



**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	19	Post Harvest Technology
Dr. Parag S. Pandit	Associate Professor	Ph. D.	01/10/2024	18	Processing & Food Engineering
Dr. Ashok Kumar Senapati	Associate Professor	Ph. D.	30/03/2022	16	Processing and Food Engineering
Dr. Jilen M. Mayani	Associate Professor	Ph. D.	30/06/2023	15	Post Harvest Technology
Dr. Nilam V. Patel	Associate Professor	Ph. D.	08/08/2025	9.5	Post Harvest Technology
Dr. Fakir Mohan Sahu	Assistant Professor	Ph. D.	25/02/2013	12.5	Processing & Food Engineering
Dr. Harish G. Suthar	Assistant Professor	Ph. D.	27/01/2014	11.5	Microbiology

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	14	Plant operation
Ms. Unnatikumari D. Patel	Agriculture Assistant	Diploma (Horticulture)	03/07/2018	7	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	:	19 years
PG students guided	:	M.Sc.: 10 and Ph.D.:8



Publications

1	Research articles	:	81	5	Booklet	:	03
2	Popular/review articles	:	58	6	Folders/Pamphlets/Extension Bulletins	:	30
3	Book chapter	:	36	7	Teaching manual	:	12
4	Book	:	18	8	Abstract	:	>155

Awards, Medals and Recognition

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

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

PI : 07Co-PI: 06

Research project completed in which worked as PI/ Co-PI		PI : 17	Co-PI: 11
Number of Recommendations / Messages			
1	For farmers community	:	28
2	For Scientific community	:	-
3	For Policy makers/ extension personnel	:	-
Number of Seminar/Conference/Workshop/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
Additional charges handled (2019-2024)		:	Rector, ASPEE Hostels, ASPEE College of Horticulture, Navsari Agricultural University, Navsari
Five Best research Publications			
<ol style="list-style-type: none"> 1. Naik PR, Dev Raj, Mayani JM, Patel NV and Atif A (2021). Preservation techniques for minimal processing of fresh-cut carrot pieces. <i>The Pharma Innovation Journal</i>, 10(11): 2476-2484.(5.23 : NASS Rating2021) 2. Vaghashiya, J. M.; Dev, Raj and Suthar, H. (2016). Quality evaluation of blended nectar prepared using aloe vera, bitter gourd, aonla and guava. <i>J. Hill Agri.</i>, 7(1) : 129-134. (4.94 : NASS Rating2017) 3. Dev, Raj; Sharma, P. C. and Sharera, S. (2015). Studies on osmo-air dehydration of different Indian apricot (<i>Prunus armeniaca</i> L.) cultivars. <i>J. Food Sci. Tech.</i> 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. <i>J. Food Sci. Tech.</i> 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 (<i>Pisum sativum</i>).<i>Mushroom Research: An International Journal</i> 20(2):87-94. 			

Profile of Dr. Parag Sudhirkumar Pandit

Designation	: Associate 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 Experience	: 18 Years
PG students guided	: M.Sc.: 7; and M.Tech:05; ABM:02



Publications

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

Awards, Medals and Recognition

SN	Name of Awards, Medals and Recognition	Year	Awarding institute/ Agency
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 personnel	: 00

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
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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

Designation	:	Associate Professor (Processing and Food Engineering)	
Qualification	:	Ph.D.	
Joining date	:	30/03/2009	
Specialization	:	Post Harvest 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>18</u> years	
PG students guided	:	M.Sc. <u>09</u> M.Tech. <u>02</u> Co Guide/Committee member:57 (M.Sc.,M.Tech.and Ph. D, MBA(ABM))	


Publications

1	Research articles	:	34	5	Booklet	:	00
2	Popular articles	:	17	6	Folders/Pamphlets/Extension Bulletins	:	03
3	Book chapter	:	15	7	Teaching manual	:	02
4	Book	:	03	8	Abstract	:	125

Awards, Medals and Recognition

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

15	Best Oral presentation	2013	NAU, Navsari
16	Best Post presentation	2013	NAU, Navsari
17	Best Oral presentation	2013	NAU, Navsari
18	Qualified GATE for M.Tech. IIT	2005	MHRD, Govt. India
Research project on hand in which working as PI / Co-PI			PI : <u>02</u> Co-PI: <u>08</u>
Research project completed in which worked as PI/ Co-PI			PI : <u>05</u> Co-PI: <u>17</u>
Project:Associate Scientistmango & Guava(Component –II) For domestic and export market (2009-2013)			
Number of Recommendations / Messages/Patent			
1	For farmers community	:	05+17
2	For Scientific community	:	00
3	For Policy makers/ extension personnel	:	00
4	No. of Patent Design Granted	:	10+04 (published)
Number of Seminar/Conference/Workshop/Training/Convention attended			
1	Seminar	:	49
2	21 days training	:	04
3	Conference	:	05
4	10 DaysTraining	:	02
5	Workshop	:	05
Additional charges handling		:	Athletics Advisor, ELP module Manager, Students Representative Council Member, FSSAI license renewal process, PG Competitive cell Co chair, Solar Panel repair and maintenance NSS Programme Officer

	Name	: Lt. (Dr.) JILEN MANSUKHBHAI MAYANI
	Designation	: Associate Professor
	Specialization	: Post Harvest Technology
	Phone No. (O)	: +91 2637 282771, Ext. 212
	Mob. No.	: +91 8128686717, +91 9898110173
	E mail	: jmpphtc@nau.in
	Professional Experience	: 15 years
	PG students guided	: M.Sc. <u>3</u> and Ph. D.: <u>NIL</u>

Publications

1	Research articles	:	25	5	Booklet	:	06
2	Popular articles	:	21	6	Folders/Pamphlets/Extension Bulletins	:	30
3	Book chapter	:	08	7	Teaching manual	:	09
4	Book	:	08	8	Abstract	:	45

Awards, Medals and Recognition

SN	Name of Awards, Medals and Recognition	Year	Awarding institute/ Agency
1	Best Oral Presentation	2016	NAU, Navsari
2	Best Oral Presentation	2014	NAU, Navsari
3	Best Oral Presentation	2014	NAU, Navsari
4	Best Poster Presentation	2014	HSG and NAU, Navsari
5	Best Oral Presentation	2013	CHAI, New Delhi and HSG, Navsari
6	Best Poster Award	2016	AFSymp2016, ICAS-CARI, Jhansi
7	Best Oral Presentation	2016	National Seminar on Forest and Tree Based Land Use Systems in Livelihood, Nutritional and Environmental Security, NAU, Navsari
8	Best Oral Presentation	2016	National Conference on Palmyra Palm, NAU, Navsari
9	Best Oral Presentation	2020	National Conference on “Utilization and Conservation of Non-Timber Forest Genetic Resources for Sustainable Development – 2020, NAU, Navsari
10	Best Scientist	2020	EET CRS, New Delhi
11	Best Researcher Award	2021	International Scientist Award on Engineering, Science and Medicine, 12Pondicherry – 2021
12	Golden Achievers Award	2022	Council for Academic Performance and Appraisal, New Delhi
13	Best Oral Presentation	2023	International Conference on Recent Innovations and Technological Advancements in Agriculture, Horticulture, Agricultural Engineering, Sericulture, Food Science, Biotechnology and Rural Entrepreneurship 2023
14	Young Scientist Excellence Award	2023	Agri Innova 2023

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

PI : 02

Co-PI: 05

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

PI : 04

Co-PI: 20

Number of Recommendations / Messages

1	For farmers community	:	25
2	For Scientific community	:	01
3	For Policy makers/ extension personnel	:	00
Number of Seminar/Conference/Workshop/Training/Convention attended			
1	Seminar	:	12
2	21 days training	:	04
3	Conference	:	03
4	Short Training	:	03
5	Work Shop	:	02
Additional charges handling		:	
1	Co-PI	:	NAHEP-CAAST Project, NAU, Navsari
2	Co-PI	:	Farmers' First Project, NAU, Navsari
3	Member	:	Competitive Examination Cell- P.G., ACH
4	Member	:	FPO Cell, NAU, Navsari
5	Member	:	Student StartUp Cell, NAU, Navsari
6	Platoon Commander	:	NCC Army, ACH, NAU, Navsari

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	:	fmsphc@nau.in fakirmohansahu@gmail.com
Professional Experience	:	12.5 years
PG students guided	:	M.Tech.: 2 and Ph. D.: NIL



Publications

1	Research articles	:	18	5	Booklet	:	00
2	Popular articles	:	02	6	Folders/Pamphlets/Extension Bulletins	:	0
3	Book chapter	:	14	7	Teaching manual	:	02
4	Book	:	04	8	Abstract		45

Awards, Medals and Recognition

SN	Name of Awards, Medals and Recognition	Year	Awarding institute/ Agency
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	Best BLO supervisor of 174-Jalalpore assembly constituency of Navsari District	2021	Electoral Registration Officer (ERO), 174-Jalalpore assembly constituency and Deputy Collector-1, Navsari
5	Certificate of Appreciation of resource person for 3 month Professional certified Agripreneurship Training programme	2022	NAU, Navsari
6	Best Poster paper presentation	2018	HSG and ACHF, NAU, Navsari
7.	Second Best Oral Paper Presentation	2018	HSG and ACHF, NAU, Navsari

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

PI : 04

Co-PI: 04

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

PI : 01

Co-PI: 08

Number of Recommendations / Messages/Patent

1	For farmers community	:	10
2	For Scientific community	:	00

3	For Policy makers/ extension personnel	:	00
4	No. of Patent /Design	:	01 awarded and 01 published
Number of Seminar/Conference/Workshop/Training/Convention attended			
1	Seminar	:	06
2	21 days training	:	03
3	Conference	:	04
4	10 Days Training	:	01
5	Workshop	:	11
6.	Webinars	:	23
Additional charges handling		:	
1.	In-charge	:	Cold storage, Ripening chambers, Packaging lab, Conference hall etc. of PHT, ACH, 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 Experience	:	11.5 years
PG students guided	:	M.Sc.: 7 and Ph. D.: NIL



Publications

1	Research articles	:	24	5	Booklet	:	XX
2	Popular articles	:	XX	6	Folders/Pamphlets/Extension Bulletins	:	XX
3	Book chapter	:	5	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	Best poster presentation in National conference of Agro-technologies for enhancing production under diverse Agro-Ecosystem	2023	College Agriculture, NAU, Wagai

Research project on hand in which working as PI / Co-PI	PI : 1	Co-PI: 7
Research project completed in which worked as PI/ Co-PI	PI : 1	Co-PI: 12

Number of Recommendations / Messages

1	For farmers community	:	7
2	For Scientific community	:	XX
3	For Policy makers/ extension personnel	:	6

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

1	Seminar	:	11
2	21 days training	:	3

3	Conference	:	4
4	Short term trainings and workshop	:	7
5	Symposium	:	3
Additional charges handling		:	In-charge food microbiology lab, PHT, ACH, NAU, Navsari
1.	Member	:	Member of Agricultural Research Council (AGRESCO) for Basic Science Subcommittee
2.	Member	:	Member of The Gujarat Association for Agricultural sciences (GAAS)
3.	Member	:	Indian Society of Analytical Scientists

Profile of Dr. Nilam V. Patel

Designation	:	ASSOCIATE PROFESSOR
Qualification	:	Ph.D. (HORTICULTURE)
Specialization	:	POST HARVEST TECHNOLOGY
Phone No. (Office)	:	02637 282144
Mob. No.	:	+91 76000 96697
e-mail	:	nilampatelphct@nau.in
Professional Experience	:	9.5 years
PG students guided	:	M.Sc. <u>13</u> and Ph. D.:NIL



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 Recognition	Year	Awarding institute/ Agency
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 : <u>2</u>	Co-PI: <u>5</u>
Research project completed in which worked as PI/ Co-PI	PI : <u>4</u>	Co-PI: <u>4</u>

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
		:	
Additional 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	:	14 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	:	7 years	
Additional charge	:	XX	