



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.	14/02/2007	18	Processing & Food Engineering
Dr. Ashok Kumar Senapati	Associate Professor	Ph. D.	30/03/2009	16	Processing and Food Engineering
Dr. Jilen M. Mayani	Associate Professor	Ph. D.	29/06/2010	15	Post Harvest Technology
Dr. Fakir Mohan Sahu	Assistant Professor	Ph. D.	25/02/2013	12	Processing & Food Engineering
Dr. Harish G. Suthar	Assistant Professor	Ph. D.	27/01/2014	11	Microbiology
Dr. Nilam V. Patel	Assistant Professor	Ph. D.	27/08/2015	9	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	14	Plant operation
Ms. Unnatikumari D. Patel	Agriculture Assistant	Diploma (Horticulture)	03/07/2018	6.5	Horticulture

## Profile of Dr. Dev Raj

<b>Designation</b>	:	Professor and Head	
<b>Qualification</b>	:	Ph.D.(Horticulture) in Post Harvest Technology	
<b>Specialization</b>	:	Post Harvest Technology	
<b>Phone No. (Office)</b>	:	+91 2637 282771-75, Ext.1320 - 202	
<b>Mob. No.</b>	:	+91 9913753252	
<b>e-mail</b>	:	<a href="mailto:drdpandir@yahoo.co.in">drdpandir@yahoo.co.in</a> <a href="mailto:drpandir_phtc@nau.in">drpandir_phtc@nau.in</a>	
<b>Professional Experience</b>	:	19 years	
<b>PG students guided</b>	:	M.Sc.: 10 and Ph.D.:8	

### Publications

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

<b>Research project completed in which worked as PI/ Co-PI</b>		PI : 17	Co-PI: 11
<b>Number of Recommendations / Messages</b>			
1	For farmers community	:	28
2	For Scientific community	:	-
3	For Policy makers/ extension personnel	:	-
<b>Number of Seminar/Conference/Workshop/Training/Convention attended</b>			
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
<b>Additional charges handled (2019-2024)</b>		:	Rector, ASPEE Hostels, ASPEE College of Horticulture, Navsari Agricultural University, Navsari
<b>Five Best research Publications</b>			
<ol style="list-style-type: none"> <li>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)</li> <li>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)</li> <li>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)</li> <li>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)</li> <li>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.</li> </ol>			

## Profile of Dr. Parag Sudhirkumar Pandit

<b>Designation</b>	: Associate Professor
<b>Qualification</b>	: Ph. D.
<b>Specialization</b>	: Processing and Food Engineering
<b>Phone No. (Office)</b>	: +91 2637 282771, Ext. 201
<b>Mob. No.</b>	: 7600049187
<b>e-mail</b>	: postharvesttechnology@nau.in
<b>Professional Experience</b>	: 18 Years
<b>PG students guided</b>	: M.Sc.: 5; and M.Tech:05; ABM:02



### Publications

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

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

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


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

### Additional charges handling

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

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

## Profile of Dr.A.K. Senapati

<b>Designation</b>	:	Associate Professor (Process Engineering)	
<b>Qualification</b>	:	Ph.D.	
<b>Joining date</b>	:	30/03/2009	
<b>Specialization</b>	:	Processing and Food Engineering	
<b>Phone No. (Office)</b>	:	02637-282144/45 Ext.210	
<b>Mob. No.</b>	:	Mob:09638911247	
<b>e-mail</b>	:	askphtc@nau.in / ashoksenapati.iitkgp@gmail.com	
<b>Professional Experience</b>	:	17years	
<b>PG students guided</b>	:	M.Sc. 09M.Tech. 02and Ph. D.: __Nil__ Co Guide/Committee member:46(M.Sc. 09M.Tech. 02and Ph. D, MBA)	

### Publications


<b>1</b>	<b>Research articles</b>	:	34	<b>5</b>	<b>Booklet</b>	:	00
<b>2</b>	<b>Popular articles</b>	:	14	<b>6</b>	<b>Folders/Pamphlets/Extension Bulletins</b>	:	03
<b>3</b>	<b>Book chapter</b>	:	15	<b>7</b>	<b>Teaching manual</b>	:	02
<b>4</b>	<b>Book</b>	:	03	<b>8</b>	<b>Abstract</b>	:	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
4	Best Oral presentation	2023	Shimla
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
<b>Research project on hand in which working as PI / Co-PI</b>		PI : <u>03</u>	Co-PI: <u>07</u>
<b>Research project completed in which worked as PI/ Co-PI</b>		PI : <u>04</u>	Co-PI: <u>17</u>
<b>Project: Associate Scientist mango &amp; Guava-II For domestic and export market (2009-2013)</b>			
<b>Number of Recommendations / Messages/Patent</b>			
1	For farmers community	:	04+17
2	For Scientific community	:	00
3	For Policy makers/ extension personnel	:	00
4	No. of Patent Design Granted	:	04
<b>Number of Seminar/Conference/Workshop/Training/Convention attended</b>			
1	Seminar	:	49
2	21 days training	:	04
3	Conference	:	05
4	10 Days Training	:	02
5	Workshop	:	05
<b>Additional charges handling</b>		:	Athletics Advisor, Students Representative Council Member, PG Competitive cell Co chair

## Profile of Lt. (Dr.) JILEN M. MAYANI

Designation	:	Associate Professor	
Qualification	:	Ph. D.	
Specialization	:	Post Harvest Technology	
Phone No. (Office)	:	+91 2637 282771, Ext. 212	
Mob. No.	:	+91 9898110173	
e-mail	:	jmpphtc@nau.in	
Professional Experience	:	15 years	
PG students guided	:	M.Sc. 3 and Ph. D.: Nil	

### Publications

1	Research articles	:	30	5	Booklet	:	06
2	Popular articles	:	21	6	Folders/Pamphlets/Extension Bulletins	:	11
3	Book chapter	:	08	7	Teaching manual	:	09
4	Book	:	08	8	Abstract	:	53

### Awards, Medals and Recognition

SN	Name of Awards, Medals and Recognition	Year	Awarding institute/ Agency
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 : <u>02</u>	Co-PI: <u>06</u>
Research project completed in which worked as PI/ Co-PI	PI : <u>02</u>	Co-PI: <u>26</u>

### Number of Recommendations / Messages

1	For farmers community	:	26
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	:	04
4	Work Shop	:	05
5	Short Training	:	04

<b>Additional charges handling</b>	:	Associate NCC Officer
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## Profile of Dr. Fakir Mohan Sahu

<b>Designation</b>	:	Assistant Professor	
<b>Qualification</b>	:	Ph.D.	
<b>Specialization</b>	:	Processing and Food Engineering	
<b>Phone No. (Office)</b>	:	+91 2637 282771, Ext. 208	
<b>Mob. No.</b>	:	+91 9879123286	
<b>e-mail</b>	:	<a href="mailto:fmsphc@nau.in">fmsphc@nau.in</a> <a href="mailto:fakirmohansahu@gmail.com">fakirmohansahu@gmail.com</a>	
<b>Professional Experience</b>	:	11 years	
<b>PG students guided</b>	:	M.Tech.: 2 and Ph. D.: NIL	

### Publications

<b>1</b>	<b>Research articles</b>	:	18	<b>5</b>	<b>Booklet</b>	:	00
<b>2</b>	<b>Popular articles</b>	:	02	<b>6</b>	<b>Folders/Pamphlets/Extension Bulletins</b>	:	0
<b>3</b>	<b>Book chapter</b>	:	14	<b>7</b>	<b>Teaching manual</b>	:	02
<b>4</b>	<b>Book</b>	:	04	<b>8</b>	<b>Abstract</b>	:	42

### 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 <sup>th</sup> Annual Convention of ISAE and International Symposium held at UAS Raichur, Karnataka
3	Third Best Oral presentation	2023	35 <sup>th</sup> 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


<b>Research project on hand in which working as PI / Co-PI</b>	PI : <u>04</u>	Co-PI: <u>04</u>
<b>Research project completed in which worked as PI/ Co-PI</b>	PI : <u>01</u>	Co-PI: <u>08</u>

### Number of Recommendations / Messages/Patent

<b>1</b>	For farmers community	:	09
<b>2</b>	For Scientific community	:	00

<b>3</b>	For Policy makers/ extension personnel	:	00
<b>4</b>	No. of Patent /Design	:	01 awarded
<b>Number of Seminar/Conference/Workshop/Training/Convention attended</b>			
<b>1</b>	Seminar	:	06
<b>2</b>	21 days training	:	03
<b>3</b>	Conference	:	04
<b>4</b>	10 Days Training	:	01
<b>5</b>	Workshop	:	11
<b>6.</b>	Webinars	:	23
<b>Additional charges handling</b>			
<b>1.</b>	In-charge	:	Cold storage, Ripening chambers, Packaging lab, Conference hall etc. of PHT, ACH, NAU, Navsari
<b>2.</b>	Member	:	Competitive Examination Cell- U.G., ACH

## Profile of Dr. Harish Suthar

<b>Designation</b>	: Assistant Professor (Food Microbiology)	
<b>Qualification</b>	: Ph. D. (Microbiology)	
<b>Specialization</b>	: Microbiology	
<b>Phone No. (Office)</b>	: +91 2637 282771, Ext. 207	
<b>Mob. No.</b>	: 9924043413	
<b>e-mail</b>	: harish.s@nau.in	
<b>Professional Experience</b>	: 11 years	
<b>PG students guided</b>	: M.Sc.: 7 and Ph. D.: NIL	

### Publications

<b>1</b>	<b>Research articles</b>	: 24	<b>5</b>	<b>Booklet</b>	: XX
<b>2</b>	<b>Popular articles</b>	: XX	<b>6</b>	<b>Folders/Pamphlets/Extension Bulletins</b>	: XX
<b>3</b>	<b>Book chapter</b>	: 5	<b>7</b>	<b>Teaching manual</b>	: 1
<b>4</b>	<b>Book</b>	: XX	<b>8</b>	<b>Abstract</b>	: 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

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

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

<b>1</b>	Seminar	: 11
<b>2</b>	21 days training	: 3

3	Conference	:	4
4	Short term trainings and workshop	:	7
5	Symposium	:	3
<b>Additional charges handling</b>		:	In-charge food microbiology lab, PHT, ACH, NAU, Navsari
1.	Member	:	Member of Agricultural Research Council (AGRESKO) 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

<b>Designation</b>	:	ASSISTANT PROFESSOR
<b>Qualification</b>	:	Ph.D. (HORTICULTURE)
<b>Specialization</b>	:	POST HARVEST TECHNOLOGY
<b>Phone No. (Office)</b>	:	02637 282144
<b>Mob. No.</b>	:	+91 76000 96697
<b>e-mail</b>	:	nilampatelphtc@nau.in
<b>Professional Experience</b>	:	9 years
<b>PG students guided</b>	:	M.Sc. <u>10</u> and Ph. D.:NIL



### Publications

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

<b>Research project on hand in which working as PI / Co-PI</b>	PI : <u>2</u>	Co-PI: <u>5</u>
<b>Research project completed in which worked as PI/ Co-PI</b>	PI : <u>4</u>	Co-PI: <u>4</u>

### Number of Recommendations / Messages

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

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

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

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

## Supporting Technical Staff

### Profile of Mr Balvantkumar D. Ahir

<b>Designation</b>	:	Plant Operator
<b>Qualification</b>	:	ITI (Welder)
<b>Mob. No.</b>	:	+91 9723902208
<b>e-mail</b>	:	<a href="mailto:bdahir@nau.in">bdahir@nau.in</a>
<b>Professional Experience</b>	:	13 years
<b>Additional charge</b>	:	XX



### Profile of Ms. Patel Unnatikumari Dilipbhai

<b>Designation</b>	:	Agriculture Assistant
<b>Qualification</b>	:	Diploma (Horticulture)
<b>Mob. No.</b>	:	7698643154
<b>e-mail</b>	:	<a href="mailto:agastphtc@nau.in">agastphtc@nau.in</a>
<b>Professional Experience</b>	:	5.5 years
<b>Additional charge</b>	:	XX

