

Department of Post Harvest Technology ASPEE College of Horticulture Navsari Agricultural University, Navsari – 396 450



Faculty Profile

Name	Designation	Qualification	Date of Joining (Present Post)	Length of Service (Yrs.)	Specialization
Dr. Dev Raj	Professor and Head	Ph.D.	23/08/2019	18	Post Harvest Technology
Dr. Parag S. Pandit	Assistant Professor	Ph. D.	14/02/2007	17	Processing & Food Engineering
Dr. Ashok Kumar Senapati	Assistant Professor	Ph. D.	30/03/2009	15	Processing & Food Engineering
Dr. Jilen M. Mayani	Assistant Professor	Ph. D.	29/06/2010	14	Post Harvest Technology
Dr. Fakir Mohan Sahu	Assistant Professor	Ph. D.	25/02/2013	11	Processing & Food Engineering
Dr. Harish G. Suthar	Assistant Professor	Ph. D.	27/01/2014	10	Microbiology
Dr. Nilam V. Patel	Assistant Professor	Ph. D.	27/08/2015	8	Post Harvest Technology

Supporting Technical Staff

Name	Designation	Qualification	Date of Joining (Present Post)	Length of Service (Yrs.)	Specialization
Mr. Balvantkumar D. Ahir	Plant Operator	ITI	02/04/2011	13	Plant operation
Ms. Unnatikumari D. Patel	Agriculture Assistant	Diploma (Horticulture)	03/07/2018	5.5	Horticulture

Profile of Dr. Dev Raj				
Designation	:	Professor and Head		
Qualification	:	Ph.D. (Horticulture) in Post Harvest		
		Technology		
Specialization	:	Post Harvest Technology		
Phone No. (Office)	:	+91 2637 282771-75, Ext.1320 -		
		202		
Mob. No.	:	+91 9913753252		
e-mail	:	drdpandir@yahoo.co.in		
		drpandir_phtc@nau.in		
Professional Experience	:	18 years		
PG students guided	:	M.Sc.: 9 and Ph.D.:8		



Publications

1	Research articles	:	68	5	Booklet	:	03
2	Popular/review	:	52	6	Folders/Pamphlets/Extension	:	25
	articles				Bulletins		
3	Book chapter	:	17	7	Teaching manual	:	08
4	Book	:	12	8	Abstract		> 70

Awards, Medals and Recognition

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SN	Name of Awards, Medals and	Year	Awarding institute/ Agency
	Recognition		
1.	Fellow of the ISHRD (2021-22)	2024	ISHRD, Uttrakhand
2.	Best Poster Paper Presentation	2023	NAU, Navsari; IES PAU, Ludhiana and IUFRO
3.	Excellence in Research Awards	2023	NADCL Baramulla and NAU
4.	Best Poster Paper Presentation	2022	SPBB, IARI, Pusa Campus, New Delhi
5.	Best Poster Paper Presentation	2020	CHF, Jhalawar, Rajasthan
6.	Best Oral Paper Presentation	2020	NRC Banana Trichy and ABI-CIAT
7.	Best Oral Paper Presentation	2018	HSG and NAU, Navsari
8.	Best Poster Paper Presentation	2018	HSG and NAU, Navsari
9.	Excellence in Teaching Award	2017	Science and Tech Soc., Telangana
10.	Rastriya Gaurav Award	2016	IIFS, New Delhi
11.	Best Oral Paper Presentation	2016	ISTS and NAU, Navsari
12.	Best Poster Paper Presentation	2016	ISTS and NAU, Navsari
13.	Best Poster Paper Presentation	2016	CAFRI, Jhansi (U.P.) India,
14.	Best Poster Paper Presentation	2014	CHAI, New Delhi and HSG, Navsari
15.	Best Poster Paper Presentation	2014	CHAI, New Delhi and HSG, Navsari
16.	Best Oral Paper Presentation	2013	NAU and HSG, Navsari
17.	Dr J S Pruthi Memorial award	2010	AIFPA, New Delhi, India
18.	Kejriwal Award	2008	AIFPA, New Delhi, India
19.	Best Performing PHT centre	2009	ICAR recognition
20.	ICAR JRF for MSc	1998	ICAR

Research project on hand in which working as PI / Co-PI	PI:06	Co-PI: 10
Research project completed in which worked as PI/ Co-PI	PI: 17	Co-PI: 11

Nu	mber of Recommendations / Messag	ges	
1	For farmers community	:	28
2	For Scientific community	:	-
3	For Policy makers/ extension personnel	:	-
Nu	mber of Seminar/Conference/Works	sho	p/Training/Convention attended
1	Seminar	:	15
2	21 days training	:	1
3	Conference		7
4	Symposium	:	3
5	10 days Training	:	2
6	Webinar		10
7	Workshop		2
			<u> </u>
Additional charges : Rector,			SPEE Hostels, ASPEE College of Horticulture,
har	ndling	gricultural University, Navsari	

Five Best research Publications

- 1. Naik PR, Dev Raj, Mayani JM, Patel NV and Atif A (2021). Preservation techniques for minimal processing of fresh-cut carrot pieces. The Pharma Innovation Journal, 10(11): 2476-2484.(5.23: NASS Rating 2021)
- 2. Vaghashiya, J. M.; Dev, Raj and Suthar, H. (2016). Quality evaluation of blended nectar prepared using aloe vera, bitter gourd, aonla and guava. *J. Hill Agri.*, 7(1): 129-134. (4.94: NASS Rating 2017)
- 3. Dev, Raj; Sharma, P. C. and Sharera, S. (2015). Studies on osmo-air dehydration of different Indian apricot (*Prunus armeniaca* L.) cultivars. *J. Food Sci. Tech.* 52(6):3794-3802. (7.24: NASS Rating 2017)
- 4. Dev Raj; Sharma, P. C. and Vaidya, D. (2011). Effect of blending and storage on quality characteristics of blended sand pear apple juice (SP-AJ) beverage. *J. Food Sci. Tech.* 48(1): 102-105. (7.24 : NASS Rating2017)
- **5.** Ahlawat, O. P.; Manikandan, K; Sagar, M.P.; Dev Raj; Gupta, P. and Vijay, B. (2011). Effect of composted button mushroom spent substrate on yield, quality and disease incidence of Pea (*Pisum sativum*). *Mushroom Research: An International Journal* 20(2):87-94.

Profile of Dr. Parag Sudhirkumar Pandit

Designation	:	Assistant Professor
Qualification	:	Ph. D.
Specialization	:	Processing and Food Engineering
Phone No. (Office)	:	+91 2637 282771, Ext. 201
Mob. No.	:	7600049187
e-mail	:	postharvesttechnology@nau.in
Professional	:	17 Years
Experience		
PG students guided	:	M.Sc.: 3; and M.Tech:05;
		ABM:02



Publications

I ub	iications						
1	Research	:	10	5	Booklet	:	04
	articles						
2	Popular	:	08	6	Folders/Pamphlets/Extension	:	03
	articles				Bulletins		
3	Book chapter	:	05	7	Teaching manual	:	05
4	Book	:	04	8	Abstract		08

Awards, Medals and Recognition

SN	Name of Awards, Medals and	Year	Awarding institute/ Agency
	Recognition		
1			
2			

Research project on hand in which working as PI / Co-PI	Co-PI: 01	
Research project completed in which worked as PI/ Co-PI	PI :3	Co-PI:4

Number of Recommendations / Messages

1	For farmers community	:	12
2	For Scientific community	:	00
3	For Policy makers/ extension	:	00
	personnel		

Number of Seminar/Conference/Workshop/Training/Convention attended

1	Seminar	:	08
2	21 days training	:	02
3	conference	:	08
4	28 days Training	:	01
5		:	XX

Additional charges handling	:	Asst. Rector, Swami Vivekanand Hostel, ASPEE College of
		Horticulture, Navsari Agricultural University, Navsari

1.	Placement Officer	:	Placement Cell Horticulture,
2.	Co-Chair	:	Competitive Examination Cell- U.G., ACH
3.	Member	:	Event Organizing Cell, ACH
4.	Member	:	Image Building Cell, ACH

Profile of	Dr. A.K. Senapati
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Designation	:	Assistant Professor
Qualification	:	Ph.D.
Specialization	:	Processing and Food Engineering
Phone No. (Office)	:	02637-282144/45 Ext. 210
Mob. No.	:	Mob:09638911247
e-mail	:	askphtc@nau.in /
		ashoksenapati.iitkgp@gmail.com
Professional Experience	:	<u>17</u> years
PG students guided	:	M.Sc. <u>07</u> M.Tech. <u>02</u> and
		Ph. D.:Nil



Publications

1	Research articles	:	30	5	Booklet	:	00
2	Popular articles	:	14	6	Folders/Pamphlets/Extension Bulletins	:	03
3	Book chapter	:	15	7	Teaching manual	:	02
4	Book	:	03	8	Abstract		125

Awards, Medals and Recognition

GD.T	, , , , , , , , , , , , , , , , , , , ,		
SN	Name of Awards, Medals and	Year	Awarding institute/ Agency
	Recognition		
1	Best Oral presentation	2024	NAU,Navsari(PHC-2024)
2	Best Oral presentation	2023	RARI,Jaipur
3	Best Oral presentation	2023	Shimla
4	Certificate of recognition of resource	2023	NAU, Navsari
	For Workshop on Millet processing		
5	Best Oral presentation	2022	NAU, Navsari
6	Certificate of Appreciation of resource person Professional certified Agripreneurship Training programme	2022	NAU, Navsari
7	Best Oral presentation	2022	NAU, Navsari
8	Best Poster presentation	2022	NAU, Navsari
9	Certificate of recognition of resource	2020	NAU, Navsari
	person ELP Module		
10	Best Oral presentation	2019	NAU, Navsari
11	Best Oral presentation	2018	NAU, Navsari
12	Best Poster presentation	2018	NAU, Navsari
13	Best Oral presentation	2017	NAU, Navsari
14	Best Oral presentation	2013	NAU, Navsari
15	Best Post presentation	2013	NAU, Navsari

16	Best Oral presentation	201	3	NA	U, Navsari			
			-,					
Rese	earch project on hand in which worki	ng as	s PI	/ Co-	PI : <u>03</u> Co-P	I: <u>07</u>		
PI								
	earch project completed in which wor	ked a	as I	PI/	PI : <u>04</u>	Co-PI: <u>17</u>		
Co-l	PI							
A	Associate Scientist mango & Guava-II For domestic and export market (2009-2013)							
Nui	nber of Recommendations / Me	ssag	es	Patent	t			
1	For farmers community		:	04+17				
2	For Scientific community		:	00				
3	For Policy makers/ extension personne	el	: 00					
4	No. of Patent Design		: 02					
Nui	nber of Seminar/Conference/W	orks	sho	p/Trai	ining/Conve	ention attended		
1	Seminar		:	49				
2	21 days training		:	04				
3	Conference		:	05				
4	10 Days Training		:	02				
5	Workshop		:	05				
Add	litional charges : PG	Sem	ina	r Coordi	inator (Horticu	lture Group –I) and		
han	dling	nletic	s A	dvisor, S	Students Repre	esentative Council Member		
	_							

Profile of Dr.J. M. Mayani

Designation	:	Assistant Professor
Qualification	:	Ph. D.
Specialization	:	Post Harvest Technology
Phone No. (Office)	:	+91 2637 282771, Ext. 212
Mob. No.	:	+91 8128686717, +91 9898110173
e-mail	:	jmpphtc@nau.in
Professional Experience	:	14 years
PG students guided	:	M.Sc. 2 and Ph. D.: NIL



Publications

1	Research articles	:	28	5	Booklet	:	06
2	Popular articles	:	21	6	Folders/Pamphlets/Extension	:	11
					Bulletins		
3	Book chapter	:	08	7	Teaching manual	:	09
4	Book	:	08	8	Abstract		45

Awards, Medals and Recognition

SN	Name of Awards, Medals and	Year	Awarding institute/ Agency
	Recognition		
1	Best Poster Presentation	2024	PHC, and NAU, Navsari
2	Young Scientist Excellence Award	2023	Agri Innova 2023, Tamil Nadu
3	Best Oral Presentation	2023	Agri Innova 2023, Tamil Nadu
4	Golden Achiever Award	2022	CAPA, New Delhi
5	Best Researcher Award	2021	VD Good, Tamil Nadu
6	Best Scientist	2020	EET, CRS, New Delhi
7	Young Professor of the Year Award	2020	GTEA, Kites Education, New Delhi
8	Best Oral Presentation	2016	NAU, Navsari
9	Best Oral Presentation	2014	NAU, Navsari
10	Best Oral Presentation	2014	NAU, Navsari
11	Best Poster Presentation	2014	HSG and NAU, Navsari
12	Best Oral Presentation	2013	CHAI, New Delhi and HSG, Navsari

Research project on hand in which working as PI / Co-PI PI : 02 Co-PI: 4

Research project completed in which worked as PI / Co-PI PI : 02 Co-PI: 22

Number of Recommendations / Messages

1	For farmers community		17
2	2 For Scientific community	:	01
3	For Policy makers/ extension personnel	:	00

Number of Seminar/Conference/Workshop/Training/Convention attended

1	Seminar	:	08
2	21 days training	:	04
3	Conference	:	03

4	Short Training	:	04
5	Work Shop	:	04
Add	litional charges handling :		
1	Co-PI	:	NAHEP-CAAST Project
T			

Profile of Dr. Fakir Mohan Sahu						
Designation	:	Assistant Professor				
Qualification		Ph.D.				
Specialization		Processing and Food Engineering				
Phone No. (Office)		+91 2637 282771, Ext. 208				
Mob. No.		+91 9879123286				
e-mail	:	fmsphtc@nau.in				
	'	fakirmohansahu@gmail.com				
Professional Experience	:	11 years				



Publications

PG students guided

1	Research articles	:	18	5	Booklet	:	00
2	Popular articles	:	02	6	Folders/Pamphlets/Extension Bulletins	:	0
3	Book chapter	:	11	7	Teaching manual	:	01
4	Book	:	04	8	Abstract		35

M.Tech.: 2 and Ph. D.: NIL

Awards, Medals and Recognition

SN	Name of Awards, Medals and	Year	Awarding institute/ Agency
	Recognition		
1	Best Oral presentation	2024	NAU, Navsari (PHC-2024)
2	Best Poster presentation	2023	57 th Annual Convention of ISAE and
			International Symposium held at UAS
			Raichur, Karnataka
3	Third Best Oral presentation	2023	35 th National Convention of Agricultural
			Engineers held at CAE, JNKVV, Jabalpur
4	Certificate of Appreciation of resource	2022	NAU, Navsari
	person for 3 month Professional		
	certified Agripreneurship Training		
	programme		
5	Best Poster paper presentation	2018	HSG and ACHF, NAU, Navsari
6	Second Best Oral Paper Presentation	2018	HSG and ACHF, NAU, Navsari

Research project on hand in which working as PI / Co-	PI : <u>03</u>	Co-PI: <u>04</u>
PI		
Research project completed in which worked as PI/	PI : <u>01</u>	Co-PI: <u>07</u>
Co-PI		

Number of Recommendations / Messages/Patent

1	For farmers community	:	08
2	For Scientific community	:	00
3	For Policy makers/ extension personnel	:	00
4	No. of Patent Design	:	01 (submitted)

Number of Seminar/Conference/Workshop/Training/Convention attended								
1	Seminar	:	06					
2	21 days training	:	03					
3	Conference	:	04					
4	10 Days Training	:	00					
5	Workshop	:	20					
6.	Webinars	:	: 23					
Add	ditional charges :							
han	dling							
1	GRM- Nodal for ACH (unit 1)	:	NAHEP-CAAST Project, NAU, Navsari					
2.	Member	:	Competitive Examination Cell- U.G., ACH					

Profile of Dr. Harish Suthar

Designation	:	Assistant Professor (Food
		Microbiology)
Qualification	:	Ph. D. (Microbiology)
Specialization	:	Microbiology
Phone No. (Office)		+91 2637 282771, Ext. 207
Mob. No.	:	9924043413
e-mail	:	harish.s@nau.in
Professional	:	10 years
Experience		
PG students guided	:	M.Sc.: 6 and Ph. D.:



Publications

1	Research articles	:	26	5	Booklet	:	XX
2	Popular articles	:	XX	6	Folders/Pamphlets/Extension Bulletins	:	XX
3	Book chapter	:	4	7	Teaching manual	:	1
4	Book	:	XX	8	Abstract		26

Awards, Medals and Recognition

SN	Name of Awards, Medals and Recognition	Year	Awarding institute/ Agency
1	Awarded first prize in poster presentation for the paper titled as "Microbiological Quality Assessment of Fresh And Minimally Processed Button Mushroom [Agaricus bisporus (J. E. Lange)]"	2023	National convention on Transformation of Agrotechnologies for enhancing production under diverse Agro-ecosystem held at Saputara, Gujarat during October 12 to 14, 2023.
2	Recognized as a Ph. D. Guide, Microbiology	2024	DR and Dean, faculty of PG studies, NAU, Navsari

Research project on hand in which working as PI / Co-PI	PI: 2	Co-PI: 6
Research project completed in which worked as PI/ Co-PI	PI : 2 (Concluded)	Co-PI: 6

Number of Recommendations / Messages

1	For farmers community	:	XX

2	For Scientific community	:	XX					
3	For Policy makers/ extension	:	6					
	personnel							
Nui	nber of Seminar/Conference	/ W	orkshop/Training/Convention attended					
1	Seminar	:	11					
2	21 days training	:	3					
3	Conference	:	3					
4	Short term trainings and	:	7					
	workshop							
5	Symposium	:	5					
Add	Additional charges :							
han	handling							
1.	Member	:	Resource Management Cell, ACH					

Profile of Dr. Nilam V. Patel

Designation	:	ASSISTANT PROFESSOR
Qualification	:	Ph.D. (HORTICULTURE)
Specialization	:	POST HARVEST TECHNOLOGY
Phone No. (Office)	:	02637 282144
Mob. No.	:	+91 76000 96697
e-mail	:	nilampatelphtc@nau.in
Professional Experience	:	8 years
PG students guided	:	M.Sc. <u>10</u> and Ph. D.: <u>-</u>



Publications

1	Research articles	:	14	5	Booklet	:	4
2	Popular articles	:	-	6	Folders/Pamphlets/Extension Bulletins	:	8
3	Book chapter	:	5	7	Teaching manual	:	3
4	Book	:	4	8	Abstract	:	19

Awards, Medals and Recognition

SN	Name of Awards, Medals and	Year	Awarding institute/ Agency
	Recognition		
1	Third best poster paper presentation	2020	Agriculture University, Kota, Rajasthan under NAHEP-IG, ICAR, New Delhi (I) Date: 30-31/01/2020
2	Best oral paper presentation	2023	ICAR-NAHEP CAAST, NAU Navsari Date: 28-30/12/2023

Research project on hand in which working as PI / Co-PI PI : __2 Co-PI: __5

Research project completed in which worked as PI / Co-PI PI : __4 Co-PI: __4

Number of Recommendations / Messages

1	For farmers community	:	4 (as PI) + 4 (as Co-PI) = 8
2	For Scientific community	:	-
3	For Policy makers/ extension personnel	:	-

Number of Seminar/Conference/Workshop/Training/Convention attended

1	Seminar	:	10
2	21 days training	:	3
3	conference	:	2
4	Workshop	:	1
5	Conclave	:	3
6	Convention	:	1
7	Symposium	:	1

8	Resource person	:	8
9	Webinar	:	5
10	Meet/Hackathon/Ideathon	:	3
		:	
Add	litional charges handling		
1	Students' Representative Council (SRC)	:	Member
2	Gender Committee	:	Member
3	Grievance Cell	•	Member

Supporting Technical Staff

Profile of Mr Balvantkumar D. Ahir							
Designation	:	Plant Operator					
Qualification	:	ITI (Welder)					
Mob. No.	:	+91 9723902208					
e-mail	:	bdahir@nau.in					
Professional Experience		13 years					
Additional charge	:	XX					

Profile of Ms. Patel Unnatikumari Dilipbhai								
Designation		Agriculture Assistant						
Qualification		Diploma (Horticulture)						
Mob. No.		7698643154						
e-mail	:	agastphtc@nau.in						
Professional Experience Additional charge		5.5 years						
		XX						