



# **BIRD'S EYE VIEW OF VICE CHANCELLOR'S TRANSFORMATIVE INITIATIVES**

**(October 2020-2025)**

**કુલપતિની પરિવર્તનકારી પહેલનું  
વિહંગાવલોકન  
(ઓક્ટોબર ૨૦૨૦-૨૦૨૫)**

**DR. ZINABHAI P. PATEL**

**VICE CHANCELLOR  
NAVSARI AGRICULTURAL UNIVERSITY  
NAVSARI 396 450  
GUJARAT (INDIA)**



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**Vice Chancellor**

**Navsari Agricultural University**

**Navsari 396 450**

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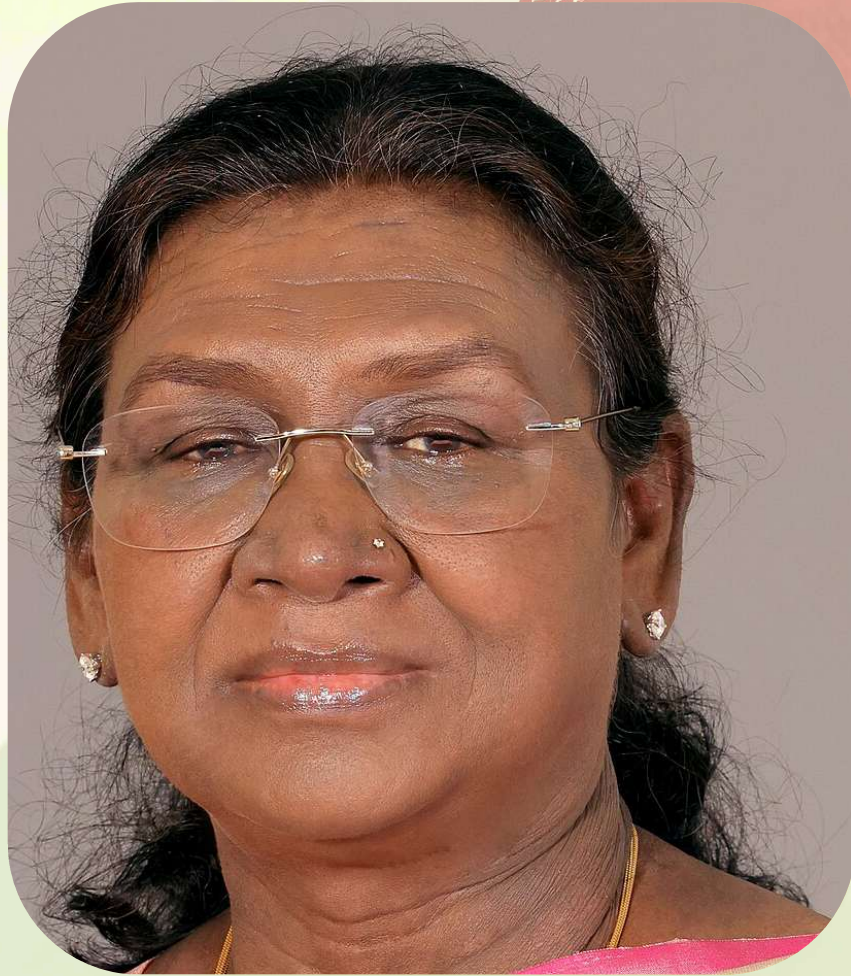


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**NAU NAVSAGAR**





**महामहिम राष्ट्रपति श्रीमती द्रौपदी मुर्मूजी को समर्पित**



**Dr. Z. P. Patel, Vice Chancellor, Navsari Agricultural University, Navsari 396 450, Gujarat**





यशस्वी प्रधानमंत्री माननीय श्री नरेंद्र मोदीजी के विकसित भारत@2047  
के सपने को साकार करने के की राह पर.....



**Dr. Z. P. Patel, Vice Chancellor, Navsari Agricultural University, Navsari 396 450, Gujarat**



# આભાર...



**Shri Acharya Devvratji**  
Hon Governor of Gujarat



**Shri C.R. Paatil**  
Hon MP, Navsari and Hon Cabinet Minister  
Jal Shakti, GoI



**Shri Bhupendrabhai Patel**  
Hon Chief Minister of Gujarat



**Shri Raghavjibhai Patel**  
Hon Cabinet Minister, Agriculture, GoG

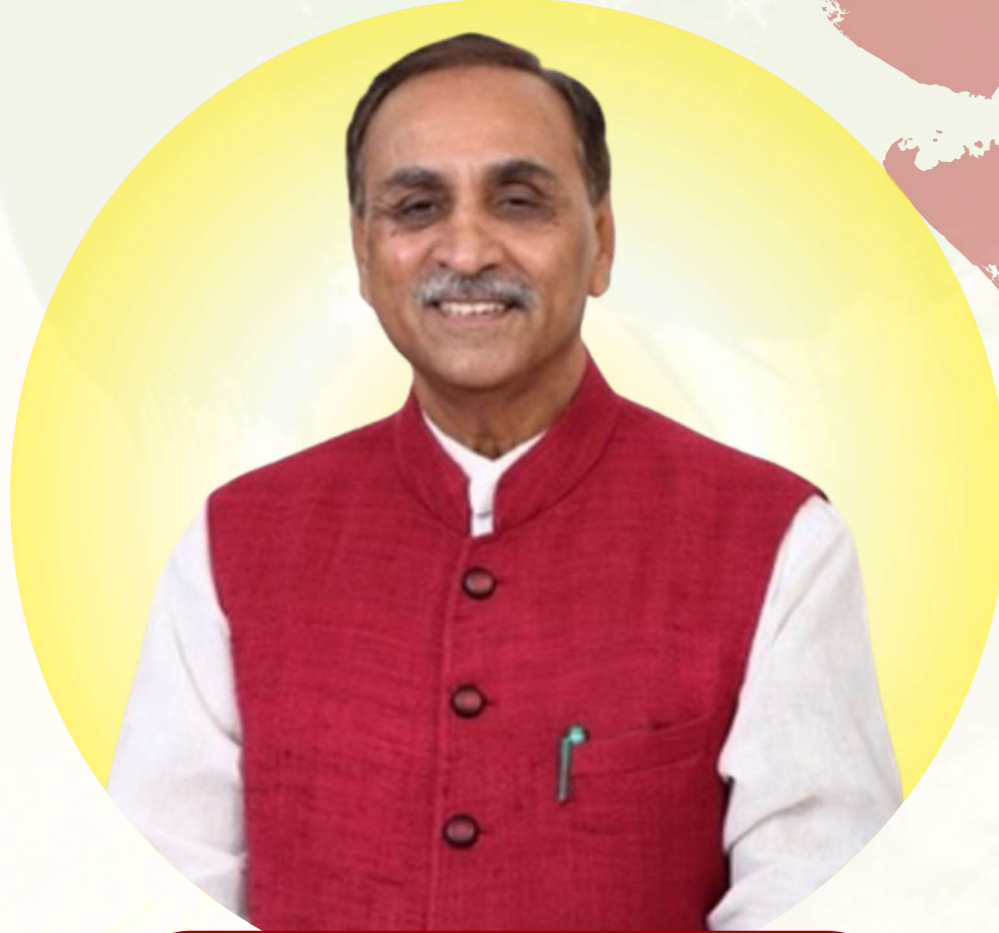


**Dr. Z. P. Patel, Vice Chancellor, Navsari Agricultural University, Navsari 396 450, Gujarat**





ભાવભીની શ્રધ્ધાંજલિ



**Late Shri Vijaybhai Rupaniji**  
Ex Hon Chief Minister of Gujarat





**Dr. Z. P. Patel, Vice Chancellor, Navsari Agricultural University, Navsari 396 450, Gujarat**





## Acknowledgment

Last five years as Vice Chancellor of this noble Navsari Agricultural University, Navsari, have been more about realizing a dream with passion than simply a job. Being the son of a poor but devoted freedom fighter's family, honesty, zeal, passion, and dedication have always been in my blood. I have dedicated my entire life to the service of students, farmers, villages, and our great motherland, India, through agricultural development.

While working as Principal & Dean of the College of Agriculture, Waghai, I realized that some dreams can only come true when one is given an open sky to fly in, with the right pace, direction, and timely encouragement. Pace is an innate strength that emerges when one feels guided, motivated, and protected. Direction comes through experience and vision. Nothing is impossible when committed efforts are made in the proper direction with vision and right pace. I have tried to blend my own vision by virtue of experience with the energy of the NAU family members and created an open sky for them to soar. Fortunately, the world has witnessed the rapid growth of this university, placing it in a distinct and respected league.

I wish to record my heartfelt gratitude to all officers of the central and state governments, members of various boards and councils, faculty members, employees, students, farmers, stakeholders, sponsors of awards and grants, and the daily wage workers of this university, all of whom have contributed to its progress. As I began my own career here as a daily wage labourer, my life stands as a message to every employee including those at the grassroots that success demands only honest hard work.

I am lucky to have team of committed university officers and dedicated staff members who have never let me down. They were on toes to transform the dream into reality. I am thankful to Director of Research & Dean PGS, **Dr. Sunil R. Chaudhary** (October 13, 2020 to December 31, 2021) **Dr. Timur R. Ahlawat** (January 01, 2022 to till date); Director Extension Education, **Dr. K.A. Patel** (October 13, 2020 to November 03, 2020) **Dr. C.K. Timbadia** (November 03, 2020 to June 28, 2022), **Dr. N.M. Chauhan** (June 29, 2022 to June 14, 2024) and **Dr. Hemant Sharma** (June 15, 2024 to till date); Registrar **Dr. H.R. Pandya** (October 13, 2020 to November 30, 2020), **Dr. H.V. Pandya** (December 01, 2020 to August 31, 2024) and **Dr. H.M. Viridia** (September 01, 2024 to till date); Comptroller **Shri. D.T. Chaudhary** (October 13, 2020 to

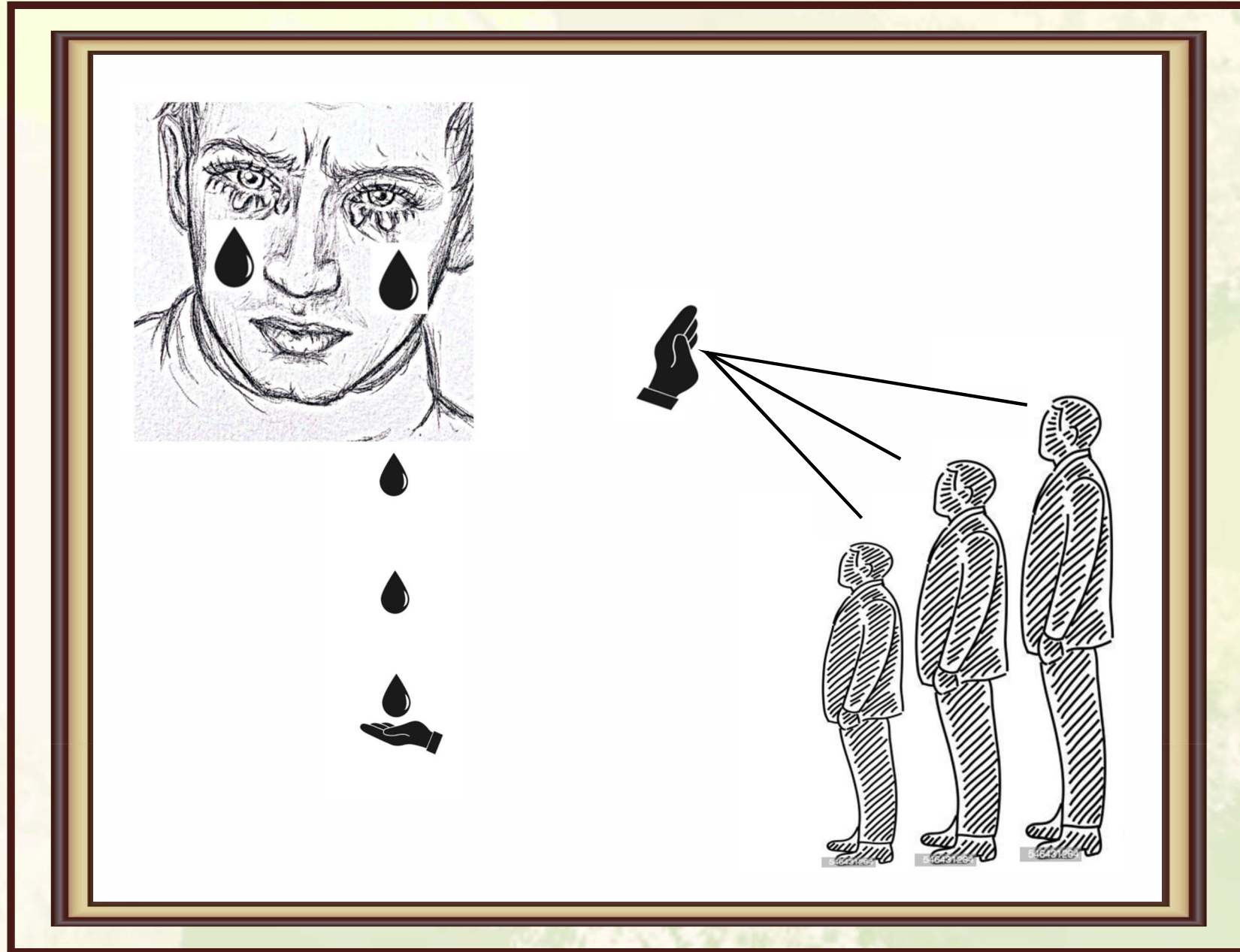


August 31, 2021) and **Shri. Chirag B. Naik** (September 01, 2021 to till date); Executive Engineer **Er. H.T. Bhalsod** (October 13, 2020 to October 31, 2022), **Er. P.R. Pandey** (November 01, 2022 to June 30, 2024) and **Er. (Dr.) Vipul T. Shinde** (July 01, 2024 to till date); Director of Student Welfare **Dr. C.V. Savalia** (October 13, 2020 to November 30, 2020), **Dr. R.M. Naik** (December 01, 2020 to June 14, 2024), **Prof. Jaimin R. Naik** (June 15, 2024 to till date); Principal & Dean, N.M. College of Agriculture **Dr. M.K. Arvadia** (October 13, 2020 to March 31, 2021), **Dr. R.D. Pandya** (April 01, 2021 to May 31, 2022). **Dr. R.M. Naik** (June 01, 2022 to June 30, 2025) and **Dr. Pathik B. Patel** (July 01, 2025 to till date), Principal & Dean, ASPEE College of Horticulture **Dr. P.K. Srivastava** (October 13, 2020 to April 30, 2022) **Dr. Alka Singh** (May 01, 2022 to June 14, 2024 & July 01, 2025 to till date), **Dr. R.M. Naik** (June 15, 2024 to June 30, 2025); Principal & Dean College of Forestry **Dr. P.K. Srivastava** (June 01, 2022 to February 29, 2024) and **Dr. Minal B. Tandel** (March 01, 2025 to till date) Dean, Aspee Agribusiness Management Institute **Dr. Ruchira A. Shukla** (October 13, 2020 to June 14, 2024), **Dr. O.P. Sharma** (July 15, 2024 to till date); Principal & Dean, College of Agricultural Engineering and Technology, **Er. P.R. Pandey** (October 13, 2020 to October 31, 2022) **Dr. S.H. Sengar** (November 01, 2020 to February 29, 2024) and **Dr. P.K. Srivastava** ( March 01, 2024 to till date); Principal College of Agriculture, Waghai **Dr. J.J. Pastagia** (June 01, 2019 to February 29, 2024) and **Dr. Ajay Patel** (March 01, 2024 to till date), Principal College of Agriculture, Bharuch **Dr. K.G. Patel** (October 13, 2020 to July 31, 2021) and **Dr. Divesh D. Patel** (August 01, 2021 to till date); Dean, ASPEE Shakilam Biotechnology Institute **Dr. R.M. Patel** (October 13, 2020 to February 28, 2022) and **Dr. Sanjay Jha** (March 01, 2022 to till date); Librarian **Dr. K.G. Patel**, (October 13, 2020 to May 31, 2022) **Dr. H.M. Viridia** (June 01, 2022 to August 31, 2024). **Dr. C.J. Intwala** (September 01, 2024 to July 31, 2025), **Dr. Kailash Tandel** (August 01, 2025 to till date), all the Principal of Polytechnic Colleges, Associate Director of Research **Dr. Vikas R. Naik** and **Dr. Lalit Mahatma**, Planning Officer **Dr. V.M. Thumar** (October 13, 2020 to July 31, 2021) **Dr. Amit Lathiya** (August 01, 2021 to till date) and all other officers for their support.

I am thankful to my office staff **Mr. Avneep Nair** (PS to VC), **Mr Jigar Vyas** (Senior Clark), **Mr. Bhagubhai Patel** (Junior Clark) for their support and care.

I appreciate and thanks **Dr. Timur R. Ahlawat** and **Dr. Lalit Mahatma** for supporting me in preparing this document.

  
(Z. P. Patel)







NAVSARI AGRICULTURAL UNIVERSITY

**Dr. Z.P. PATEL**  
Vice Chancellor

# NAVSARI AGRICULTURAL UNIVERSITY

Eru Char Rasta, Dandi Road, Navsari - 396 450 Gujrat (India)



## Preface

It has been 45 years long association of mine with the NAU, Navsari. During this period I have seen a radical transformation in its activities and infrastructures. It has maintained the pace of its own progress according to the time and need of the society. However, to excel in our performance, we need quantum jump. To transform the dream of **Viksit Bharat - 2047** into reality, we need to reform our various sectors which have potential to contribute to the country's progress. Our farms need to be transformed as factory. For the same, SAUs need to transform themselves by analysing their SWOT. Due to my long association with the University and work experience of all the positions; it was easy for me to do thorough analysis and strategic planning of different activities for its maneuver. I have always tried to bring changes (**popularly known as “परिवर्तन” i.e. PARIVARTAN**) for transformation and with **“जरा हटके i.e. OUT OF BOX APPROACH”**. I strongly believe that it is not enough that one should be on right track, rather one has to run on it, to avoid run over.

How much, efforts we have made in this transformation through path breaking decision and how much we have run ahead in five years from October 13, 2020 is presented in this monument. Momentous points have been narrated; avoiding activities by virtue of the post; in this Classical document as **“Bird's eye view of vice chancellor's transformative initiatives”** This would be the reference for the other Institutes, guidelines for this University and matter of happiness for me. I believe, satisfaction is the end of progress. One should be happy but not satisfied. Therefore, we should not stop after reaching to a planned destination; rather need to work hard continuously to maintain the position. In the race for the development of nation as well as services to the society and ecosystem, we don't have competition with others. We have energy and enthusiasm to pay back to it as per the strength provided to us. It was just an attempt to provide the best and will be eager to work continuously for the motherland till my last breath.

(Z. P. Patel)



## Introduction

The iconic educational and farmers welfare institute of the South Gujarat, Navsari Agricultural University (NAU) with Navsari as head quarter came into existence with the promulgation of Gujarat Agricultural University Act 2004 on May 1, 2004. NAU's jurisdiction covers seven districts of South Gujarat viz., Surat, Navsari, Bharuch, Valsad, Narmada, Tapi and Dangs. At present, there are eight Colleges imparting five bachelor's, twenty seven Master's and twenty three doctoral degree programmes. There are faculty of Agriculture, Horticulture, Forestry, Agricultural Engineering and Agricultural Biotechnology Science. Apart from these Masters and Doctoral degrees are awarded in Agribusiness Management. Further, there are 26 research centres at 16 locations to carry out need based research on mandate crops viz., paddy, sugarcane, cotton, sorghum, small millets, mango, banana, sapota and vegetables. The NAU, extensively reach to the farmers and cover sprawling south Gujarat through its 5 "Krishi Vigyan Kendra" located at Navsari, Surat, Waghai, Vyara and Dediapada, one each Sardar Smruti Kendra, T & V, ATIC and Agri Educatorium at Navsari to undertake dissemination of newer technologies to end users. All the eight constitutes colleges of NAU are Accredited by "National Agricultural Education Accreditation Board" of ICAR, New Delhi up to March 31, 2026. College of Forestry was also accredited by ICFRI, Dehradun with "A" grade for five years up to 2028. As a rich dividend of the transformation of the university in the last 5 years due to our hard work, we could get good rank in NIRF, GIRF, IIRF and Education World. NAU, Navsari is cosmopolitan campus and have **74.43 per cent students from all the districts of Gujarat and 25.56 per cent students across of the country**. Among the staff too, we have 62.99 per cent faculty from the Gujarat and 74.48 per cent faculty from other state.

Our strength is Soil & Water Management Research Unit, Food Quality Testing Laboratory, Post Harvest Technology unit, Eco-Friendly Pest and Disease Management, Organic Farming Cell, Bio-control and Biofertilizer Unit, Novel Liquid fertilizer, Bamboo Resources Unit, Central Tissue Culture Laboratory, Nanotechnology, etc. NAU, Navsari is striding fast to transform itself into "Knowledge Power Centre". Commendable, consensus and intellectual decision along with continuous motivation augment the pace of transformation. It further infuses the culture of team work to take university to new horizon. Together we have created a rainbow of development by identifying different areas to work in the University.

Our decision making is solely based on the critical analysis that where we are and where we want to see ourselves in short as well as long term. We analyze SWOT of the individual area or aspect and work on the weakness to reduce threat of the future. We are prepared to redeem the opportunities, wherever, possible we created it by using our strength. The area wise existing status, our future goal as well as action steps taken are presented as ***Bird's eye view of vice chancellor's transformative initiatives*** in the different chapters.





## Vision & Mission

### **Vision of Navsari Agricultural University:**

To be a leading institution in agricultural education, research, and extension, committed to eco-friendly, sustainable and climate resilient farming systems, with a special focus on women, youth, tribal and rural empowerment.

The university envisions creating innovative, eco-friendly solutions to enhance productivity, ensure food and nutritional security, and foster inclusive growth for farmers and society at large.

### **Mission of Navsari Agricultural University:**

1. To develop and disseminate eco-friendly, cost effective technologies for sustainable crop production and natural resource management.
2. Augmentation of use of biochar for eco-friendly soil health improvement and carbon sequestration.
3. Holistic development of agro-ecotourism for the livelihood enhancement and environmental conservation in the villages.
4. Enhancing availability of quality planting materials through establishment of agro-nurseries and nursery village.
5. To foster partnerships with stakeholders for the holistic development of agriculture for ensuring food and nutritional security.
6. To strengthen and modernize all the research centers to facilitate quality research on their mandate crop and activities.
7. Develop center of excellence in different potential area for the advanced and quality work in the University.
8. To develop world class infrastructure to foster quality research, teaching and extension services.
9. To impart high quality, inclusive education in agriculture and allied sciences to build skilled and responsible human resources.
10. To conduct innovative, need based and participatory research addressing regional challenges, particularly in tribal and climate sensitive areas.
11. Diversification of agricultural research by initiating work in varied field and introducing diverse crops.
12. To strengthen extension services that directly benefit farmers, especially those in underserved and tribal communities.





## NAU, Navsari Jurisdiction and Genesis



### Talukas of Navsari District



## Logo of Different Colleges



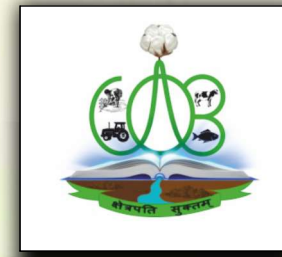
**N. M.  
College of Agriculture,  
Navsari**



**ASPEE  
College of Horticulture,  
Navsari**



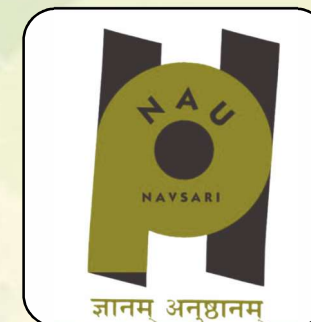
**College of  
Agriculture, Waghai**



**College of  
Agriculture, Bharuch**



**Polytechnic in Engineering**



**Polytechnic in Horticulture**



**College of Forestry,  
Navsari**



**College of Agricultural  
Engineering and Technology,  
Dediapada**



**ASPEE Agribusiness  
Management Institute,  
Navsari**



**ASPEE Shakilam  
Biotechnology Institute,  
Surat**

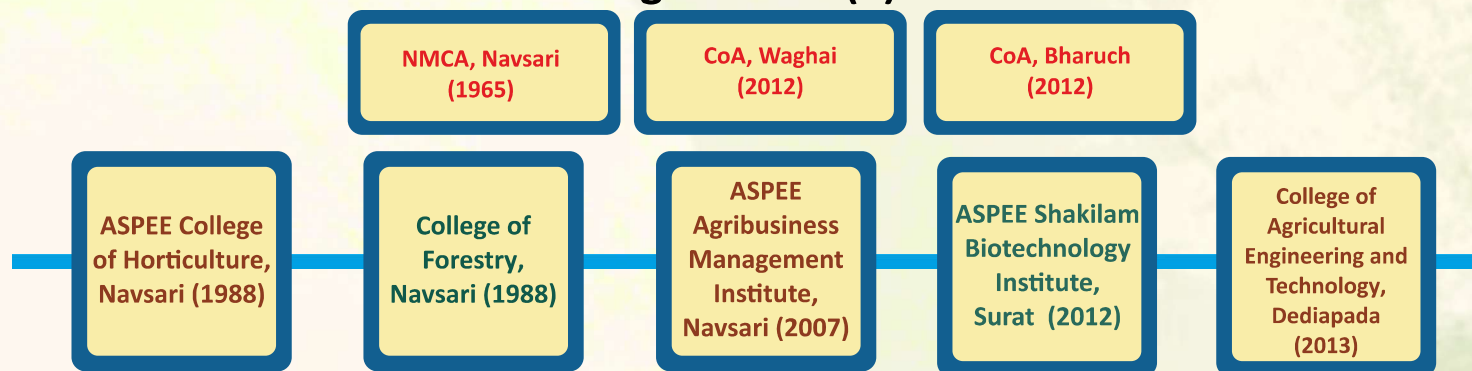


**Polytechnic in Agriculture**

# Education and Extension Strength of the University

## Education : 08 Colleges

### Agriculture (3)



## Different Programs being Offered

UG (05)	PG (27)	Ph.D. (23)	Diploma (03)	Other Programs
(1) B.Sc. (Hons) Agriculture	(1) Agriculture (13)	(1) Agriculture (13)	(1) Agriculture (03)	Certificate Courses (09)
(2) B.Sc. (Hons) Horticulture	(2) Horticulture (05)	(2) Horticulture (05)	(2) Horticulture (02)	Vocational Courses (16)
(3) B.Sc. (Hons) Forestry	(3) Forestry (04)	(3) Forestry (04)	(3) Agril. Engineering (01)	Outreach Programs (09)
(4) B.Tech (Agril. Engineering)	(4) Agril. Engineering (04)	(4) Agril. Engineering (00)		
(5) B.Tech (Biotechnology)	(5) ABM (01)	(5) ABM (01)		

## Extension Centers and Activities









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# Awards and Recognitions

(October - 2020 to October - 2025)





1

## NIRF-2024 and GSIRF-2024



### GIRF Rating

1.Five Star Rating	2024-25
2.Four Star Rating	2023-24
3.Four Star Rating	2022-23



2

IIRF-2025



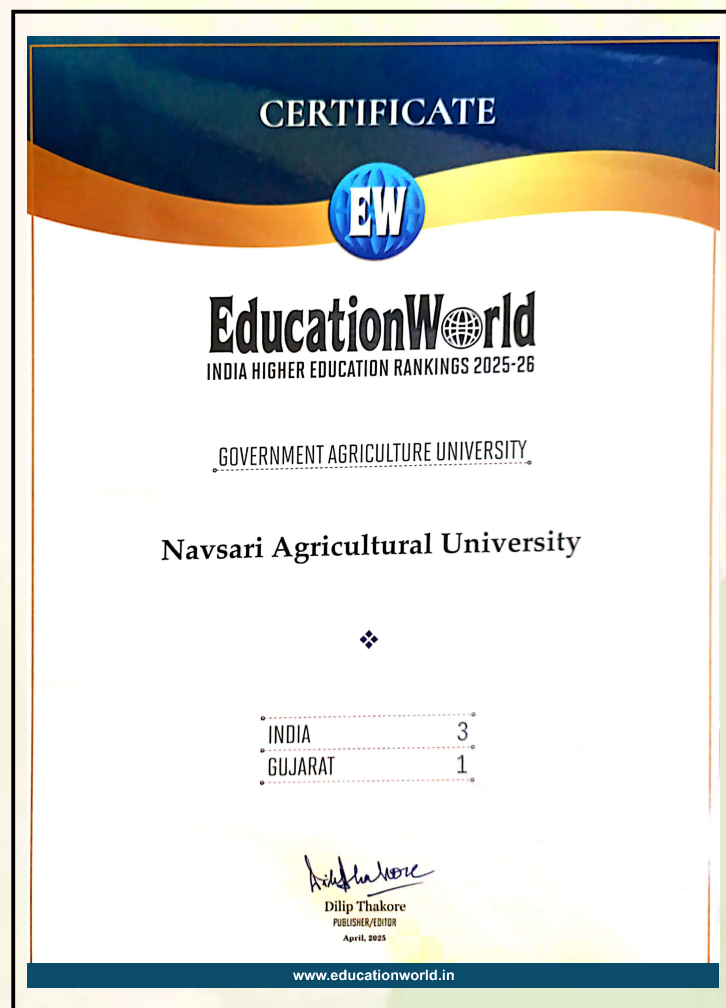
20<sup>th</sup> National Rank in IIRF 2025 in  
Agriculture & Horticulture Category



24<sup>th</sup> National Rank in IIRF 2025 in  
State University Urban Region

3

## Education World IHER-2025-26



**3<sup>rd</sup> National Rank in Government  
Agriculture University Category**

### Gov. agriculture universities league table

Rank					Competence of faculty (150)	Faculty welfare & development (100)	Research and innovation (300)	Curriculum & pedagogy (100)	Industry interface (100)	Placement (100)	Infrastructure (150)	Internationalism (100)	Leadership / governance quality (100)	Range/diversity of programmes offered (100)	TOTAL SCORE (1300)
2021	2022	2023	2024												
34	2	1	1	ICAR — Indian Agricultural Research Institute, Delhi	144	81	245	75	72	73	136	66	82	64	1038
26	1	2	2	Punjab Agricultural University, Ludhiana	136	75	223	77	73	74	139	76	77	60	1010
NR	4	4	3	Navsari Agricultural University	139	79	170	75	71	72	134	70	78	75	963
19	1	3	4	ICAR — National Dairy Research Institute, Karnal	133	78	171	79	74	81	136	72	77	61	962
48	3	4	5	Govind Ballabh Pant University of Agriculture & Technology, Pantnagar (Uttarakhand)	135	76	168	74	71	71	135	71	80	69	950
NR	7	7	6	Junagadh Agricultural University (JAU)	134	75	163	69	71	70	131	72	78	70	933
57	3	5	6	Chaudhary Charan Singh Haryana Agricultural University, Hisar	141	78	156	73	69	71	129	74	72	70	933
37	5	6	7	ICAR — Indian Veterinary Research Institute, Izatnagar, Bareilly	136	71	177	68	68	67	130	65	81	64	927
89	9	8	8	University of Agricultural Sciences, Bengaluru	133	69	145	73	70	77	145	69	73	69	923
53	6	7	9	Tamil Nadu Agricultural University, Coimbatore	132	75	162	69	67	73	130	69	77	56	910
78	8	8	10	Anand Agricultural University (Gujarat)	123	65	131	69	69	68	128	66	76	61	856
NR	10	9	10	Sardarkrushinagar Dantiwada Agricultural University, Banaskantha (Guj)	130	70	123	71	70	65	121	67	73	66	856
89	11	10	11	Central Agricultural University, Imphal	135	67	119	69	64	66	121	66	67	65	839
101	12	11	12	Assam Agricultural University, Jorhat	125	65	131	64	65	62	124	57	63	63	819

MAY 2024 • EDUCATIONWORLD • 101

## Education word ranking

1	Indian Higher Education Ranking (NAU, Navsari)	Third position	2024-25
2	ASPEE College of Horticulture	Third position	2023-24
3	Indian Higher Education Ranking (NAU, Navsari)	Fourth position	2022-23
4	Indian Higher Education Ranking (NAU, Navsari)	Fourth position	2023-24
5	Quality of campus life (ASPEE College of Horticulture)	Fifth position	2022-23



4

## Awards and Honours Conferred upon Dr. Z.P. Patel



**"Digital Transformation Award" for the development and use of AEMS-ZP software**



**Horticulture Leadership Award-2023" for outstanding contribution in horticulture sector**



**"Jal Prahari Samman" for outstanding contributions to water conservation**



**"Education Leadership Awards-2022" for strengthening agriculture education**





5

## Awards to various AICRPs and other Awards

## 2024-25

AICRP on Tuber crops	Excellent performance (Based on Five Years Report)
AICRP on Plantation Crops	BEST resource generating Centre
AICRP on Rice	Best overall AICRP Centre
AICRP on Rice	Best Crop Improvement Discipline
AICRP on Rice	Best Plant Pathology Discipline
AICRP on Fruits (Gandevi)	Second Best Centre
AICRP on Tuber crops	Third in Revenue generation
AICRP on Small millets (Waghai)	Second Best Centre
AICRP on Sorghum (Surat)	Second Best Centre
AICRP on Niger (Vanarasi)	Best AICRP Centre

## 2022-23

AICRP on Fruits (Gandevi)	Best Centre
AICRP on Small millets (Waghai)	Best Centre
AICRP on Plantation Crops	Best Centre
AICRP on Oil seeds (Vanarasi)	Excellent performance (Based on 5 Years Report)

## 2021-22

AICRP on Fruits (Gandevi)	Best Centre
AICRP on Fruits (Gandevi)	Excellent for Linkage Development and Transfer
AICRP on Tuber crops	First in Revenue generation
AICRP on Small millets (Waghai)	Best Centre
AICRP on Palms	Best AICRP Centre

## 2023-24

AICRP on Fruits (Gandevi)	Best Centre
AICRP on spices	Best Centre

## 2020-21

AICRP on Fruits (Gandevi)	Best AICRP Centre
AICRP on IFS	Best AICRP Centre
AICRP on Tuber crops	2 <sup>nd</sup> in Revenue Generation

## Other awards

Best NAHEP CAAST Centre	Second Position	2019-20 to 2023-24
Afghanistan Islamic Republic Consulate	Appreciation Certificate	2021
Jaivik India Award (Organic Farming Farm)	Second Position	2023
Skoch Award (Hill Millets Research Station, Waghai)	Silver	2023

6.1

## Patents of NAU, Navsari

During last five years NAU, Navsari has clinched 24 patents, one GI tag and one copyright. Earlier their was only one patent.

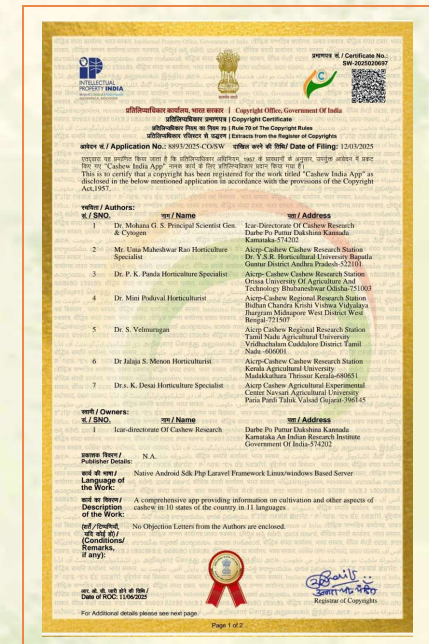






## 6.2

## Patents of NAU, Navsari





7

## GI Tag to "Amalsad Chikoo"

Facilitated for the award of Geographical Indication (GI) Tag to "Amalsad Chikoo" awarded on March 27, 2025.





# Transformation in Administrative Approaches

(October - 2020 to October - 2025)





## 8.1

## आप के मन की बात, कुलपति के साथ

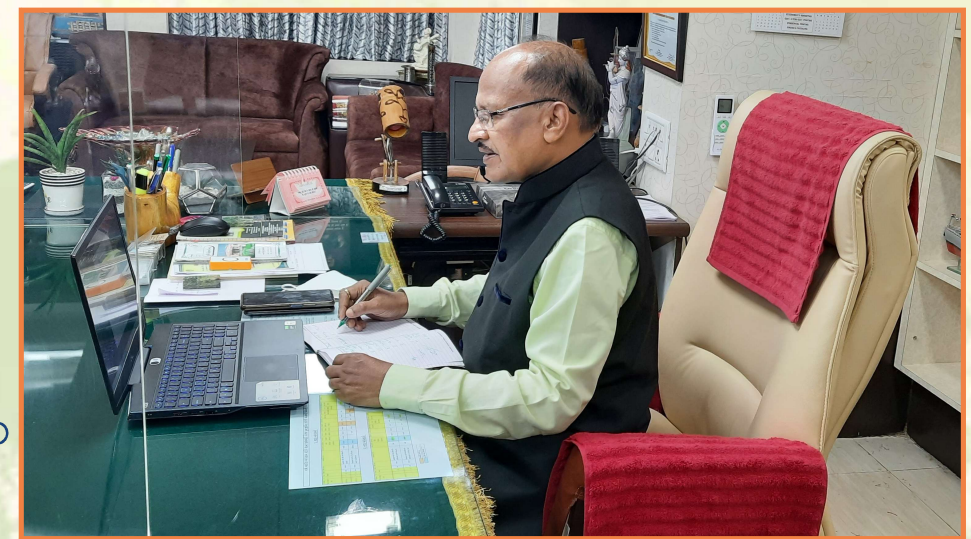
Pioneered two way communication program **“आप के मन की बात, कुलपति के साथ”** i.e. **AAP KE MAN KI BAAT, KULPATI KE SAATH**.

Around 150 important ideas and issues were brought in the notice and have been resolved and/or implemented.



	Date	Centre	Participants
आपके मन की बात-1	13/10/2021	Faculties from all 8 degree colleges	145
आपके मन की बात-2	13/12/2021	Faculties from all 6 polytechnics & Extension centers	90
आपके मन की बात-3	13/01/2022	Faculties from research stations (Main campus)	62
आपके मन की बात-4	14/02/2022	Faculties from research stations (Sub-campus)	54

More than 150 suggestions were received for the overall development of University





9

## Acquired Land of Taluka Seed Farm, Vedchha

Acquired Land (8-40-43 hectares) of Taluka Seed Farm, Vedchha on September 13, 2024; which was pending since 2018 in lieu of Land to Police Line. The farm was dedicated to University on July 10, 2025.

[illegible]





10

## Land Records Transfer in the name of NAU, Navsari

**All the assets and land (around 715.4 ha) of the Navsari Campus of Gujarat Agricultural University were transferred in the name of NAU, Navsari; which were pending since inception of University in 2004.**

**મામલતદાર અને એક્ઝિક્યુટિવ મેજિસ્ટ્રેટની કચેરી, તા. નવસારી શહેર જિ. નવસારી**

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**ગામ નમૂના નં. ૭ માં ક્ષતિ સુધારણા અંગેની મંજૂરી**

ફૂકમ નં. IORA/38/2407/2021  
તા. 24/08/2021

**વંચાણે લીધા :-**

(૧) અરજદારશ્રી નવસારી કૃષિ યુનિવર્સિટી  
રહે. નવસારી, નવસારી, નવસારી-૩૯૬૪૫૦ તા.૦૬/૦૮/૨૦૨૧ ની ઓનલાઇન અરજી (નં.42407210006683) તથા આધાર-પુરાવા.

(૨) મહેસૂલ વિભાગના તા.૧૦/૦૩/૨૦૧૬ ના પરિપત્ર ક્રમાંક: સીએમપી/૧૦૨૦૦૨/૨૪/૬.૨ તથા તા.૨૧/૦૯/૨૦૧૯ ના પરિપત્ર ક્રમાંક: સીએમપી/૧૦૨૦૧૯/૧૫૨/૬.૨

(૩) પૂર્વ ચકાસણી અધિકારીશ્રી તા.૧૮/૦૮/૨૦૨૧ નો અભિપ્રાય.

**ફૂકમ :-**

વંચાણે લીધેલ કમ (૧) ની અરજીથી અરજદારશ્રી નવસારી કૃષિ યુનિવર્સિટી એ મોજે વિજલપોર તા. નવસારી શહેર જિ. નવસારી ના સરવે/બ્લોક નં. 444, 445, 446, 447, 454, 455, 456, 458, 459, 460, 523 (ખાતા નં. 101) વાળી જમીનના રેકર્ડમાં નીચે મુજબની ક્ષતિ રહેલ હોય, ક્ષતિ સુધારણાનો ફૂકમ કરી આપવા અરજી કરેલ છે.

૨. સંચાલવાળી જમીન અંગેના ગામ નમૂના નં.૭ પ્રમાણે ક્ષતિની વિગત નીચે મુજબ છે.

☒ ખાતેદાર નામ માં સુધારો

ક્રમ	ખાતેદારનું નામ	સુધારો કરવાપાત્ર વિગત
1	ગુજરાત કૃષિ યુનિવર્સિટી નવસારી કેમ્પસ ક્ષામે	નવસારી કૃષિ યુનિવર્સિટી નવસારી

૩. વંચાણે લીધેલ સંદર્ભ-(૨) માં જણાવેલ પરિપત્રથી કેસ બેન્કી, સ્વીચ બેન્કી વખતે કે રજીસ્ટ્રાર બેન્કીની ભૂલ રહી હોય તેવા કિસ્સામાં મામલતદારશ્રીએ સુધારા ફૂકમ કરી ફૂકમી નોંધ દાખલ કરી મહેસૂલી દફતરમાં રહેલ ભૂલો સુધારવાની કાર્યપદ્ધતિ નક્કી કરવામાં આવેલ છે.

૪. વંચાણે લીધેલ સંદર્ભ-(૩) ની વિગતે પૂર્વ ચકાસણી અધિકારીશ્રીએ ક્ષતિ સુધારાનો ફૂકમ કરવા અભિપ્રાય આપેલ છે.

સમગ્ર ઉપરોક્ત દૃષ્ટિકોણમાં લેતાં નિમ્નલેખિત શરતોની વિગતમાં મહેસૂલી દફતરમાં રહેલ ક્ષતિનો સુધારાપાત્ર વિગતમાં દર્શાવેલ મહેસૂલી દફતરમાં યોગ્ય સુધારો કરવા અહીં ફૂકમ કરવામાં આવે છે.

ક્રમ	ખાતેદારનું નામ	સુધારાપાત્ર વિગત
1	ગુજરાત કૃષિ યુનિવર્સિટી નવસારી કેમ્પસ ક્ષામે	નવસારી કૃષિ યુનિવર્સિટી નવસારી

*(જ.પી.પટેલ)*  
મામલતદાર નવસારી શહેર જિ. નવસારી

આર.પી.એ.ડી.  
પ્રતિ,  
નવસારી કૃષિ યુનિવર્સિટી  
નવસારી  
નવસારી  
નવસારી  
નવસારી-૩૯૬૪૫૦

*Legal*  
*જા*

ફૂકમકરિયા વિભાગ, ન.ક.સુ. નવસારી  
ઇ.નં. ૪૮૯૭  
31 AUG 2021  
એડીઓગ-૩ શાખા

Courtesy: NIC, Gujarat Application No.42407210006683 Order No.IORA/38/2407/2021 Page 1 of 2

મામલતદાર અને એડિટકચુદિયો મેજિસ્ટ્રેટની કચેરી, તા. જલાલપોર જિ. નવસારી

ગામ નમૂના નં. ૭ માં ક્ષતિ સુધારણા અંગેની મંજૂરી

કુકમ નં. IORA/22/2402/2021

તા. 01/09/2021

વંચાણે લીધા નં.

(૧) અરજદારશ્રી નવસારી કૃષિ યુનિવર્સિટી

રહે. નવસારી, નવસારી, એર-396450 ની તા.06/08/2021 ની ઓલલકન અરજી (નં.42402210006688) તથા

આધાર-પુરાવા.

(૨) મહેસૂલ વિભાગના તા.૧૦/૦૩/૨૦૧૬ ના પરિપત્ર ક્રમાંક: સીએમપી/૧૦૨૦૦૯/૨૪/ક.૨ તથા તા.૨૧/૦૯/૨૦૧૯ ના પરિપત્ર

ક્રમાંક: સીએમપી/૧૦૨૦૧૯/૧૫૨/ક.૨

(૩) પૂર્વ યત્સણી અધિકારીશ્રી ની તા.૦૧/૦૭/૨૦૨૧ ની અધિપ્રાથ.

કુકમ નં.

વંચાણે લીધેલ કમ (૧) ની અરજીથી અરજદારશ્રી નવસારી કૃષિ યુનિવર્સિટી એ મોજે એરુ તા. જલાલપોર જિ. નવસારી ના

સરવે/બ્લોક નં. 392, 395, 396, 397, 398, 402, 403, 404, 405, 416, 438, 457, 789, 790, 791, 797, 798, 799, 800, 801,

802, 808, 809, 810, 817, 818, 819, 820, 821, 822, 823, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836,

837, 838, 839, 840, 841, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859,

860, 861, 862, 863, 864, 865, 866, 867, 868, 869 (ખાતા નં. 883) વાળી જમીનના રેકર્ડમાં નીચે મુજબની ક્ષતિ રહેલ હોઈ,

ક્ષતિ સુધારણાની કુકમ કરી આપવા અરજી કરેલ છે.

૨. સવાલવાળી જમીન અંગેના ગામ નમૂના નં.૭ પ્રમાણે ક્ષતિની વિગત નીચે મુજબ છે.

☒ ખાતેદાર નામ મોં સુધારો

ક્રમ	ખાતેદારનું નામ	સુધારો કરવાપાત્ર વિગત
1	ગુજરાત કૃષિ યુનિવર્સિટી નવસારી	નવસારી કૃષિ યુનિવર્સિટી નવસારી

૩. વંચાણે લીધેલ સંદર્ભ-(૨) માં જણાવેલ પરિપત્રથી કેટા એની. સીપઝ એનીની વખતે કે સ્ટુકથર એનીની ભૂલ રહી કોય તેવા કિસ્સામાં મામલતદારશ્રીએ સુધારા કુકમ કરી કુકમી નોંધ દાખલ કરી મહેસૂલી દફતરમાં રહેલ ભૂલો સુધારવાની કાર્યપદ્ધતિ નકકી કરવામાં આવેલ છે.

૪. વંચાણે લીધેલ સંદર્ભ-(૩) ની વિગતે પૂર્વ યત્સણી અધિકારીશ્રીએ ક્ષતિ સુધારણાની કુકમ કરવા અધિપ્રાથ આપેલ છે.

સમય, ઉપરોક્ત કક્કીત ધ્યાનમાં લેતાં નિમાદક્ષિત હાલની વિગતમાં મહેસૂલી દફતરમાં રહેલ ક્ષતિનો સુધારાપાત્ર વિગતરમાં નોંધેલ મહેસૂલી દફતરમાં ચોચ સુધારો કરવા અહીં કુકમ કરવામાં આવે છે.

ક્રમ	ખાતેદારનું નામ	સુધારાપાત્ર વિગત
1	ગુજરાત કૃષિ યુનિવર્સિટી નવસારી	નવસારી કૃષિ યુનિવર્સિટી નવસારી

(એસ.એ.સાહેબ)

મામલતદાર જલાલપોર  
જિ. નવસારી

આર.પી.એડી.

પ્રતિ,

નવસારી કૃષિ યુનિવર્સિટી

Courtesy: IAC, Gujarat

Application No.42402210006688

Order No.IORA/22/2402/2021

Page 1 ના 2

**મામલતદાર અને એકિઝક્યુટિવ મેજિસ્ટ્રેટની કચેરી, તા. નવસારી શહેર જિ. નવસારી**

આમ નમૂના નં. ૭ માં કહી સુધારણા એજેન્ડી મંજૂરી

**કુલપતિ વિભાગ, નં.૭૩૬૧૧ નવસારી**

**૩1 AUG 2021**

**વેબસાઇટ નં-૩ રાજ્ય**

**વેબસાઇટ નં-૩**

**ક્રમ નં. JORA/39/2407/2021**

**તા. 24/08/2021**

**(૧) અરજદારની નવસારી જિલ્લો યુનિવર્સિટી**

રહે. નવસારી, નવસારી, જલ્લાપોર-૩૯૬૫૫૦ તા.૦૭/૦૮/૨૦૨૧ ની ઓબોલેન્સ અરજી (નં.42407210006688) તથા મધ્યમ-પુરાવા.

**(૨) મધ્યમ વિભાગના તા.૧૦/૦૩/૨૦૧૬ માં પરિપત્ર ક્રમાંક: સીએમપી/૧૦૨૦૦૬/૨૩૬/૭૨ તથા તા.૨૧/૦૬/૨૦૧૬ નો પરિપત્ર ક્રમાંક: સીએમપી/૧૦૨૦૧૬/૧૫૨/૭૨**

**(૩) પૂર્વ ચકાસણી અધિકારીની તા.૧૮/૦૮/૨૦૨૧ નો અભિપ્રાય.**

**ક્રમ નં.**

વેબસાઇટ લીધેલ ક્રમ (૧) ની અરજદારી અરજદારની નવસારી જિલ્લો યુનિવર્સિટી જે મોજે જલ્લાપોર તા. નવસારી શહેર જિ. નવસારી ના સરવેન્સીટ નં. 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 693, 694, 695, 739, 740, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 760, 761, 762, 763, 764, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 786, 788, 789, 791, 792, 793, 795, 798, 800, 801, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 834, 835, 836, 837, 838, 839, 841, 843, 844, 845, 846, 847, 849, 851, 852, 853, 854, 855, 856, 857, 858, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 871, 880, 881, 882, 935, 936, 937, 938, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 955, 956, 957, 958, 959, 960, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1069, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1197, 1198, 1199, 1200, 1202, 1217, 1218, 1219, 1220, 1223, 1226, 1227 (મતાં નં. 2472) વાળી જમીનના રેકર્ડમાં નીચે મુજબની જમીન રહેલ હોઈ, કહી સુધારણાનો ક્રમ કરી આપવા અરજ કરેલ છે.

૨. સવલવાળી જમીન એજેન્ડા ગ્રામ નમૂના નં. ૭ પ્રમાણે હાલની લિસ્ટ ની મુજબ છે.

☒ ઓદોદાર નામ માં સુધારો

ક્રમ	ઓદોદારનું નામ	સુધારો કરવાપાત્ર વિગત
૧	ગુજરાત જિલ્લો યુનિવર્સિટી નવસારી	નવસારી જિલ્લો યુનિવર્સિટી નવસારી

૩. વેબસાઇટ લીધેલ સર્વેલ-૨) માં જણાવેલ પરિપત્રકી ૨૪ હોઈ. કહી એજેન્ડા વિષે કે સરકાર એજેન્ડી બ્લોક રી હોય તેમ કે કિસાસ મામલતદારશ્રીએ સુધારા ક્રમ કરી કરાઈ નથી હાલત રી મહેસૂલી દરખાસ્ત રહેલ બોલી સુધારવાની શરૂઆતની હોય છે કરવાની આવેલ છે.

૪. વેબસાઇટ લીધેલ સર્વેલ- (૩) ની વિગતે પૂર્વ ચકાસણી અધિકારીશ્રીએ કહી સુધારણાનો ક્રમ કરવા અભિપ્રાય આપેલ છે.

સમળ, ઉપરોક્ત હકીકત ખ્યાનમાં લેતાં નિમિત્તેલે હાલની લિસ્ટના મહેસૂલી દરખાસ્તો રહેલ હાલનો સુધારાના લિસ્ટનાં દર્શાવેલ મહેસૂલી દરખાસ્તો યોગ્ય સુધારો કરવા સુધી ક્રમ કરવા આપેલ છે.

**Legal**

**G**

Signature

Course: NIC, Gujarat

27 AUG 2021

Application No.4240721000666

Order No.JORA/39/2407/2021

Page 1 of 2



11

## Regional Meeting of Vice-Chancellors of IAUA

For the first time ever 9<sup>th</sup> Regional Meeting of Vice-Chancellors of Indian Agricultural Universities Association (IAUA) on the theme: **'NEP-2020: Importance and feasibility of Short Term and Certified courses in Agricultural Universities'** was organized at NAU, Navsari during November 23-25, 2022.





12

## Annual Celebration of Foundation Day of NAU, Navsari

Started celebration of **Foundation Day of NAU, Navsari** annually, commencing from May 1, 2023 to recognize the pioneering efforts and contributions of employees and alumni; and to mould their mindsets for future road map.



**BLOOD** Donation During Celebration of Foundation Day



**HOSTEL DAY** During Celebration of Foundation Day





13

## NAU Life Time Achievement Award

Commenced **“NAU Life Time Achievement Award”** for faculty members who have contributed significantly for the development of University and science.

Sr. No.	Name of Faculty	Position	Year of award	Contribution
1	Dr. R. G. Patil	Research Scientist	2023	Soil and Water Management, Banana Pseudostem
2	Dr. C. T. Patel (posthumously)	Research Scientist	2024	First cotton hybrid in world
3	Dr. R. P. S. Ahlawat (posthumously)	Vice Chancellor	2025	Overall University development





14

## NAU Ratna Award

Commenced **"NAU Ratna Award"** for alumni who have achieved significant position based on knowledge, skill and attitude developed during their study and stay in NAU, Navsari.

Sr. No.	Name of Alumni	College	Year of award	Contribution
1	Dr. N. K. Patle	ASPEE College of Horticulture	2023	Additional Commissioner Horticulture & Executive Director, National Bee Board, Ministry of Agriculture & Farmers Welfare, New Delhi
2	Dr. Dineshbhai Dasa	College of Forestry	2024	Former Chairman of GPSC and present member of UPSC
3	Dr. R. I. Bhatt (posthumously)	N. M. College of Agriculture	2025	Development of Sonpari variety of mango



15

## Recognition to Shri Dadabhai Naoroji on his 200<sup>th</sup> Birth Anniversary

Paid tribute and recognized able son of Navsari and pillar of Modern India, The Grand Old Shri Dadabhai Naoroji by renaming the most visited Museum of NAU, Navsari, the Educatorium as **“Dadabhai Naoroji Educatorium”** on the occasion of his 200<sup>th</sup> Birth Anniversary on September 04, 2025.



**Dadabhai Naoroji**  
September 04, 1825 to June 30, 1917





16

## Recognition to Donor of N. M. College of Agriculture

Recognized donor of NMCA Shri Navinchandra Mafatlal  
by placing his bust at the entrance of N. M. College of Agriculture on October 11, 2024.





17

## Campus Beautification Scheme





# Transformation in Education

(October - 2020 to October - 2025)





18

## ICAR Accreditation

Got accreditation of all the eight colleges of NAU by the **“National Agricultural Education Accreditation Board”** of ICAR, New Delhi for five years i.e. up to March 31, 2026.



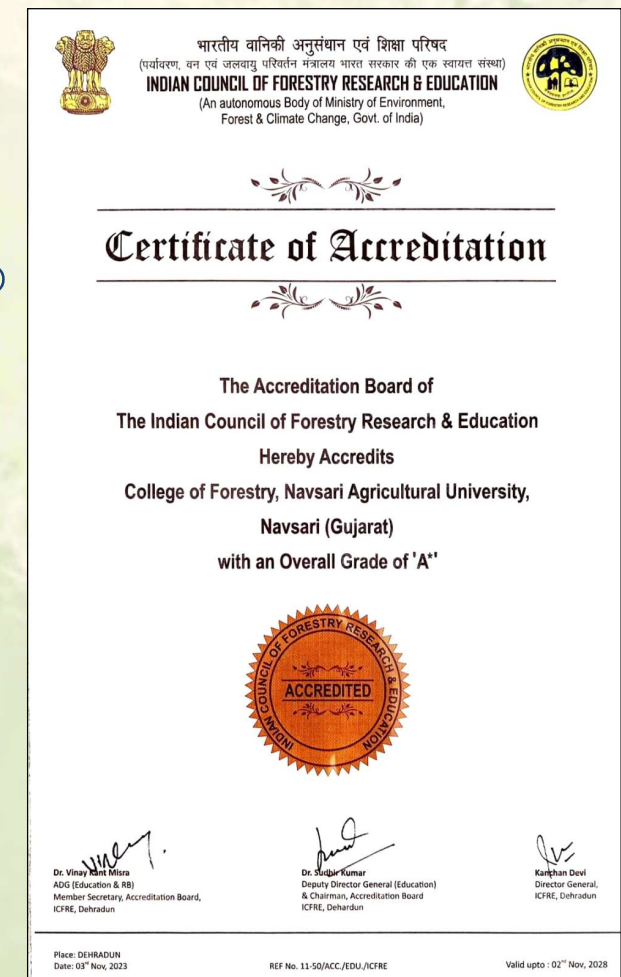
- ▶ No. of Colleges Accredited = 08
- ▶ No. of PG Programmes Accredited = 27
- ▶ No. of UG Programmes Accredited = 07
- ▶ No. of Ph.D Programmes Accredited = 21



19

## ICFRE Accreditation

Got accreditation of College of Forestry, Navsari from **"Indian Council of Forestry Research and Education (ICFRE), Dehradun"** with **"A"** grade.





20

## Recognition to the College of Forestry &amp; Horticulture w.e.f. June 01, 2022

College of Horticulture & Forestry, established in the year 1988 was having two faculties in one college. In spite of full development of the colleges, buildings, faculties and regular intake of students; independent existence of both the colleges was lacking. Both the faculties were **separated and colleges were recognized as independent colleges w.e.f. June 01, 2022.**





21

## Implemented Recommendations of NEP-2020

Recommendations of NEP-2020 were implemented by NAU, Navsari. **“Deeksharambh-2024-25”** an induction cum foundation programme was initiated at all the colleges.

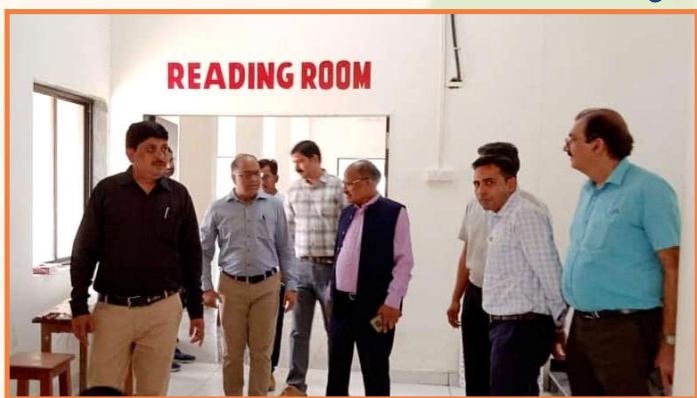




22

## Initiated PG Program at CoA, Waghai

- College of Agriculture, Waghai was established in 2012 at Waghai, a tribal village in the Dang district.
- **Granted approval in 2025 to launch postgraduate (PG) program** in all the disciplines of Agriculture.





23

## Established Environmental Science Laboratory at Navsari

Established and inaugurated state-of-the-art **“Environmental Science Laboratory”** in the Department of Forest Resources Management (FRM), College of Forestry, Navsari on October 29, 2024.





24

## Established Department of Wild Life at Navsari



Established and inaugurated **"Department of Wild Life"** in the College of Forestry on June 18, 2021.





25

## Established Agricultural Microbiology and Plant Physiology Department at Navsari

Previously, the Agricultural Microbiology department was functioned under the Department of Plant Pathology, and the Plant Physiology department was functioning with Department of Genetics and Plant Breeding. These departments were given **independent identity w.e.f. April 30, 2021.**



26

## Established Pesticide Residue Laboratory at NMCA, NAU, Navsari

Established New **Pesticide Residue Laboratory** at NMCA, NAU, Navsari.  
Facility was inaugurated on foundation day of University (May 01, 2025).





27

## Effective Implementation of Student READY Programme

ICAR Student READY (Rural Entrepreneurship Awareness Development Yojana) programme was streamlined and executed uniformly in all the colleges with provision of disbursement of profit earned by the students.





28

## International Visit of Students and Faculties

- Twenty nine PG students attended two months International Training on **“Smart Farming Technologies for Sustainable Agricultural Development”** at **Asian Institute of Technology (AIT), Bangkok, Thailand** (February 07 to April 07, 2022).
- Nine PG students attended one month (March 16 to April 16, 2023) training at **IRRI, Metro Manila, Philippines**.
- Three faculty members visited University of **Putra Malaysia (UPM), Malaysia** (June 18 to August 17, 2023) for two months in NAHEP-CAAST project.





29

## Annual Convocations of NAU, Navsari

Annual Convocation were organized regularly even during the Covid-19 epidemic.





30

## Polytechnic Passing Out Ceremony

Pioneered Convocation (**Passing Out Ceremony**) for Polytechnic Students from 2023 onwards.





31

## First Honorary Doctorate in Agricultural Sciences

Awarded the **First Honorary (Honoris Causa) Doctorate Degree in Agricultural Sciences** to Shri, Sharadbhai L. Patel, Managing Director, ASPEE Group of Companies **on 18<sup>th</sup> Annual Convocation on March 03, 2023.**





# Students Welfare Related Initiatives and Placements

(October - 2020 to October - 2025)





32

## Introduced 25 new Gold medals

Encouraged donors and introduced 25 new medals in last five years.

## For Agriculture Faculty

1. Thermo Fisher Scientific (India) Pvt. Ltd. sponsored Gold Medal
2. Dr. C. T. Patel (Cotton Hybrid - 4) Gold Plated Silver Medal
3. Dr. Champakbhai Patel Gold Plated Silver Medal Master
4. South Gujarat Koli Patel Agricultural Graduate Gold Plated Silver Medal
5. Anavil Agricultural Graduate Sponsored Gold Plated Silver Medal
6. Dr. Thakorabhai Jeshingbhai Khatri Gold Plated Silver Medal
7. Shree Khedut Sahakari Ginning and Pressing Society Ltd Baben Sponsored Gold Plated Silver Medal
8. Prof. (Dr.) Rajesh Dilip Pandya Gold Plated Silver Medal
9. Shrimati Padmini Vitthalrao Narwade Gold Plated Silver Medal
10. Smt. Ranjanben and Dr. Vinodchandra D. Joshi Gold Plated Silver Medal
11. Dr. A. H. Shah Excellence Gold Plated Silver Medal for M.Sc. (Agri.) sponsored by Post Graduate Students and well-wisher

## For Horticulture Faculty

1. South Gujarat Koli Patel Agricultural Graduate Gold Plated Silver Medal
2. Anavil Agricultural Graduate Sponsored Gold Plated Silver Medal

## For Graduate Faculty

1. Late Shree Prahladbhai Shankarbhai Prajapati Gold Plated Silver Medal

## For Biotechnology Faculty

1. Padma Bhushan Shri Rajju Shroff Gold Plated Silver Medal (Male)
2. Shrimati Sandra Rajnikant Shroff Gold Plated Silver Medal (Female)

## For Agricultural Engineering Faculty

1. Dr. V. J. Patel Gold Plated Silver Medal for B. Tech. (Agril. Eng.)

## Gold Medal (Fruit Fly Innovation Medal) on ITK

1. Medal to Student and Certificate to Major Advisor for Commendable Work sponsored by Dr. Z. P. Patel



SN	Name of Medal	Diploma
1	Vice-Chancellor's Gold Medal	Agriculture
2	Vice-Chancellor's Gold Medal	Horticulture
3	Vice-Chancellor's Gold Medal	Agricultural Engineering
4	Shree Mahuva Pradesh Sahakari Khand Udyog Mandli Limited Gold Medal	Agriculture
5	Bharuch Jilla Krushi Snatak Parivar Gold Medal	Agriculture
6	Shrimati Shantaben Chhotubhai Naik Gold Medal	Horticulture
7	Late Kamuben Dhirubhai Desai and Late Hemlataben Ketanbhai Desai Gold Plated Silver Medal	Horticulture





33

### Gold Medal on ITK: Medal to Student and Certificate to Major Advisor

- Announced New Gold Medal (**Fruit fly Innovation Medal**) for the PG students to encourage work on Indian Traditional Knowledge (ITK).
- Also made provision to give appreciation certificate to the Major Advisor.
- This is the first time in history where a major advisor will be awarded for the commendable work of the student in convocation.





34

## The State-of-Art Turf Grass Cricket Ground

Developed first state-of-art and well planned **Turf Grass Cricket Ground** in SAUs of Gujarat in 2021.



*Before*



*After*



35

## Modernization of the Gymnasium

Modernized gym with ultra modern facilities and equipments in 2022.



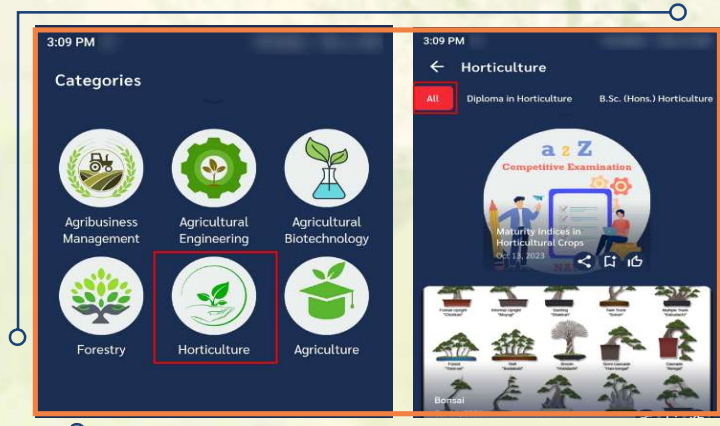


36

## Establishment of Competitive Examination Cell

Established **"Competitive Examination Cell"** at NAU, Navsari.

An **"A to Z Mobile App"** was launched on October 13, 2023.





37

## GSBTM Crash Workshop for the Competitive Exam

- **Started Undergraduate Biotechnology Capacity Building Cell (UG-BT-CBC)** with the support of GSBTM, DST, GoG, Gandhinagar in 2023 at ASBI, NAU, Surat.
- Organizes 15-day intensive crash workshop for ICAR-AIEEA-PG and other biotechnology-related examinations every year.





## Startup Cell: SSIP 2.0 Scheme

**Signed MoU with Gujarat Knowledge Society, Directorate of Technical Education, Gandhinagar for the Students Startup & Innovation Policy (SSIP) 2.0 to encourage students for the Startup on December 31, 2022. So far ₹ 11.60 Lacs Startup funds has been disbursed to 23 Students budding Agripreneur & Agri-Startup founders.**





39

## Entrepreneurship Capacity Building Cell (E-CBC) at ASABI, Surat

- Established **Entrepreneurship Capacity Building Cell (E-CBC)**, funded by **GSBTM, Savli Technology and Business Incubator (STBI), Vadodara** at ASBI, NAU, Surat in 2023.
- In this incubator, financial support has been given for development of cotton specific GMO test kit, Quick and reliable detection; development of blood collection device (swab) for animals and development of Proof Man: Based on microbial enhanced calcite precipitation.



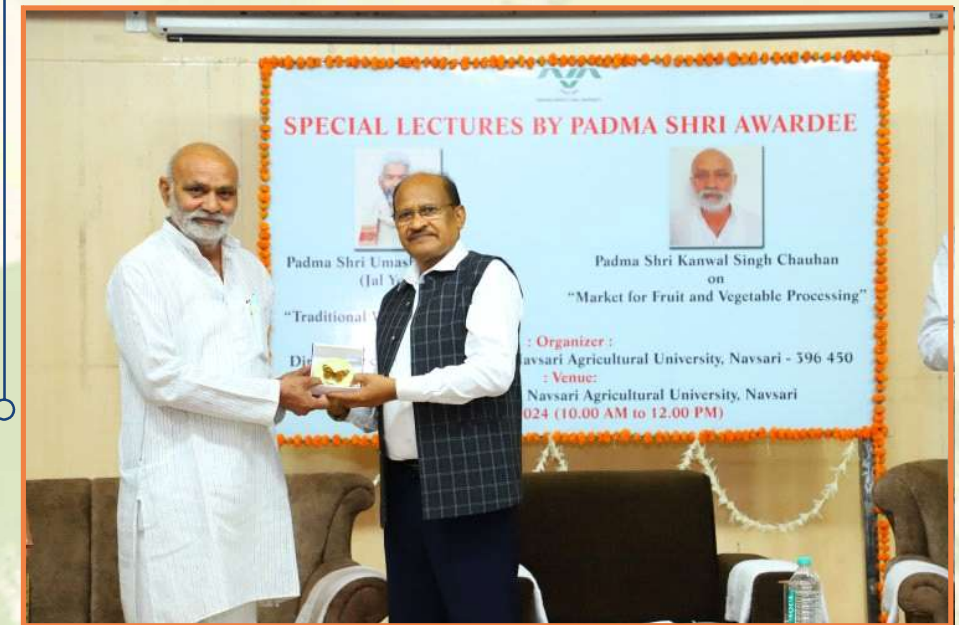
40

## Enlightening lectures by Padma Shri awardees

Invited **Padma Shri Umashankar Pandeyji** and **Padma shri Kanwal Singh Chauhanji** to motivate the faculty and students through thought provoking discourse on July 05, 2024.



**Padma Shri Uma Shankar Pandeyji**



**Padma Shri Kanwal Singh Chauhanji**



41

## Prime Minister and other fellowships

- Almost all the PG & Ph.D. students are getting fellowships.
- Prime Minister Research Fellowship (PMRF) was awarded to six students of NAU Navsari.
- In 2024, **out of total 46 fellowship awarded nationally, five were from NAU, Navsari.**

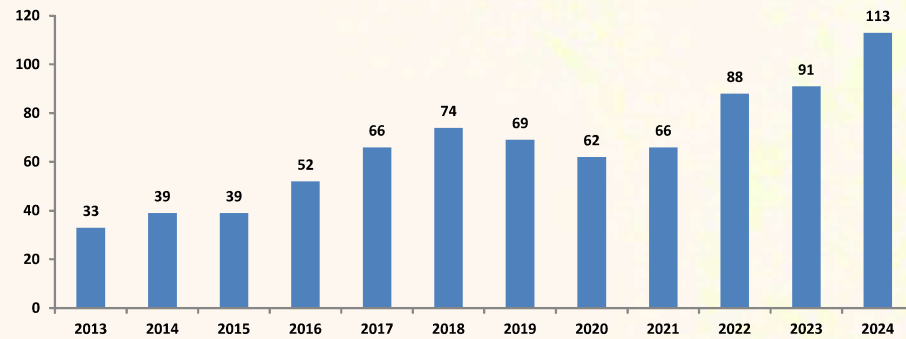




42

## Placement

- University regularly organize job seminar, campus interview, encourage students for better carrier.
- Students have been selected in **ISRO, Silk board, ASRB, Bank, GPSC, Academics, R&D, etc**



### Number of Campus Placement Interviews

#### 92 Navsari Agricultural University women get offers

Agri-Business Recruiters Opting For More Women

Vishal Patadiya  
@timesofindia.com

Surat: Women students of Navsari Agricultural University (NAU) have continued to shine for the second consecutive year in securing jobs through campus interviews. As many as 92 girl students secured jobs with various companies dealing in agri-business and allied sciences in the recent concluded placement season. The students who bagged jobs belong to various UG and PG courses and they will pass out in 2023. The increasing number of jobs for girls is attributed to the changing mindset of society and corporates, which have launched special drives for female recruits. Dr Mohit G Thakkar, NAU placement and counselling head, told TOI: "Earlier, companies dealing in agri-input products preferred males over females as it required a lot of fieldwork. There were many hardships in those jobs, including me-



Excited NAU graduates

#### NAU CAMPUS RECRUITMENT

Year	Male	Female	Total
2019	144	27	171
2020	139	42	181
2021	139	29	168
2022	134	32	166
2023	131	55	186
2024	233	92	325

firm and will work in Navsari GIDC. Shivani Duthbhai, who hails from Syadla village in Tapi district, will soon join Bengaluru based start-up Permeant Technologies, which deals in satellite based crop monitoring. "My parents did not stop me from doing anything. They were happy that I am advancing in my career. I will be working as a content marketing specialist," she said. Ranju Nagasia, a Jharkhand native, opted for a Raj-

kot-based company in a campus interview last year. She told TOI: "In Jharkhand, we have limited resources but fewer opportunities and industries. So, after completing a BSc in Forestry, I decided to pursue an MHA in Agri-Business Management at NAU. As Gujarat is the best place to explore with many industries, I decided to work with a Rajkot-based agro company where I worked for six months in Kavadva GIDC. Recently, I got selected by the Tribal Co-operative Marketing Federation of India (TRIFED) and was posted in Ahmedabad as a program associate. In the recent placement, NAU received 150 companies on campus offering 2,374 jobs. But only 42 graduates and postgraduates were available for these jobs. According to experts, with more and more companies entering agri-business and agriculture-related fields, the demand has surged manifold over the past few years. Of 422 students, 353 students (77%) opted for various jobs in agriculture, horticulture, forestry, agriculture business management, agricultural engineering, and biotechnology disciplines. Of these 353 students who opted for jobs, 233 are male while 92 are female. Jobs were also offered in food processing, import-export, and in micro-financing and banking.

#### NAU PhD scholar selected as scientist for Isro

Vishal Patadiya  
@timesofindia.com

Surat: A forestry doctoral candidate at Navsari Agricultural University (NAU), Preeti Vats, has secured a position as a scientist at the Indian Space Research Organisation (ISRO).

She is set to commence her role at the Space Application Centre (SAC) in Ahmedabad in the coming week, where she will focus on India's forest management initiatives. Originally from a farming background in Tumbaheri village in Haryana's Jhajjar district, Vats earned her bachelor's degree from NAU's forestry college and completed her master's at Kerala Agricultural University (KAU). Currently, she is working towards her PhD in forest products and utilization at NAU, supervised by Prof SK Sinha. "After completing my post-graduate studies, I thought of going into state or national forest services by appearing in competitive jobs. I never thought of serving India's prestigious organisation like ISRO. However, with the guidance of my mentors at NAU, I came to know that Isro is looking for specialists in forestry and ecology," he said.



Preeti Vats sharing her appointment letter with NAU vice-chancellor Prof. ZP Patel (L) and her guide Prof. Satish Kumar Sinha (R)

Preeti appeared for a written exam in December last year. I got an interview call and appeared for the same in Hyderabad. "I will be joining SAC, Ahmedabad, where I am supposed to work on forest stand structure and forest stand dynamics using remote sensing and GIS technology," she added. NAU vice-chancellor Prof. ZP Patel praised her selection, saying it demonstrates the growing importance of forestry across disciplines and expanded career opportunities for forestry graduates, particularly in space research, remote sensing, GIS, climate modelling, and natural resource monitoring. Preeti received the VC's Gold Medal in 2020 from NAU, Navsari, during her undergraduate studies. Preeti stated: "I would like to thank NAU, its faculty members, and colleagues for providing an excellent environment for academic excellence and encouragement."

Additionally, Preeti receives a monthly Rs. 37,000 scholarship through the CSIR (JRF) for her PhD studies. Her father works as a farmer. Her mother manages the household, and her brother serves in the Haryana police.





43

## Activated Alumni Associations

Six alumni associations registered in the University.  
All were activated and now alumni gathering are organised regularly.





# Transformation in Research and Development

(October - 2020 to October - 2025)

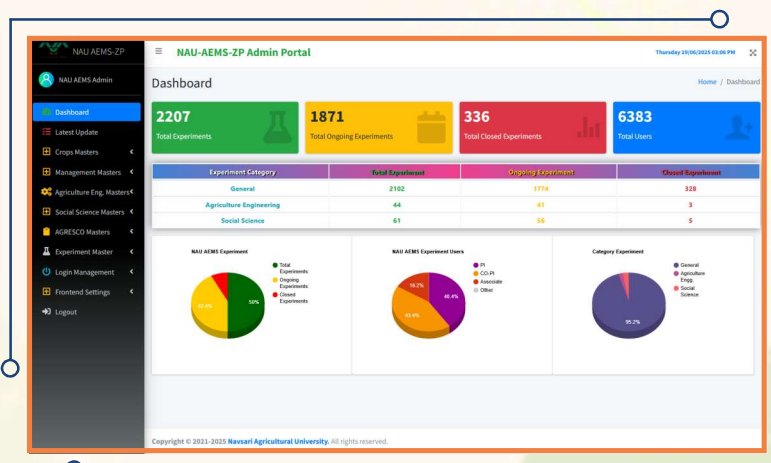




44

## Agriculture Experiment Monitoring System-ZP (AEMS-ZP)

An online dynamic system, “**Agriculture Experiment Monitoring System-ZP (AEMS-ZP)**” was developed on July 9, 2021, which brought all experiments on digital planning, implementation, monitoring and documentation. Received prestigious **National Level Digital Transformation Award** for the AEMS-ZP.



- 1 Unique online experiments monitoring and reporting software
- 2 Designed, developed and commissioned by **Dr. Z.P. Patel, Hon VC, NAU, Navsari** for all the experiments in the University

**Researcher**

Add day to day progress of the experiments

**Head**

Can monitor progress of all the experiments in the department

**Unit Head**

Can monitor all the experiments of the Unit

**Vice-Chancellor and Director of Research**

Can monitor progress of any experiment at any time





45

## Brainstorming Session of Plant Protection and Horticulture

- Brainstorming session on **“Transformation of Agricultural Research in Plant Protection”** was organized on July 02, 2024.
- Brain storming session of Horticulture on **“Shaping the Future of Horticulture in South Gujarat”** was organized on October 22, 2024.



Brainstorming of Horticulture



Brainstorming of Plant Protection



46

## Varieties & Hybrids Released by NAU, Navsari (2020-21)

### Biofortified (2)



**FINGER MILLET: CFMV-2 (Gira)**  
Iron (39ppm), Zinc (25ppm)



**RICE: GNR-9 (Lalkada Gold)**  
High protein content (9.18%)



**MANGO GINGER: GNMG-2 (Jyoti)**



**SUGARCANE: GNS-12 (Divyashi)**



**TURMERIC: GNT-3 (Pitambari)**



**NIGER: GNIG-4 (Kasturi)**



**OKRA: GNO-1 (Purna Rakshak)**



**RICE: GR-20 (Navsari Kamod)**



**LITTLE MILLET: GV-4 (Ambika)**



**Sorghum: GJ-101 (Madhu Moti)**



**ADENIUM: GNAd-4 (Shobhita)**



**ADENIUM: GNAd-3 (Aabha)**



47

## Varieties & Hybrids Released by NAU, Navsari (2021-22)

### Biofortified (1)



RICE:GR-23(Navsari Paushtik)

High protein content (12.18%)



GR 24 (Navsari Parimal)



Sorghum: GNJ 1



COTTON: GN. Cot. 27 (Surti Sonu)



Finger millet: CFMV 3  
(Ekvijay)



Cowpea: Cowpea-9  
(Shakambhari)



Sunn hemp : GNSUN 1  
(Vijay)



48

## Varieties & Hybrids Released by NAU, Navsari (2022-23)

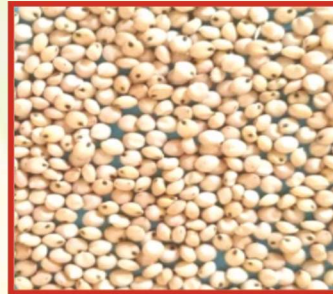
### Biofortified (1)



RICE:GR 26 (Navsari Lalmoti)  
High protein content (11.91%)



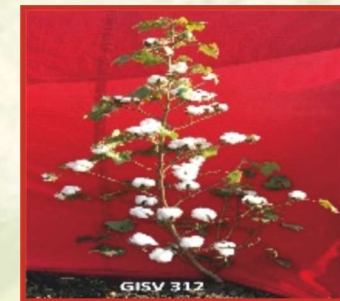
Rice: GR 25 (Mahatma)



Sorghum: GNJ 1



Desi cotton: G Cot. 31  
(Narmada Gold)



Cotton: GISV 312  
(GN. Cot. 44)



Fenugreek:  
(GM 4: Supriya)



Adenium: G.Tannia 1  
(Navsari Pari)



Turfgrass:  
(GTG 1: Arna)



Tannia: G.Tannia 1  
(Navsari Pari)



49

## Varieties & Hybrids Released by NAU, Navsari (2023-24)



**Ponk Sorghum GJ-103  
(Surati Ponk-1)]**



**Groundnut TGG-90  
(Tapi Kiran)**



**Little Millet GV-5  
(Mavli)**



**Pigeon Pea GT 110  
(NAV TUR)**



**Barnyard Millet  
GB-2 (Sabari)**



**Sugarcane GNS-13  
(Madhuri)**



**Turmeric GNT-4  
(Amruta)**



**Brinjal GRB-10  
(Nav Nidhi)**



**Elephant Foot Yam  
GEFY-2 (Chandana)**



**G.Cot.10 Bt**



**CSV 55 (Gujarat Goti)**



**Okra GO 7  
(Purna Kranti)**



50

## Varieties & Hybrids Released by NAU, Navsari (2024-25)



**Sapota FRSG-S-MC**  
[Gandevi Murabba]



**Mango SHB – 096**  
Gujarat Mango -2 : Navpari



**Slender grain rice culture**  
NVSR-3626 [GR-28 (Valmiki)]



**Long bold grain rice variety**  
NVSR-687  
[GR-27 (Navsari Bhim)]



**Sweet Potato variety**  
NSP-2  
Gujarat Sweet Potato-1 (Navsari Gaurav)



**Coriander variety**  
GNLC-1 (Surbhi)



**Okra NOL 21-84**  
[GO 11 (Purna Samrat)]



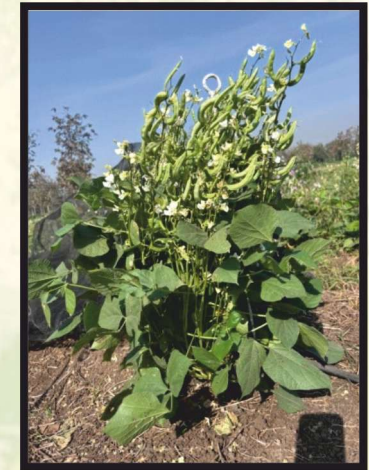
**Coriander NCOR-136**  
[GCor-5 (Krupali)]



**Early Pigeon Pea**  
BP-16-184  
[GT-113 (Rewa)]



**Snake plant**  
GNSP1 (Vaasuki)



**Indian bean GIB-23**  
[NIBD-17-14 (NAVSEM)]



**Casuarina**  
'IFGTB-CH-5'



51

## Popularized Sonpari Mango Variety and Developed Nursery for Propagation

- Developed in 2000, however, recognized and nurseries were prepared in last five years (2020-2025)





52

## New Variety of Mango (Gujarat Mango-2: Navpari) 25 Years After the Sonpari

**Developed and released a new mango variety  
(Mango SHB – 096 Gujarat Mango-2: Navpari in 2025)**

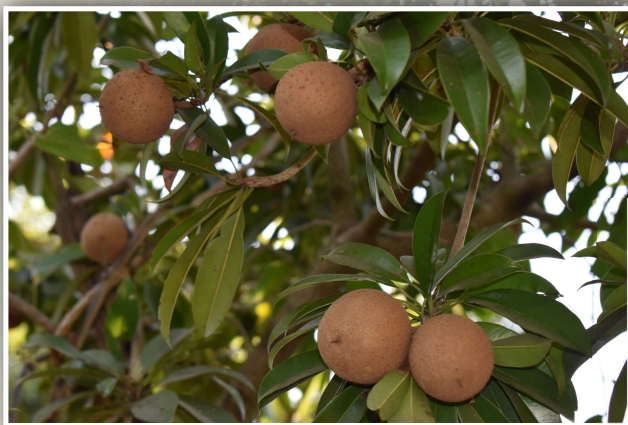




53

## Developed First Chikoo (Sapota) Variety from Gujarat: Murabba

- Mission initiated during service at FRS, Gandevi was accomplished in 2025 by realising **first sapota variety (Murabba) from Western India**





54

## Decorative Butterfly Paperweight: Prepared, Patented and Marketed

- Decorative butterfly paperweights were developed as an **innovative means to preserve insect specimens**, serving both as educational tools for teaching and as attractive extension materials

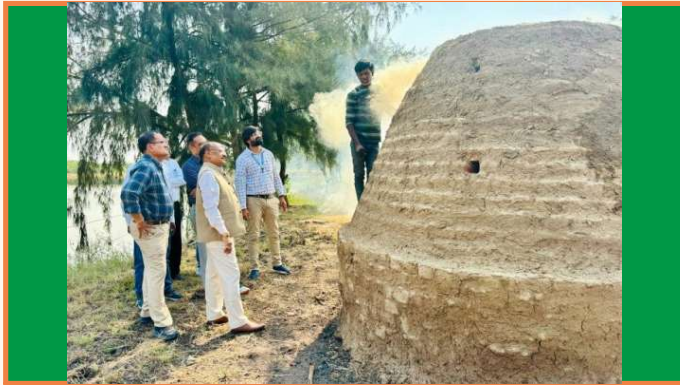




55

## Biochar: Research Initiative and Use in Agriculture

**First time in Gujarat, identified the potential of biochar** and initiated production and research on this miracle product which has potential to improve soil's physical, chemical and biological health.





56

## Biochar Machine at Danti Farm

**Biochar Processing Unit** at the Coastal Soil Salinity Research Station Danti-Umbharat was installed and inaugurated on April 02, 2025 to strengthen research and development activities.





57

## Testing Feasibility of Rubber Planting in Gujarat

- **First plant of rubber** (total 600 plants) in Gujarat was planted on **July 06, 2022** by Dr.Z.P.Patel, Hon VC in the presence of Dr. K. N. Raghavan, Hon. Executive Director, Rubber Board, GoI. at AES, Paria.
- In 2023, total **600 more plants** were planted at **Rajendrapur Farm, HMRS, Waghai.**
- **Rubber Plant Corridor** was also developed at **Agronomy Farm, Navsari** alongside the road.
- Dr.Z.P.Patel, Hon VC created history by **first time test tapping the rubber on February 6, 2025 in Gujarat.**

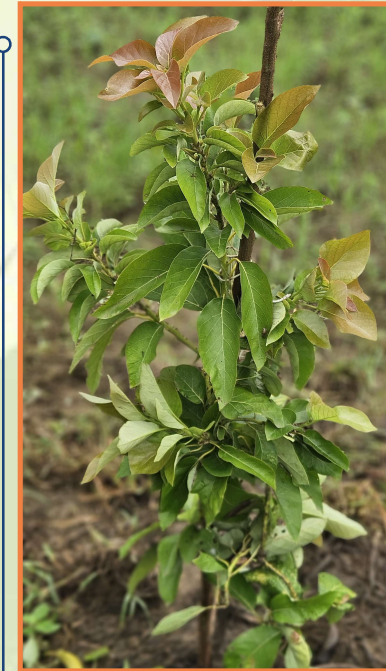




58

## Testing Feasibility of Avocado Planting in Gujarat

**Initiated trials of Avocado** (*Persea americana*, Family: *Lauraceae*) in Gujarat at AES, Paria with the collaboration of ICAR- Indian Institute of Horticultural Research (ICAR-IIHR), Hesaraghatta, Bangaluru. First plant of Avocado was planted on August 29, 2023.





59

## Jaggery from Sapota

Standardised technology for the preparation of **Jaggery from sapota** and the Jaggery Processing Device was got patented.





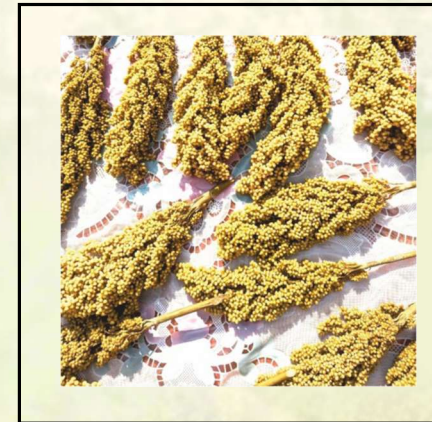
60

## Instant Ready to Cook Pudding from Ponk

- Preserve the classical delicacy of *ponk* (green tender sorghum seeds) and prepared an Instant Ready to Cook Pudding from it.
- This **ready to cook patented food from *ponk*** have the traditional taste characteristics and just get prepared in around five minutes.



Instantly Cooked Pudding

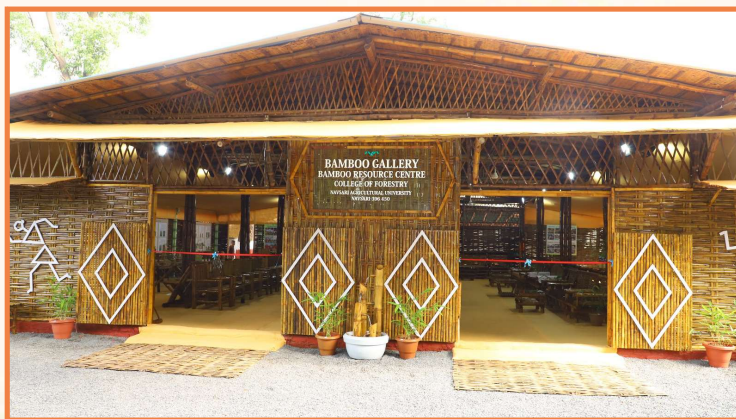




61

## Bamboo Resource Centre

- Strengthened Bamboo Resource Centre.
- **More than 60.0 lakh rupees** revolving fund has been generated in last five years.





62

## High-tech OMics Experimentation (HOME) Facility

Established and inaugurated **High-tech OMics Experimentation (HOME)** research infrastructure facility of ₹ 9.04 crore at the Department of Genetics and Plant Breeding, NMCA, NAU, Navsari under the RKVY on October 11, 2024.





63

## Rainout Shelter at Vyara

Established and inaugurated **“Rainout Shelter Facilities”** of worth ₹2.03 crore under RKVY on August 10, 2023 to strengthen Plant Breeding research at the Regional Rice Research Station, Vyara.





64

## Speed Breeding Facilities at Navsari

Established and inaugurated state of the art, **"Speed Breeding Facilities"** with the financial outlay of worth ₹ 4.78 crore under RKVY on July 19, 2024 at the Main Rice Research Centre, Navsari.





65

## Geospatial Research and Technology Centre at Navsari

Established and inaugurated Centre for **“Geospatial Research and Technology”** (GREAT) on June 28, 2024 at the College of Forestry, Navsari.





66

## Agrotextile Park with IoT Facilities at Navsari

- Established and inaugurated **“Agrotextile Park with IoT Facilities”** of worth ₹ 2.4 crore at the Soil and Water Management Research Institute, NAU, Navsari on December 21, 2024.
- Facility was inaugurated by Hon. Union Minister for Jal Shakti, GoI, **Shri, C. R. Paatil** in the presence of Hon. Cabinet Minister, Agriculture, GoG, **Shri, Raghavjibhai H. Patel**.





67

## Robotic Grafting Machine for Vegetable Crops

Established and inaugurated **“Robotic Grafting Machine”** with the capacity 300 grafts per hour under RKVY project at the Vegetable Research Farm, ACoH, Navsari on October 18, 2023.



68

## Established Central Tissue Culture Lab in Navsari

Established and inaugurated **“Central Tissue Culture Lab”** on June 09, 2024 to strengthen commercial tissue culture production of different crops.





69

## Rain Water Harvesting Facilities in NAU, Navsari

Strengthened “**Rainwater Harvesting Facilities**” at Soil and Water Management Research Institute, NAU, Navsari.

Sr. No.	Location of pond	Capacity in 000 liters
1	Near VC Bungalow Pond	44820
2	Natural Farming Field Pond	192846
3	Pulse Research Field Pond	75018
4	Soil and Water Management Pond	26760
5	KVK Pond - 1	35370
6	KVK Pond-2	20535
7	RHRS Pond	36078
8	Polytechnic Pond	11160
Total Capacity (000 Liters)		442587



Ground rain water harvesting



Roof top rain water harvesting



Ponds



70

## Established State of Art “Essential Oil Extraction Laboratory”

- **Initiated work on essential oil** from different plants having industrial significance by establishing “**Essential Oil Extraction Laboratory**”.
- Developed products having medicinal, therapeutic, and spiritual benefits significance. These includes mint extract, pain balm, rose water and oil, tulsi extract, different flavours, *arka* from different plant parts.





71

## FRS, Gandevi: Guided to be Hub of Innovation in Fruit Crop Research

- Fruit Research Station, Gandevi was workplace of **Hon. Vice Chancellor Dr. Z. P. Patel**, who dedicated 17 years of his scientific career to this centre.
- Further, guided the staff of centre and due to their sincere efforts this centre got **recognized as Best Centre by AICRP successively for four times.**
- In short time, centre has developed and promoted macro-propagation in banana, saddle grafting in mango, grafting techniques in papaya, established a mother block for Sonpari mango, introduced exotic fruit crops, etc.





72

## Refurbished Quality Evaluation Unit of ICAR-CIRCOT, Surat

- **Refurbished and Inaugurated Quality Evaluation Unit of ICAR-CIRCOT** at Main Cotton Research Station, Surat on March 11, 2025.
- The unit helps in quality evaluation of cotton germplasm and will strengthen long staple cotton varietal and hybrid development.





73

## GE Banana planting in Gujarat

Conducted **“Genetically Engineered Banana trial for pro-vitamin A and iron content”** first time in Gujarat under **“Banana Biofortification Project”**; in collaboration with NABI, Mohali and BIRAC-DBT, New Delhi at FRS, Gandevi in 2023-24.





74

## Initiated Work on Banana (Panama) Wilt Disease

- Recently Fusarium wilt, caused by *Fusarium oxysporum* f. sp. *cubense* (Foc) TR-4 has been seen in few isolated places of Bharuch, Surat and Narmada district.
- A **“Banana Wilt Working Group”** was constituted and initiated work on banana wilt to prevent its further spread in the area.

SANDESH

પનામા રોગ કેળના પાકને બરબાદ કરી રહ્યો હોવાની આશંકા



ઝઘડિયા પંથકના ગામોમાં કેળના પાકમાં સુકારાનો રોગ લાગતાં ખેડૂતો માટે ચિંતા સર્જાય છે.

## ઝઘડિયા પંથકમાં કેળના પાકમાં સુકારાનો રોગનો પગ પેસારો

ગાંઠમાં સુકારો લાગ્યા બાદ આખું થળ સુકાઈ જતા ખેડૂતો ચિંતાતુર

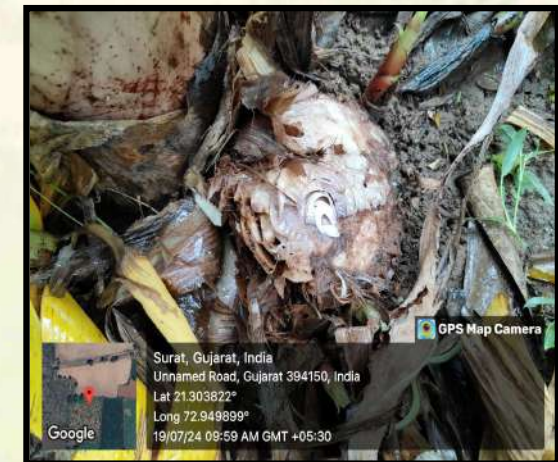
! ઝઘડિયા

ઝઘડિયા પંથકમાં કેળના પાકમાં રોગનો પગ પેસારો થતાં અને ગાંઠમાં સુકારો લાગ્યા બાદ આખું થળ સુકાઈ જતાં ખેડૂતો ચિંતાતુર થઈ ગયા છે. ઝઘડિયા તાલુકાના નર્મદા કાંઠા વિસ્તારના ગામોમાં વિપુલ પ્રમાણમાં કેળની ખેતી થતી હોય જેમાં ઉંદાર, પાણચા, લેલુગામ, મોટા-વાસણા જેવા ગામોમાં કેળ ના પાકની ખેતી બહોળા પ્રમાણમાં થાય છે. જેમાં છેલ્લા કેટલાક વર્ષોથી ઝઘડિયા તાલુકાના મોટા-વાસણા ગામમાં

કેળના પાકમાં એક વિધિય પ્રકારના રોગ જોવા માં રહ્યો છે. જેમાં કેળ પરિપક્વ થઈ જાય અને કેળ તૈયાર થઈ જાય છે. ત્યારબાદ આ રોગના કારણે તેનીની ગાંઠમાં સુકારો જોવા મળે છે. અને ધીરે ધીરે પૂરેપૂરું થળ સુકાઈ જાય છે. આ રોગનું નામ પનામા હોવાનું ખેડૂતોએ જણાવ્યું હતું.

આ રોગ એટલો ખતરનાક છે કે જો કોઈ ખેતરમાં પનામા રોગનો એટક હોય અને જો કોઈ લ્યુડિન એ ખેતરમાં જાય અને ત્યારબાદ બીજાના ખેતરમાં જાય

તો આ રોગ છે તે જમીનમાં પણ પ્રકારના રોગ જોવા માં રહ્યો છે. જેમાં કેળ પરિપક્વ થઈ જાય અને કેળ તૈયાર થઈ જાય છે. ત્યારબાદ આ રોગના કારણે તેનીની ગાંઠમાં સુકારો જોવા મળે છે. અને ધીરે ધીરે પૂરેપૂરું થળ સુકાઈ જાય છે. આ રોગનું નામ પનામા હોવાનું ખેડૂતોએ જણાવ્યું હતું.





75

## Lead Nodal Center For Dus Sapota

Lead Nodal Center for **DUS (Distinctness, Uniformity, and Stability) Sapota** was established on **July 21, 2025**. This centre is essential for conducting DUS testing, which is a prerequisite for the registration of new plant varieties.

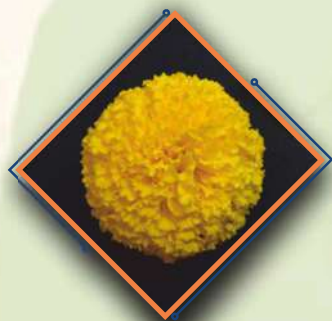




76

## Seed Production of Marigold

Initiated seed production of **“Arka Bhanu”** hybrid of ICAR-IIHR, Bangaluru and **“Punjab Gaiinda-1”** of PAU, Ludhiana first time in the Gujarat by any public institute.

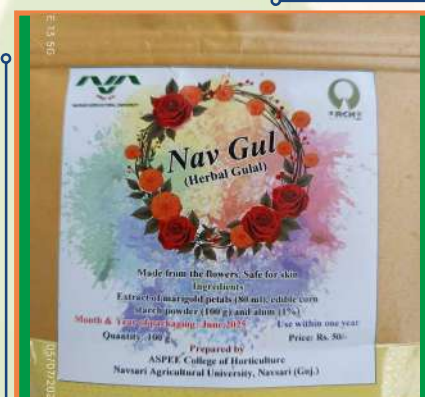
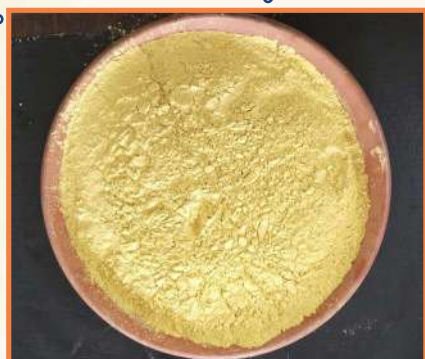




77

## Herbal Gulal: “Nav Gul” Developed and Commercialized

Developed the technology for production of **“Herbal Gulal”** (named as **“Nav Gul”**) from the plant and other natural ingredients.





78

## Initiated Crop Improvement Activities in Floriculture

- Initiated crop improvement related activities in different flower crops viz, **tuberose**, **spider lily**, **china aster**, **chrysanthemum**, **gladiolus**, etc.





79

## Mushroom Laboratory at Waghai

Strengthened **“Mushroom Laboratory”** at College of Agriculture, Waghai. Laboratory now organize regular training for the farmers and also provide different inputs.





80

## Initiated Work on Drones and Established RPTO Centre

Initiated work on use of drones in agriculture. Also established DGCA authorized **"Remote Pilot Training Organizations"** (RPTO) to train remote pilot for the agriculture purpose.

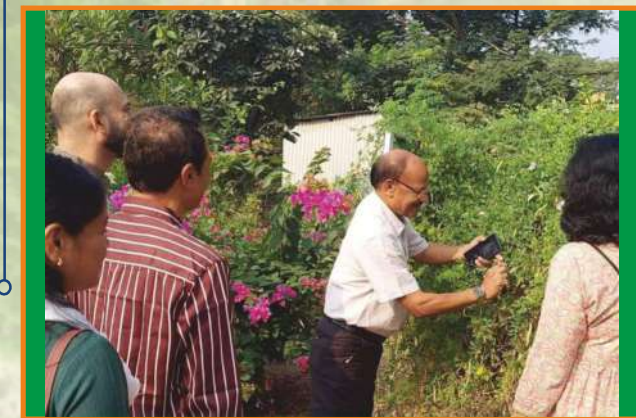




81

## Germplasm Conservation Park

- A **Germplasm Conservation Park** was developed at Navsari.
- It is well protected from all the sides by a boundary and also provides dedicated space for the conservation of genetic resources.
- It will help in **conservation of plant diversity** as well as sustainable use of plant genetic resources for food security, agriculture, and ecosystem conservation.





82

## Gene bank or Seed bank

- **Gene bank or Seed bank** (Seed Conservation Facility) was established at Megaseed, Pulses and Castor Research Unit in RKVY project. The foundation stone was laid on February 25, 2025.
- Facility conserves and stores plant genetic resources, particularly, seeds at low temperatures to maintain their viability and genetic integrity for conservation of genetic diversity of plant species, including crops, wild relatives, and endangered species.





83

## Attempts to Achieve Net Zero emissions by 2070

Initiated attempts to achieve **"Net Zero Emissions by 2070"**. A solar power plant of 1950 kW capacity has also been installed which generate 23.4 lakh kWh/year clean energy from the sun.





## 84

## Initiated work on Natural Farming

Initiated work on **“Natural Farming”** and a dedicated land of 7.0 hectares has been identified which had never been utilized for any of the agriculture purpose after the dawn of chemical era. KVK, Waghai was declared as **“Master Training Centre”** for Natural Farming.





85

## Studied about the Active Ingredients of Natural Farming Component

Studied about the active ingredients of natural farming components and  
proved concept of insect pest and disease control.

S. N.	Chemical compound	Dashpa rni ark	Agniast ra	Neema stra	Brahma astra	Garlic+ Ginger+ Min mixture	Insecticidal activity/Pesticidal activity
1	n-Hexadecanoic acid	Present	Present	Present	Present	Present	Anti-feedant
2	p-Cresol	Present	Present	Present	Present	Absent	Insect attractant
3	Phenol, 3-methyl or m-cresol	Present	Present	Present	Present	Absent	Attractant
4	Phenol, 3-propyl-	Absent	Present	Present	Present	Absent	Termiticidal
5	Phosphonic acid, (p- hydroxyphenyl)-	Present	Present	Present	Absent	Absent	Fungicidal activity
6	Benzyl alcohol	Present	Present	Present	Absent	Absent	Fumigant
7	Hydrocinnamic acid	Present	Present	Present	Absent	Absent	Anti-oviposition
8	2-Indolinone, 1- methyl-	Present	Present	Present	Absent	Absent	Larvicidal activity
9	$\beta$ - Sitosterol	Present	Absent	Absent	Present	Present	Affect insect midgut enzymes, disrupting their digestive processes
10	Phenol, 4-ethyl-	Absent	Present	Present	Absent	Absent	Toxicity to sporangia formation and zoospore germination
11	Salannin	Absent	Absent	Present	Present	Absent	Antifeedant
12	Phenol	Absent	Present	Absent	Absent	Present	Attractant



86

## QR Code for Identification of Trees

Developed and launched **QR Code for the identification of the different forest species** in NAU, Navsari on February 19, 2025.

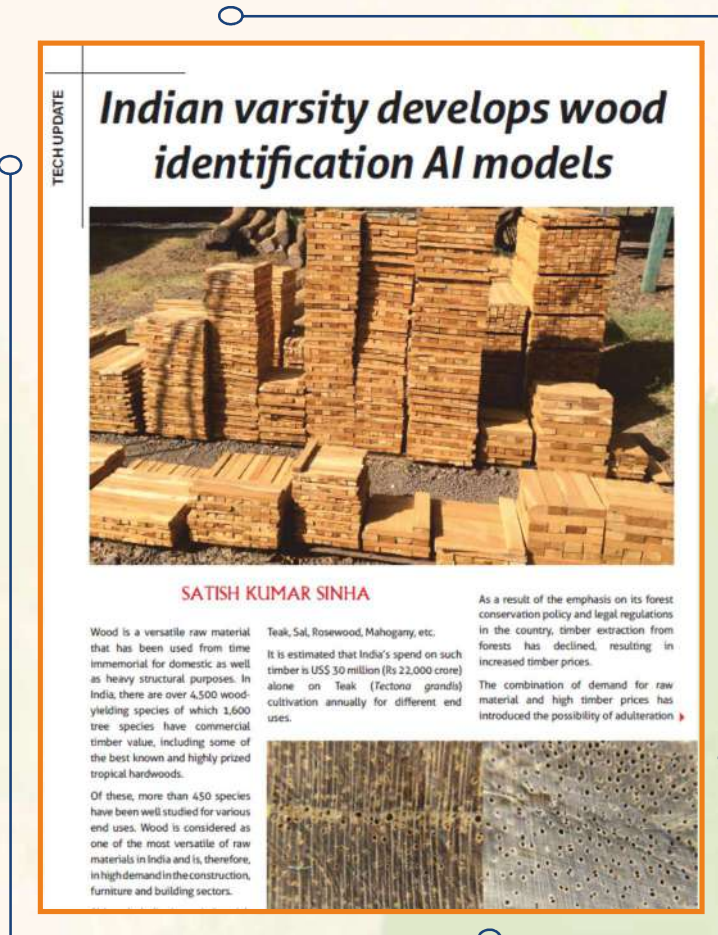




87

## Wood Identification AI Models

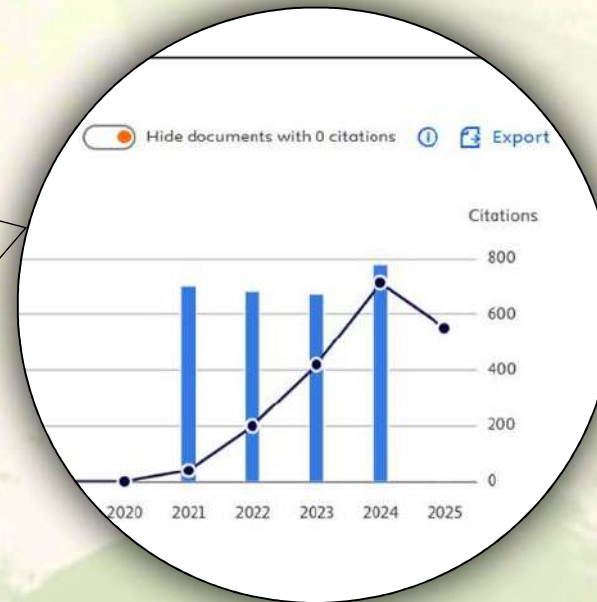
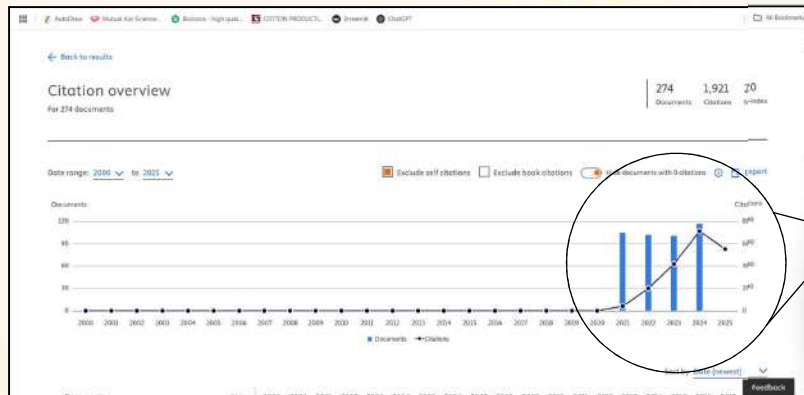
Developed **“Wood Identification AI Models”** album for three selected Indian timber species, Teak (*Tectona grandis* L.f.), Malabar neem (*Melia dubia* Cav.) and Ardu (*Ailanthus excelsa* Roxb.) in collaboration with Utar Malaysia.



88

## Financial Support to the High Rated Research Papers

A provision has been made to encourage researchers to publish their work in high NAAS rated or high-impact factor journals by **sponsoring research papers with a NAAS rating above 6.00**. This has increased number of research papers in quality journals and citation.



Revision in payment of publication charge in Research journal to authors (Scientist/Teacher/PG Guide) of NAU.

:: જાહેરનામું :: ૮૦૩

આથી સંબંધિત સર્વેને જાણ કરવામાં આવે છે કે, તા. ૦૧/૦૨/૨૦૨૨ ના રોજ નવસારી ખાતે મળેલ સંચાલક મંડળની ૪૬મી બેઠકની કાર્યનોંધ મુદ્દા નં. ૪૬.૧૮ થી નીચેની વિગતે ફરિયાદ કરેલ છે. જેનો અમલ તાત્કાલિક અસરથી કરવાનો રહેશે.

The Board of Management resolved that to approve revise payment publication charge in Research journal to authors (Scientist/Teacher/PG Guide) as below,

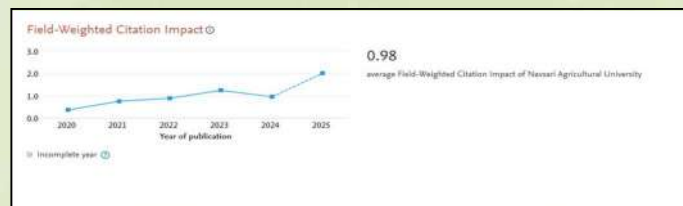
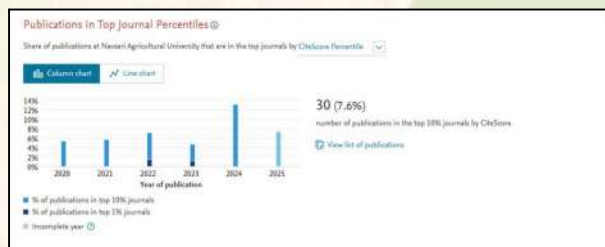
Sr. No.	NAAS Rating	Revised payment amount/actual publication charge whichever is less
1.	6.0 to 8.0	Rs. 10,000/-
2.	> 8.0 to 10.0	Rs. 25000/-
3.	> 10.0	Rs. 50000/-

જા.નં.નકલ/રજી/બેઠક/મીડ/૧૫/૧૦૧/૧૪/૨૦૨૨  
તા. ૧૪/૦૩/૨૦૨૨

કુલસચિવ  
નવસારી કૃષિ યુનિવર્સિટી  
નવસારી

નકલ સવિનય રવાના :  
૧. સંચાલક મંડળના તમામ સભ્યશ્રીઓ તરફ,  
૨. યુનિવર્સિટીના તમામ અધિકારીશ્રીઓ તરફ,  
૩. તમામ આચાર્યશ્રીઓ તરફ,  
૪. તમામ યુનિટ /ડેડ/ યુનિટ અધિકારીશ્રીઓ .

નકલ રવાના :  
૧. કુલપતિશ્રીના રહસ્ય સચિવશ્રી, નવસારી કૃષિ યુનિવર્સિટી, નવસારી.  
૨. કુલસચિવશ્રીના રહસ્ય સચિવશ્રી, નવસારી કૃષિ યુનિવર્સિટી, નવસારી.

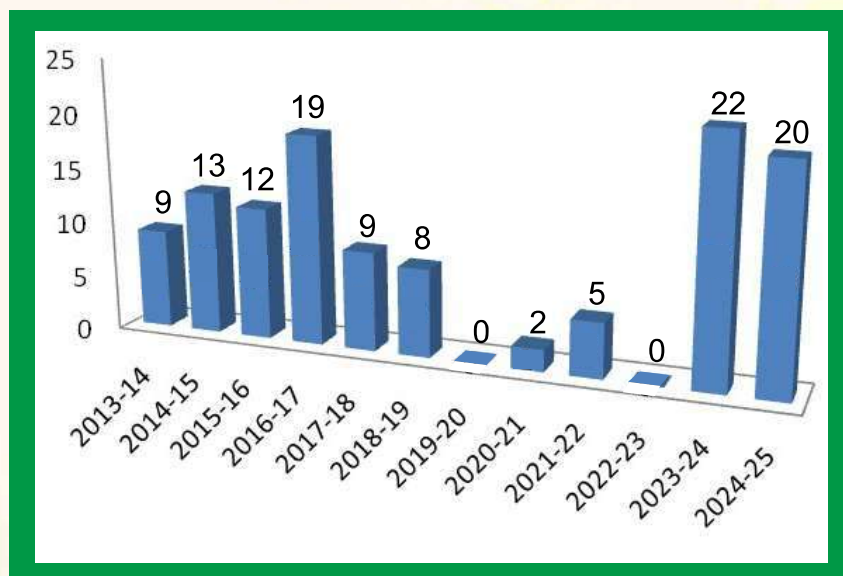




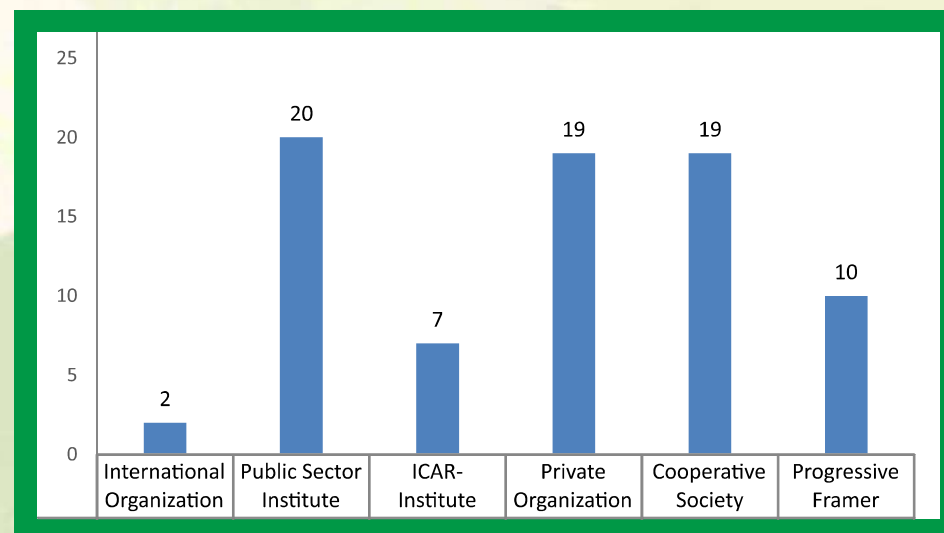
89

## Plan Schemes Received and MoUs Inked

- Received total **49 new plan schemes with 95 different positions** in last five years. The numbers of plan schemes received were increased significantly over the years.
- Inked total 77 MoUs by NAU, Navsari in last five years (October 2020-2025).



Number of new plan scheme received by the University since last 10 years.



Number of MoUs inked by NAU, Navsari (October 2020-2025)



# Transformation in Extension Education

(October - 2020 to October - 2025)





90.1

## Mega Krushi Mela- 2024

- A three-days Mega Krushi Mela jointly organized by NAU, Navsari and SASMIRA, Ministry of Textile, New Delhi during **December 21-23, 2024**.
- The Mega Krushi Mela was inaugurated by Hon. Union Minister for Jal Shakti, GoI, **Shri, C. R. Paatil** in the presence of Hon. Cabinet Minister, Agriculture, GoG, **Shri, Raghavjibhai H. Patel** on **December 21, 2024**.
- More than 7000 farmers attended the inaugural function of this mega krushi mela.





90.2

## Mega Krushi Mela- 2024 (Glimpses)



90.3

## Mega Krushi Mela- 2024 (Glimpses)





90.4

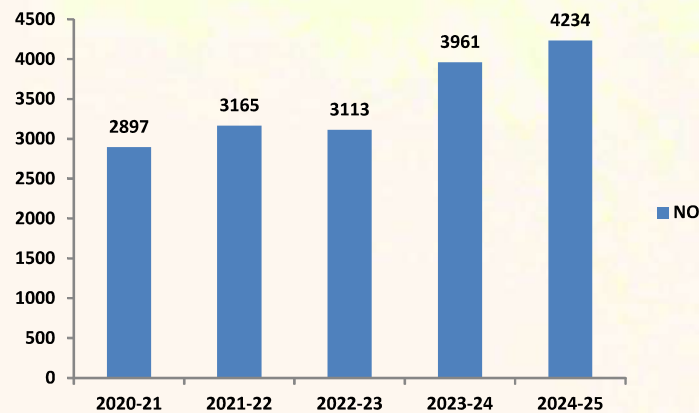
## Exhibition During the Krishi Mela

Three days exhibition during Krushi Mela was inaugurated by Hon. Union Minister for Jal Shakti, GoI, **Shri, C. R. Paatil** in the presence of Hon. Cabinet Minister, Agriculture, GoG, **Shri, Raghavjibhai H. Patel** on **December 21, 2024**. Total 40,000 visitors visited the krishi mela in three days.



91

## Extension Activities Organized for Farmers



Number of various activities organized for the farmers



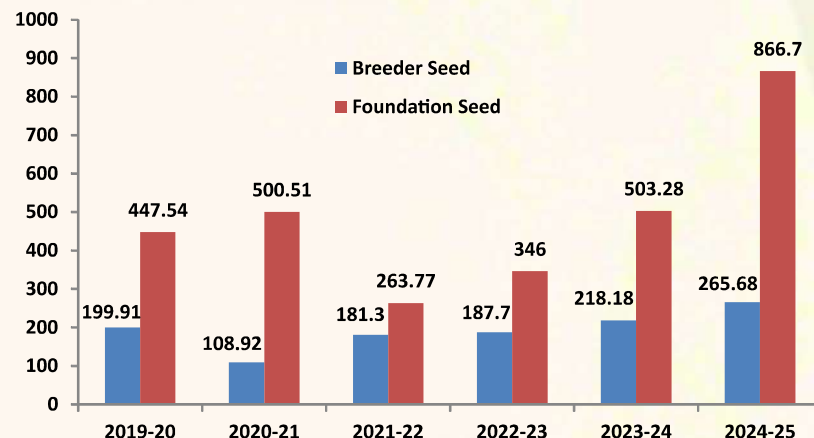
Number of farmers benefited by various activities of NAU, Navsari



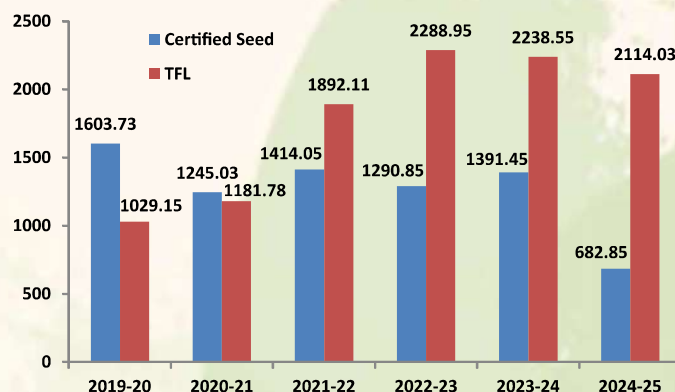
92

## Seed and Planting Materials Produced

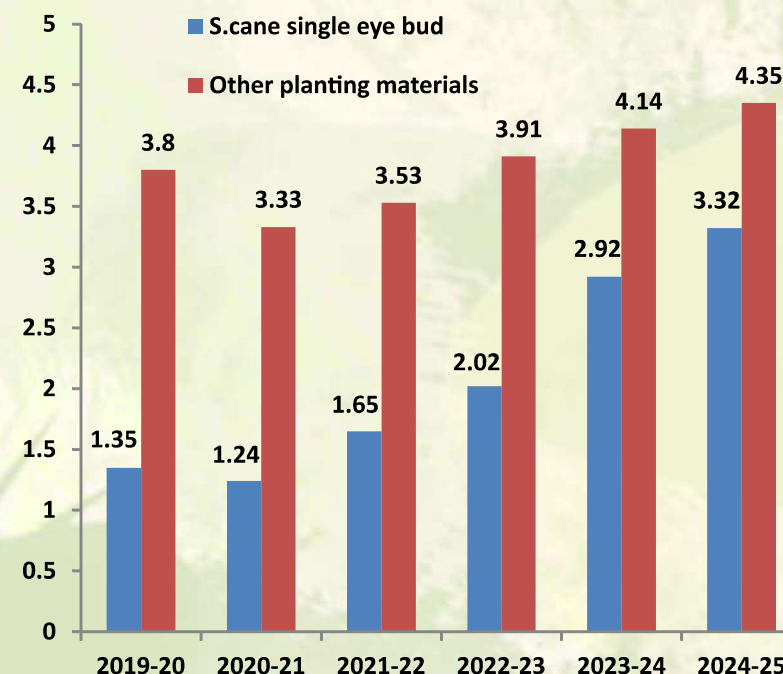
Produced and supplied quality seeds and planting materials to different stakeholders



Breeder and Foundation Seeds Produced in Quintals (2019-20 to 2024-25)



Certified and Truthful (TFL) Seeds Produced in Quintals (2019-20 to 2024-25)



Sugarcane Single Eye Bud and Other Planting Materials Produced in Lakh (2019-20 to 2024-25)

93

## Excellence Award for Farmer

Started **Excellence Award for Farmer (Male and Female)** from 2023 onwards. The award contains a certificate and ₹ 25000/- cash.

Sr. No.	Name of the farmer	Village and address	Year of award	Specialties
1	Shri Kishorbhai Rahubhai Gavit	Mokhamal, Ta.Subir, Dist: Dangs	2023	Maintain own Seed Bank for 135 Indigenous Varieties of Paddy
2	Smt. Asmitaben Ashokbhai Patel	Soldhara, Ta.Chikhli Dist.Navasari	2023	Beekeeping Farming business spread over 7 states of the country
3	Shri Jigar Pravinbhai Desai	"AJAJI" Farm, Shiker, Ta. Valod, Dist. Surat	2024	Natural / Organic Farming
4	Smt. Sharmilaben Harisingbhai Chaudhri	Gamtalav- khurd Ta: Mandvi, Dist: Surat	2024	Value addition in Organic spices and condiments packing and selling





94

## Excellence Award for Extension Educationist

Started “**Excellence Award for Extension Educationist**” from 2023 onwards.

The award contains a certificate and ₹25000/- cash.



નવસારી કૃષિ યુનિવર્સિટી ના વૈજ્ઞાનિકને Best  
Extension Scientist Award આપવા બાબત...

જાહેરનામું  
નં. ૮૫૪/૨૦૨૩

આમી સંબંધિત સર્વેને જાણ કરવામાં આવે છે કે , તા.૩૦/૧૨/૨૦૨૨ના રોજ નવસારી ખાતે મળેલ સંચાલક મંડળની ૪૮મી બેઠકની કાર્યવાહીના મુદ્દા નંબર ૪૮.૧૧થી નીચે મુજબ ફાવવામાં આવેલ છે.

“આમી ફાવવામાં આવે છે કે , નવસારી કૃષિ યુનિવર્સિટી દ્વારા દર વર્ષે એક વૈજ્ઞાનિકને Best Extension Scientist Award આપવા માટે પરિશિષ્ટ- ૨માં દર્શાવ્યા મુજબ ના નિષ્પત્તિ, કોર્સવર્ક અને સર્ટીફિકેટ મંજૂર રાખવામાં આવે છે અને તેમાં જરૂર જણાવે સુધારા વધારા કરવા અંગેની સત્તા કુલપતિશ્રીને આપવા સાથે, એવોર્ડ આપવાનું શરૂ કરવા માટે સંચાલક મંડળ દ્વારા મંજૂરી આપવામાં આવે છે.” (Appendix-48.11(i)).

જા.નં. નકુ/વિશિષ્ટ/ટી-૧/સં.મં/૪૮.૧૧/વેન-૩૩/૨૦૨૩  
નવસારી તા.૧૩/૦૧/૨૦૨૩

વિસ્તરણ શિલ્પ નિયામક  
નવસારી કૃષિ યુનિવર્સિટી  
નવસારી

### નકલ સવિનય રવાના પ્રતિ :

૧. સંચાલક મંડળના સર્વે સભ્યશ્રીઓ તરફ જાણ સારું.
૨. વિસ્તરણ શિલ્પ પરિષદના સર્વે સભ્યશ્રીઓ તરફ જાણ સારું.
૩. યુનિવર્સિટીના તમામ અધિકારીશ્રીઓ તરફ જાણ સારું.

### નકલ જયભારત સહ રવાના પ્રતિ :

૧. માન. કુલપતિશ્રીના રહસ્ય સચિવશ્રી, નવસારી કૃષિ યુનિવર્સિટી, નવસારી તરફ જાણ સારું.
૨. કુલસચિવશ્રીના રહસ્ય સચિવશ્રી, નવસારી કૃષિ યુનિવર્સિટી, નવસારી તરફ જાણ સારું.
૩. કુલસચિવશ્રીની કચેરીમાં બોર્ડ ઓફ મેનેજમેન્ટ સાથા તરફ (૫ નકલમાં) જાણ સારું.
૪. યુનિવર્સિટી લેટલની તમામ યુનિટ/સબ યુનિટ કચેરીઓના વડાશ્રીઓ તરફ જાણ તથા અમલ થવા સારું.

95

## PG Certificate Course on FPO

Pioneered the first of its kind in the country PG Certificate Course on **“Farmer Producer Organizations”** (FPOs) in 2023. First batch of 35 students have been successfully trained & conferred PGCFPO.





96

## Nodal Training Institute for Agri-Clinics and Agri-Business Centres

Got recognition as Nodal Training institute (NTI) for the **“Agri-Clinics and Agri-Business Centres”** (AC&ABC), a flagship scheme of Ministry of Agriculture & Farmers Welfare implemented by MANAGE, Hyderabad in 2021.



Training Particulars	No of beneficiaries
45 Days Residential training (two)	40
3-Days National RTPs (two)	69
Success Stories	14





97

## Celebrated International Year of Millets-2023



Month	Activities/Programme organized	LEVEL		
		District	Tehsil/block	Gram Panchayat
Jan	Millet Kissan Ghoshitis / Awareness Campaign/ Millets Corner in KVKs / Millets festivals / Millets sate holders Meet		V	V
Feb	Millet Food festival (Value addition Stall as well as awareness about Nutritional Security)	V	V	V
March	Millet Kissan Ghoshitis/ Awareness Campaign/ Millets Corner in KVKs / Millets festivals	V	V	V
April	Millet Kissan Ghoshitis/ Awareness Campaign/ Millets Corner in KVKs / Millets festivals		V	
May	Millets Demonstrations and Kit distribution			V
June	Millets Demonstrations and Kit distribution			V
July	Millets Demonstrations and Kit distribution			V
August	Millets Field Day -Visit		V	V
September	Millets Field Day -Visit		V	V
October	'Millet Krushi Mela' (As Above)	V	V	
November	Millet Road shows with School Children's, Millets Rally		V	V
December	Millets Awareness programmes / Campaign		V	V



**Finger Millet – CFMV 2 (Gira) variety released by Hon'ble Prime Minister on the occasion of World Food Day – 16<sup>th</sup> Oct 2020**



98

## Cluster Development Under Floriculture Mission

Developed cluster under the **“Floriculture Mission for South Gujarat”** to support farmers by providing technical guidance and demonstrating the economic benefits; with the collaboration of BAIF Development Research Foundation, Pune and Aga Khan Foundation, New Delhi.





99

## QR Code Technology Display Board

New generation transfer of technology **“QR Code Technology Display Board”** were prepared and displayed at all the KVKs and other centers of NAU, Navsari on World Food Day October 16, 2023.





100

## Sendriya Bazar for the Natural Farm Produce February 17, 2021

- **Provided direct marketing platform for natural or organic farm products (Sendriya Bazar) in the Navsari city in coordination with District Administrations.**
- Inaugurated market outside the NAU, Navsari campus on February 17, 2021 in the presence of Smt. Prashasti Pareek, DDO, Navsari and other officers.





101

## Established Publication Cell

A dedicated **“Publication Cell”** was established in 2021. Six Monthly News Bulletin Spectrum was started publishing quarterly.





102

## Awards and Achievements of Farmers of South Gujarat

Contribution and hard work of farmers of the South Gujarat is being recognizing by the award at national level. More than 20 farmers have received different awards in last five years including **Padma Shree and Nari Shakti Samman by the Hon President and Hon Prime Minister**



Smt. Vasava Ushaben D. received  
"Nari Shakti Puraskar-2020"  
on March 8, 2022.



Mrs. Ramilaben R. Gamit,  
farmer received Padmashri in 2022



# Milestones in Finance and Accounts

(October - 2020 to October - 2025)





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## CSR and Other Fund

- Obtained **Corporate Social Responsibility (CSR)** activities registration and certificate to receive **donation under section 80 G** for the income tax exception.
- Received grant of **₹ 3 crore** from **ASPEE Group of Companies** and **ASPEE Charitable Trust, Mumbai** for the construction of an auditorium with a capacity of approximately 1100 seats on April 04, 2024.
- Received fund of **₹ 23,86,000/-** from **SBI, India** on September 11, 2024.
- Received grant for **80 computers** from **SBI, India** on **July 08, 2025**.

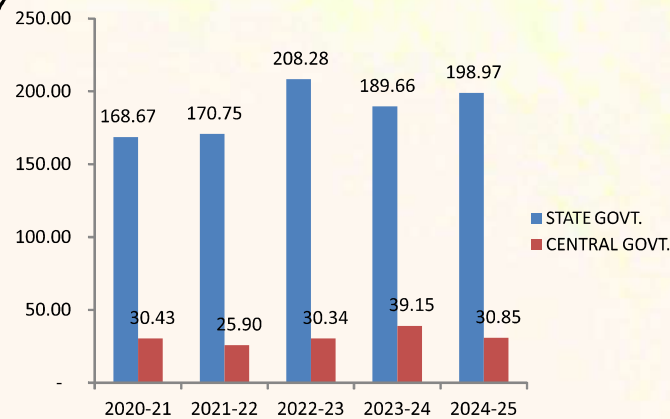




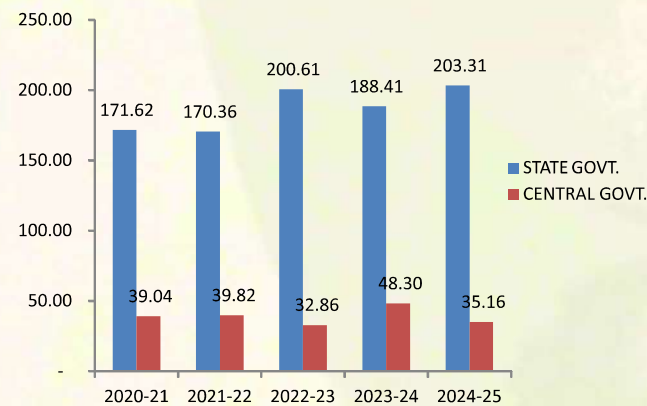


104

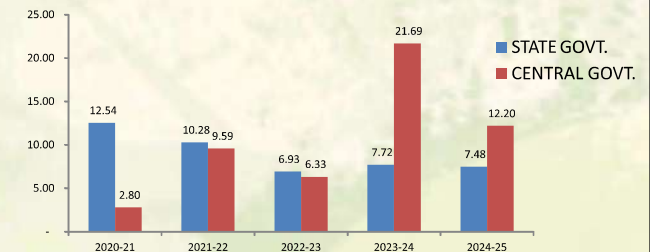
## Budget of Last Five Years (2020-21 to 2024-25)



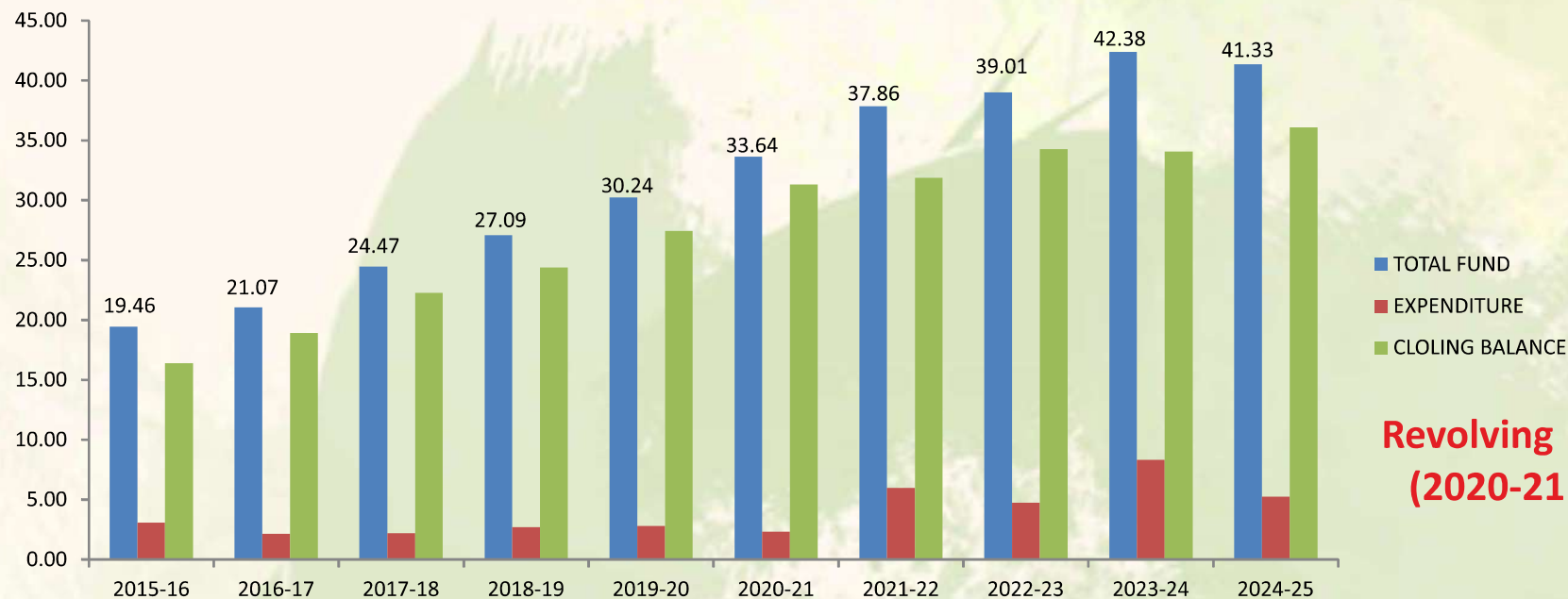
Grant received in crore (2020-21 to 2024-25)



Expenditure in crore (2020-21 to 2024-25)



Receipt in crore (2020-21 to 2024-25)

Revolving Fund in crore  
(2020-21 to 2024-25)



# Transformation in Information Technology

(October - 2020 to October - 2025)





105

## Underground Fibre Optic Cable Network (12 Km) and Server Room

- Installed and inaugurated **“UNDERGROUND FIBRE OPTIC CABLE NETWORK (12 km)”** at Main Campus of NAU, Navsari on August 31, 2024.
- It ensures continued internet throughout the campus as the cable will not be damaged due to any of the natural calamities and other human errors.
- A dedicated server room with all the modern facilities was also inaugurated to operate and monitor all the online activities.



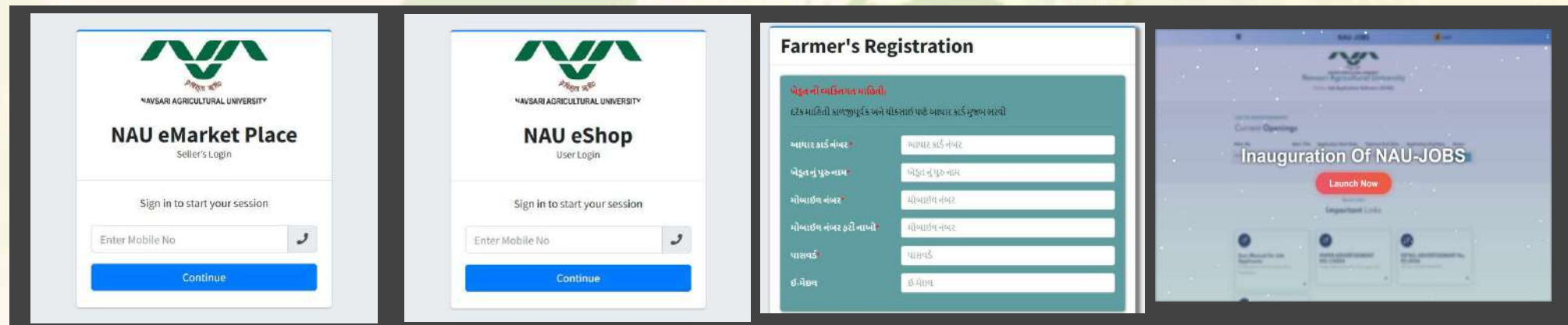


106

## Strengthened IT Facilities

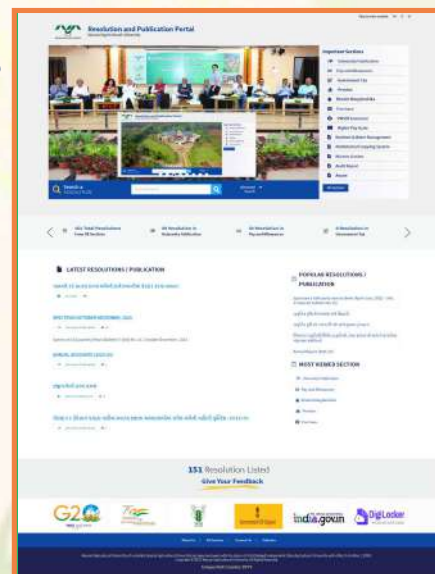


- Initiated digitization drive for strategic transformation of traditional, paper-based systems into digital formats to improve operational efficiency, ensure transparent governance, and enhance ease of access to data and services to remain relevant, efficient, and user-friendly.
- 57 different apps were prepared and brought under one roof of SSO facilities.



107

## Digitization Drive



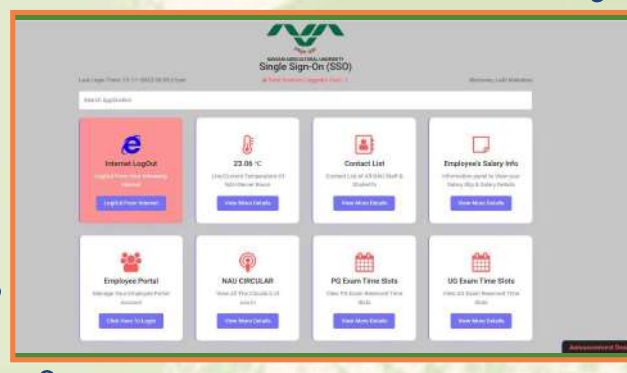
Launch of QR Code



Jeevan Pramaan: Life Certificate for Pensioners



Personalized Social Media Site "NAVSAGAR"



Single Window Operating System





108

## NAU E-Waste & IT Policy 2024: Promoting Circular Economy Practices

- As a part of the circular economy, which emphasizes resource efficiency through sharing, leasing, reusing, repairing, refurbishing, and recycling of materials, **NAU has formulated its E-Waste Policy 2024.**
- **NAU IT Policy 2024** was also prepared.
- NAU E-Waste Policy 2024 and NAU IT Policy 2024 have been approved by the BoM, NAU, and will remain valid for next five years.





# Milestones in Employee Welfare

(October - 2020 to October - 2025)





109

## Employee, Students and Labour Welfare

Sr. No.	Particulars	Position of before October 2020 (₹)	Present situation (October 2025) (₹)
1	Girls fellowship (Per Month)	500.00	3000.00
2	PG fellowship (Per Month)	1200.00	5000.00
3	Ph.D. fellowship (Per Month)	1500.00	5000.00
4	Wages of labours (Per Day)	178.00	399.00
5	Unskilled labours (Per Day)	324.50	486.50
6	Semiskilled labours (Per Day)	332.50	497.50
7	Skilled labours (Per Day)	340.50	507.50
8	Casual drivers (Per Month)	9940.00	15000.00



Sr. No.	Particulars	Position of before October 2020	Present situation (October 2025)
1	Dr. M.P. Vadodaria	Retired in August 2007	Pension was fixed in 2021
2	Mr. Kishanbhai C. Naika (Lab boy)	Issues of services benefits was pending since last 10 years	Resolved the issues and paid benefits of Rs. 70.94
3	Mr. Navinchandra D. Lad (Lab boy)		
4	Mr. Bhupendrakumar S. Patel (Lab boy)		
5	Mr. Ghanshyambhai N. Chaudhary (Mali)		
6	Medical Benefits to the employees of SAUs of Gujarat	Pending since 2011	Amended (statutes for reimbursement)
7	Retirement benefits in the case of untimely demise during services.	No such provision was available	Benefits of Old Pension Scheme (OPS) were give to survival of Late Dr. Sanjeev Kumar



110

## Recruitments and Promotions

- Thanks giving ceremony was organized in NAU, Navsari and expressed thanks to **Shri, Raghavjibhai Patel, Hon. Minister of Agriculture** on August 09, 2024 for CAS promotion.



Sr. No.	Name of position	No of posts
1	Director of Research & Dean PGS	1
2	Director of Extension Education	1
3	Principal (Agriculture)	3
4	Principal (Horticulture)	1
5	Professors	24
6	Associate Professors	52
7	Assistant Professors	33
	<b>Total</b>	<b>118</b>

Sr. No.	Stage	No of beneficiaries
1	Stage I to II	210
2	Stage II to III	204
3	Stage III to IV	82
4	Stage IV to V	75
	<b>Total</b>	<b>571</b>





111

## Visit of the Members of Board of Management

- **Encouraged and facilitated member of Boards of Management to personally visit** the different developmental work at different locations to witness, guide and encourage.





112

## Sports for all the Staff Members

- Organizing regular tournament for **all the staff members including casual and adhoc staff** to create healthy environment.





# Automobile and Infrastructure Development

(October - 2020 to October - 2025)





113

## Vehicles Purchased (Total 25 Four Wheelers)

- Purchased 25 four Vehicles (Bus, Innova, Bolero, Ertiga, Tractor, Utility Vehicle, etc.) of worth ₹ 3.00 crore for different units and farms.





114

## Boundary Wall around University Premises (17.00 KM Long)

- Protected main campus and other sub centres by constructing boundary wall which was pending since inception.

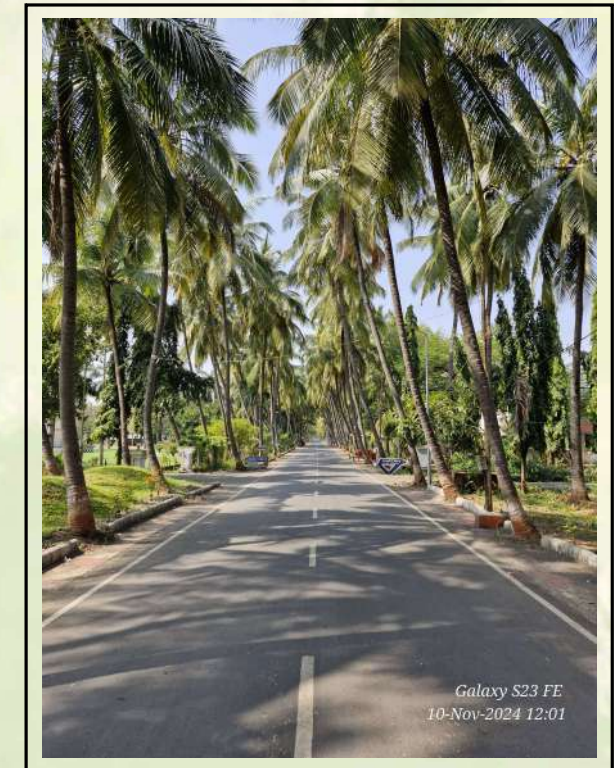
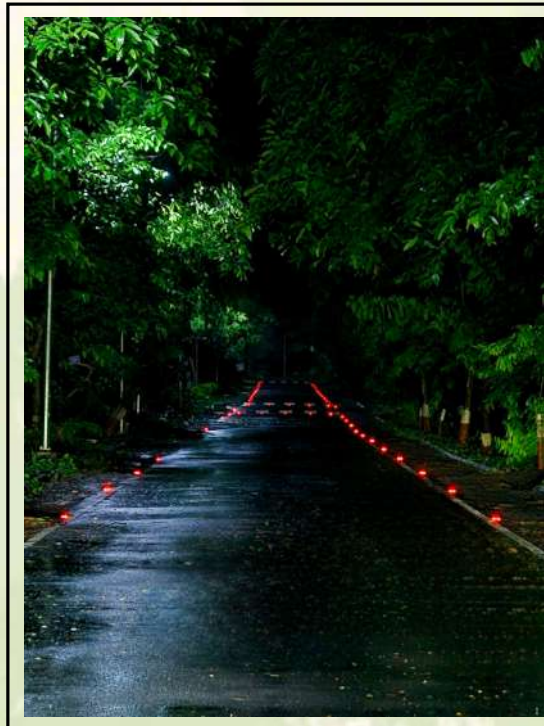




115

## Roads and Lights : Not Just for the Safe Journey, it is Symbol of Prosperity

- All the roads of campus and farm of 17 km were repaired, marked and cats eyes (retroreflective safety device) were installed at regular place.
- Additionally, installed 330 new LED street lights at the main campus.





116.1

## Infrastructure Development (Completed)



Completed 10 projects of more than ₹ 10.69 crore in last five years. Most of the projects are at sub centres.



Main Entry Gate at Navsari



Boys Hostel at Waghai



Kulpati Bhavan at Navsari



Seed Storage Godown at Waghai



Office Cum Laboratory at Tanchha



Kulpati Office at Navsari

116.2

## Infrastructure Development (Completed)

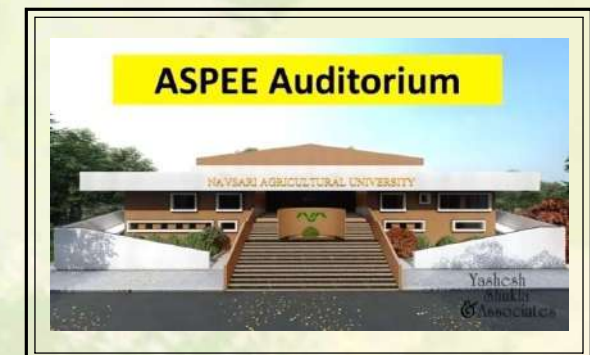




117

## Infrastructure Development (Under Progress)

More than ₹ 48.82 crore, 19 infrastructure development work is under progress and will be completed soon.





## आराध्य देव प्रभु रामजी के श्रीचरणों में



Donated ₹ 1,11,111/- for the Ram Mandir in Ayodhya





## Glimpse of Coffee table book covering research accomplishment of Dr. Z. P. Patel

by the farmers and buried in the pits with application of malathion dust to minimize further multiplication of fruit fly. About 6000 booklets were disbursed to the farmers while flex banners were displayed in the target villages. Data on fruit fly catches and infestation were recorded regularly in the target area.

The project involved an investment of ₹ 7.86 crores funded through RKVY.

### Outcome

By installing the fruit fly traps in a wide area it was possible to successfully bring down the infestation level to 3 to 4 percent, which meant 85 percent control of the pest. Using this technology, the fruit fly damage in mango orchards minimised to 3.06 (0 to 4) percent and the damage in untreated orchards was 30.34 (30 to 35) percent. Thus, more than 85.0 percent damage due to fruit fly was reduced which resulted in increase of 27.27 percent yield.

Moreover, being an eco friendly approach, it was possible to certify the produce as organic. Thus, the quality of a large quantity of fruits and vegetables improved making them suitable for export. Low expenditure incurred on the control of fruit fly could motivate the growers and possibly enhance the sustainability of the technology demonstrated. The area wide adoption of fruit fly traps could effectively kill the male flies and thereby check further multiplication without disturbing the ecosystem. If such technology is adopted for a considerable time it would definitely be helpful in recognizing the area as PFA (Pest Free Area) and ultimately it will help boosting the export trade.

Fruit Flies trapped in Fruit Fly Trap



About 15339 farmers of all categories as well as free riders of six talukas in two districts could save about ₹ 35 crores every year by controlling fruit flies in mango, sapota and cucurbitaceous vegetables. The quality of the products, increase in production and goodwill generated in terms of healthy production ultimately benefited the farmers adopting this technology. Area wide control strategy is not known in our country. Therefore, farmers could also ascertain the actual benefits of adopting such technology which will further motivate them in future.

The effectiveness of low cost IPM technology in controlling infestation of fruit fly disseminated through the RKVY project has brought tremendous behavioral changes in the attitude of fruits and vegetable farmers. Now farmers have adopted this technology which has resulted in export oriented organic production of fruits and vegetables.

In terms of cost-benefit analysis, an estimated benefit of ₹ 81,840/ha is achieved by spending merely ₹ 350/ha. Thus, implementation of fruit fly technology in over 6000 ha of mango could have benefited the farmers to the tune of about ₹ 49 crore, while in case of cucurbitaceous vegetables, the fruit fly damage was minimised up to 2.5 to 4.6 percent by using the technology while the damage was 19 to 32 (30.50) percent in untreated fields. Thus, more than 85.0 percent damage due to fruit fly was reduced resulting in yield increase of 27 percent. Ultimately an estimated benefit of ₹ 26,250/ha in bitter gourd and ₹ 39,350/ha in bottle gourd was attained by spending only ₹ 550/ha. Thus, implementation of fruit fly technology in over 447 ha of cucurbitaceous vegetables crops benefited the farmers to the tune of ₹ 1 crore.

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Incentivising  
Agriculture  
RKVY Initiatives



## About The Vice Chancellor...

**Dr. Z.P. Patel, Vice Chancellor of Navsari Agricultural University, Navsari** was born in a small Village, **Kesali** of **Gandevi** in Navsari district in a poor freedom fighter family on **May 01, 1957**.

Dr. Z.P. Patel, did his **graduation in Zoology** from South Gujarat University, Surat in **1978**, **Masters in Agricultural Entomology** from N.M. College of Agriculture, Navsari in **1982** and **Ph.D. in Agricultural Entomology** from B.A. College of Agriculture, Anand in **1994**.

He has begun his career as a **daily wages labour** and reached to the position of Vice-Chancellor of the Navsari Agricultural University. He possessed **42 years of experience** in Research, Education, Extension & Administration and **26 years hands-on experience in Tribal belt**. He had Major research contributions in the Pest Management and has research achievements in fruits and vegetable crops. He developed and commercialized **"Nauroji Stonehouse Fruit Fly Trap"** and managed the nuisance of fruit fly in fruits and vegetables in South Gujarat for which he is aptly know as "Man of Fruit Fly" among the farmers. He also credited for preparation of **Crop Pest Map in Sapota; first time record of Sapota Seed/Fruit Borer in word** and **Bio-Control of Sugarcane Pyrilla** in Gujarat. He was pioneer in establishment of **Food Quality Testing Laboratory** at Navsari and founder **Principal** of College of Agriculture, Waghai and served for seven years. He developed state of art infrastructures and facilities on the neglected piece of barren land in the tribal area of Waghai in Dang district.

He has guided **17 PG students** in Agricultural Entomology as Major advisor and before joining as Vice Chancellor 47 research papers, 03 books has in his credit and 04 projects completed as Principle Investigator and 06 projects initiated as Principal.

He is a proud recipient of the most coveted Research Excellence Awards from two consecutive Hon. Chief Ministers of Gujarat State **(i) First by Shri Keshubhai Patel during 2000 (Sardar Patel Agricultural Research Award, GoG) (ii) Shri Narendrabhai Modi in 2012 (Federation of Gujarat Industries Award)**.

Other achievement includes Publication of success story **"Integrated Pest Management for Higher Fruit Production"** of RKVY in **"Coffee Table Book"** a publication of Gol in 2012. He also has foreign exposure as attended 25 days international training at **Israel** and delivered lecture in **UC Davis University of California, USA**.

His rich scientific legacy and commitment for the farmers led him to become Vice Chancellor of Navsari Agricultural University, Navsari and his transformative initiatives as a Vice Chancellor is presented here in this book.

**(Publisher)**





BOOK POST

TO

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