author	Magazine	Year
2022-23				
April-2022				
May-2022				
	Food Additives - An Application in Food Industries	V. P. Sangani ¹ , P. R. Davara	Agriculture and Food : E-Newsletter	2022
	Application of Enzyme Technology in the Pulse Milling	P. R. Davara ¹ , V. P. Sangani	Agriculture and Food : E-Newsletter	2022
June-2022				
	Application of Radio Frequency Heating in the Food Processing	P. R. Davara ¹ , V. P. Sangani	Agriculture and Food : E-Newsletter	2022
July-2022				
	Digital Food Safety	S. N. Jani, B. L. Jani, B. M. Devani	Food & Drink Industry	2022
	Trends in Microbial	S. N. Jani, B. L. Jani, B.	Food & Drink	2022

	Food Safety Testing	M. Devani	Industry	
	Food Product Authenticity: Trends & Techniques	B. L. Jani and B. M. Devani	Food & Drink Industry	2022
Aug-2022				
	Recyclable Packaging Solutions: A Need of an Hour	B. M. Devani, B. L. Jani, Bhavisha Karangia	Food & Drink Industry	2022
Sept-2022				
	મગફળીની વિવિધ વાનગીઓ	ડો. જી. આર. ગોહિલ, પ્રો. બંસી દેવાણી, પૂજા બી. અસવાર, પ્રો. પીન્કી બેન એસ. શર્મા	આધુનિક ખેતી	૨૦૨૨
Oct-2022				
Nov-2022				

Dec-2022				
Jan-2022				
Feb-2022				
Mar-2023				
	Upcycling is the key to reducing the food waste	C. J. Popaliya, B. L. Jani, A. M. Shingala, B. M. Devani	Food and Drink Indutsry	March 2023, Issue 2, Vol 4

Research Paper Published in Journal

Month wise Information (2022-23)

Sr. No.	Title of Paper	Author	Name of Journal	Volume No.	Issue No.	Page No.
2022-23						
April-2022						
1	Effect of Blanching on the Quality of Green Peas During Freezing	V.P. Sangani, A.N. Dalsaniya and P.R. Davara	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15		359-367
May-2022						
2	Effects of Process Parameters on Rice Based Extruded Snack Food.	Sapariya, P.S., Sangani, V.P. and Davara, P.R.	Food. Int. J. Ag. Env. Biotech., 15(Special Issue) NAAS-4.54	15		407-415
June-2022						
3	Optimization of Prickly Pear Juice Clarification for Better Retention of Betalain and Color Properties	P.R. Davara, A.K. Varshney, V.P. Sangani, P.P. Vora	Asian Journal of Dairy and Food Research NAAS:5.75	41	2	196-204
4	Effect of ozonisation	Ashish M	The Pharma	11	Sp.	819-822

	against microorganisms lime fruits	the of	Joshi, Mukesh N Dabhi, Devanand K Gojiya and MS Shitap	Innovation Journal NAAS rating :5.23		Issue	
July-2022							
Aug-2022							
5	Bioactive Compounds of Turmeric Powder Affected by Grinding Method and Feed Temperature		M.N. Dabhi, P.R. Davara, H.P. Gajera, Nirav Joshi and Parth Saparia	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	337-345
6	Physical and Functional Properties of Extruded Snack Products Prepared by Blending of Defatted Peanut Flour with Corn Flour		P.R. Davara, Mohit H. Muliya, M.N. Dabhi and V.P. Sangani	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	347-358
7	Effect of Blanching on the Quality of Green Peas During Freezing		V.P. Sangani, A.N. Dalsaniya and P.R. Davara	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	359-367
8	Physical properties of fresh turmeric rhizomes (Var. Salem).		Ravina Parmar and Mukseh N. Dabhi	International Journal of Agriculture,	15	Sp. Issue	369-378

			Environment and Biotechnology NAAS-4.54			
9	Effects of Process Parameters on Rice Based Extruded Snack Food	P.S. Sapariya, V.P. Sangani and P.R. Davara	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	407-415
10	Process standardization for formulating protein-augmented corn-based extrudates using defatted sesame flour (DSF): Sesame oil industry waste valorization	Devanand Gojiya, Paresh Davara, Vanraj Gohil, Mukesh Dabhi	Journal of Food Processing and Preservation NAAS-8.19	46	12	e17203
11	Assessment of λ -irradiation Impact on Physiological and Sensory Characteristics of Peanut Kernels (<i>Arachis hypogaea L.</i>) as a Function of Moisture Content	D.K. Gojiya, D.M. Vyas & A.M. Joshi	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	385-392
12	Influence of ozone treatment on carbohydrate content of wheat during bulk storage.	Shingala Abhishaben M., M. N. Dabhi , P. J. Rathod and Rathod Ravikumar R	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	401-406

13	Moisture dependent physical properties of psyllim seeds for different varieties.	Nirav U. Joshi and Mukesh N. Dabhi	International Journal of Agriculture, Environment and Biotechnology NAAS-4.54	15	Sp. Issue	427-436
Sept-2022						
Oct-2022						
14	Effect of ozone gas exposure time and ozone cycle on starch content of wheat (<i>Triticum aestivum</i>) during bulk storage.	Abhishaben M. Shingala, Dr. M. N. Dabhi , Dr. P. J. Rathod and Trushal L. Dharsenda	The Pharma Innovation NAAS 5.23	11	10	1621-1626
Nov-2022						
15	Valorization of sweet orange peel residues via hot air drying and cariogenic grinding: Evaluation of color characteristics	Chandani Popalia, VK Chandegara and PJ Rathod	<i>The Pharma Innovation Journal</i> NAAS rating :5.23	11	11	332-336
Dec-2022						
16	Effect of low temperature grinding on phytochemicals profile of fenugreek seed powder.	Prakash M. Sirwani, Mukesh N. Dabhi and	Journal of Spices and Aromatic Crops	23	2	177-186

		Pankaj J Rathod.	NAAS rating :5.23			
17	Influence of Ozone Treatment on Gluten Content of Wheat (Triticum aestivum) during Bulk Storage.	Shingala Abhishaben M. and M. N. Dabhi.	Frontiers in Crop Improvement NAAS 4.67	10	Special issue-V	2215-2220
Jan-2023						
18	Influence of Ozone Treatment on Wheat (Triticum aestivum) Germination during Bulk Storage.	Shingala AM and M N Dabhi	Journal of Cereal Research NAAS 4.57	14	3	283-290
Feb-2023						
Mar-2023						

Practical Manual Prepared

Month wise Information (2022-23)

Sr. No.	Subject	Author	Semester
2022-23			
	Post-Harvest Engineering of Horticultural Crops (COURSE CODE: P.F.E. - 3.6.3)	Dr. V. K. Chandegara & Prof. B. M. Devani	6th
	Post Harvest Engineering of Cereals, Pulses and oilseeds, PFE 3.5.4	Sangani V. P. and Davara P.R	5th

Research Paper Accepted/ Presented in Conference/Seminar/Workshop/Symposia

Month wise Information (2022-23)

No.	Title of Paper	Author	Name Conference/Seminar/ Workshop/Symposia	Duration	Presented/ Accepted
23					
April-2022					
May-2022					
June-2022					
July-2022					
Aug-2022					
	Bioactive Compounds of	M.N. Dabhi, P.R. Davara, H.P.	International Conference	22-08-2022 on to 24-08-	Accepted

	Turmeric Powder Affected by Grinding Method and Feed Temperature	Gajera, Nirav Joshi and Parth Saparia	Advances in Agriculture & Food System Towards Sustainable Development Goals	in 2022	
	Physical and Functional Properties of Extruded Snack Products Prepared by Blending of Defatted Peanut Flour with Corn Flour	P.R. Davara, Mohit H. Muliya, M.N. Dabhi and V.P. Sangani	International Conference on Advances in Agriculture & Food System Towards Sustainable Development Goals	22-08-2022 to 24-08-2022	Presented
	Effect of Blanching on the Quality of Green Peas During Freezing	V.P. Sangani, A.N. Dalsaniya and P.R. Davara	International Conference on Advances in Agriculture & Food System Towards Sustainable Development Goals	22-08-2022 to 24-08-2022	Accepted
	Effects of Process Parameters on Rice Based Extruded Snack Food	P.S. Sapariya, V.P. Sangani and P.R. Davara	International Conference on Advances in Agriculture & Food System Towards Sustainable Development Goals	22-08-2022 to 24-08-2022	Accepted
	Effect of Blanching on the	Sangani, V.P., Dalsaniya, A.N.	icipated and presented in international	22-24 August	Presented

	Quality of Green Peas During Freezing.	and Davara, P.R.	conference on advances in agriculture and food system towards sustainable development goals (AAFS- 2022) held at university of agriculture science, Bangalore during	2022.	
Sept-2022					
Oct-2022					
Nov-2022					
	eco-chemical properties of custard apple (<i>Annona squamosa</i>) for extraction of	Kumar Sahu ¹ and K. Chandegara	56 annual Convention Agricultural Engineering Association for Food Security	2022 2022	Accepted for oral presentation
	Quality Characteristics of	Brinda M. Thaker and V. K.	56 annual Convention Agricultural Engineering	2022	Accepted for oral presentation

	Gluten Free Pizza from Barnyard Millet – Soy Flour Blends	Chandegara	ation for Food Security	. 2022	
	Effect of Fluidized Bed Drying and Different Grinding Condition on Biochemical Characteristics of Sweet Orange Peel	Chandani Popalia, V. K. Chandegara and P. J. Rathod	56 annual Convention Agricultural Engineering ation for Food Security	.2022 . 2022	cepted for presentation
Dec-2022					
Jan-2022					
Feb-2022					
Mach-2022					

Training/Event Organised

Month wise Information (2022-23)

Sr. No.	Title of Training/Event	Period (From to)	Beneficeries
2022-23			
	SCSP training on Post harvest technology and processing of agricultural crops at Vill. Bhan Khokhari (Tal. Jamkhambhaliya)	10-06-2022	100
	IDP training on Use of Modern Technologies and Automation in Food Processing	05-01-2023 to 06-01-2023	148

Award Received /NET, ARS Qualified

Month wise Information (2022-23)

Sr. No.	Particulars of award/NET/ARS	Awarded by	Name /No. of Faculty	Year
2022-23				
1.	Best article award for the article on Food Additives - An application in Food Industries	Agriculture and Food : E-Newsletter	V. P. Sangani, P. R. Davara	2022
2	Best Article Award : Application of High-Pressure Processing in Food Preservation	Agriculture and Food : e-Newsletter, Vol. 4, Issue 2	P. R. Davara and V. P. Sangani	2022
3	Best Article Award : Role of Enzymes in Food Processing	Agriculture and Food : e-Newsletter,	V. P. Sangani and P. R. Davara	2022

BOOKLET/LEAFLET PUBLISHED

Month wise Information (2022-23)

Sr. No.	Title	Author	Booklet/ Leaflet/Folder etc.	Language
2022-23				
	Design and Development of On-farm solar assisted dryer for drying of groundnut pods for longer storage.	Dr. S. P. Cholera, Prof. A. M. Joshi, Dr. P. N. Sarsavadiya, Dr. P. J. Rathod, Dr. M. N. Dabhi, Prof. R. D. Dhudeshiya, Dr. M. S. Dulawat	Booklet	English

RADIO TALKS

Month wise Information (2022-23)

Sr. No.	Title	Author	Broadcasting details	Language
2022-23				
April-2022				
May-2022				
June-2022				
July-2022				
	ઓઝોન ટેકનોલોજી દ્વારા ફળ અને શાકભાજીનું આયુષ્યવર્ધન	P. R. Davara	Junagadh Janwani 91.2 MHz	Gujarati
	લીંબુનું પ્રોસેસિંગ અને મૂલ્યવર્ધન	V K Chandegara	Junagadh Janwani 91.2 MHz	Gujarati
	બટાટાનું પ્રોસેસિંગ દ્વારા મૂલ્યવર્ધન	V. P. Sangani	Junagadh Janwani 91.2 MHz	Gujarati

Aug-2022				
Sept-2022				
	કેળાનું પ્રોસેસિંગ અને મૂલ્યવર્ધન	V K Chandegara	Junagadh Janwani 91.2 MHz	Gujarati
	ધાન્ય પાકોમાં પ્રોસેસિંગ દ્વારા મૂલ્યવર્ધન	V. P. Sangani	Junagadh Janwani 91.2 MHz	Gujarati
Oct-20				
	ફળ પાકોમાં મૂલ્યવર્ધન	V K Chandegara	Junagadh Janwani 91.2 MHz	Gujarati
Nov-2022				
	કૃષિ પેદાશોનાં પ્રસંસ્કરણ માટે ઉપયોગી મશીનરી	P. R. Davara	Junagadh Janwani 91.2 MHz	Gujarati
	કાંપણી પછી કૃષિ પાકોમાં પ્રસંસ્કરણ	બી. એમ. દેવાણી	Junagadh Janwani 91.2 MHz	Gujarati
	કઠોળ પાકોનું પ્રોસેસિંગ અને મૂલ્યવર્ધન	V. P. Sangani	Junagadh Janwani 91.2 MHz	Gujarati
Dec-2022				

	ફળ અને શાકભાજીનું પેકેજિંગ	P. R. Davara	Junagadh Janwani 91.2 MHz	Gujarati
	ફળ પાકોની સંગ્રહ પદ્ધતિઓ	V K Chandegara	Junagadh Janwani 91.2 MHz	Gujarati
Jan-2023				
	આમળાનું પ્રોસેસિંગ અને મૂલ્યવર્ધન	બી. એમ. દેવાણી	Junagadh Janwani 91.2 MHz	Gujarati
	લીંબુની સંગ્રહ પદ્ધતિઓ	V K Chandegara	Junagadh Janwani 91.2 MHz	Gujarati
Feb-2022				
	બીજ મસાલા પાકોમાં	V. P. Sangani	Junagadh Janwani 91.2 MHz	Gujarati
March-2023				
	ફળ શાકભાજીનું નીચા તાપમાને પરિરક્ષણ	બી. એમ. દેવાણી	Junagadh Janwani 91.2 MHz	Gujarati