



JUNAGADH AGRICULTURAL UNIVERSITY

JUNAGADH - 362 001

TWENTIETH ANNUAL REPORT FOR THE YEAR 2023-24

Name of the officer under whose direction the Annual Report is prepared	:	Dr. V. P. Chovatia Vice Chancellor, Junagadh Agricultural University, Junagadh
Authority under which the Annual Report is prepared	:	Section 49 of the Gujarat Agricultural Universities Act-2004
Signature of the officer preparing the Annual Report	:	Registrar, Junagadh Agricultural University, Junagadh

The Board of Management in its 65th the Meeting held on 10/01/2025 has approved the Twentieth Annual Report vide item No. 65.5 of the said meeting and resolved as under:

Item No. 65.5 Approval of Twentieth Annual Report of the Junagadh Agricultural University

“Resolved that the Twentieth Annual Report of the Junagadh Agricultural University for the year 2023-24 (Dt. 01.04.2023 to 31.03.2024) under the provision of Section-49 of the Gujarat Agricultural Universities Act-2004 is considered and approved.”

(Y. H. Ghelani)
REGISTRAR

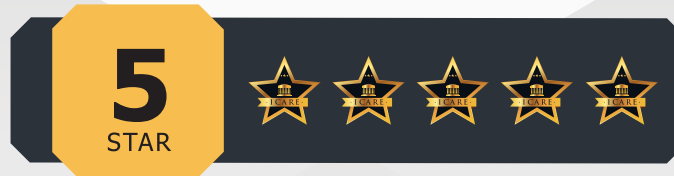
JUNAGADH AGRICULTURAL UNIVERSITY
JUNAGADH





The Executive Committee of the **Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat** on the recommendation of the duly appointed agency, the Indian Centre for Academic Rankings and Excellence (**ICARE**) has rated

Junagadh Agricultural University



as a **5 Star** Institution in the category of **'University'** on the basis of comprehensive performance metrics as set out in the **Gujarat State Institutional Ratings Framework (GSIRF)** on the 28th February 2023.



BY ORDER

SJ Haider IAS
Principal Secretary
Higher & Technical Education
Government of Gujarat

M Nagarajan IAS
Commissioner
Higher Education
Government of Gujarat

Prof AU Patel
Advisor
Knowledge Consortium of Gujarat
Government of Gujarat

Dr Karthick Sridhar
Vice Chairman
Indian Centre for Academic
Rankings and Excellence

VALID UPTO 31st May 2023



JUNAGADH AGRICULTURAL UNIVERSITY JUNAGADH - 362 001

From VC's Desk



Agricultural education, research, and extension play a pivotal role in addressing the challenges of promoting sustainability, ensuring food security, and contributing to the overall socio-economic development of the country. Universities, as bastions of knowledge creation, dissemination, and practical application, are instrumental in this endeavour. They serve as crucibles where the intellectual growth and critical thinking of future leaders, professionals, and innovators are fostered. In line with this mission, Junagadh Agricultural University has been diligently fulfilling its mandate, making noteworthy contributions to these crucial causes. It is with great pleasure that we present the 20th Annual Report of Junagadh Agricultural University, Junagadh, highlighting the comprehensive overview of the activities undertaken and progress made by the University during the 2023-24 academic year.

The University is keen to serve as a temple to nurture and groom new talents for the service of agriculture. Large number of applications were received for the admission in the reporting year a total of 920 students were admitted and 712 passed out at UG, PG, PhD and Polytechnic level. In addition to academic pursuits, the University offers a diverse platform for the holistic development of students, encircling activities such as sports, cultural events, NSS, health, and adventure pursuits. JAU students have demonstrated remarkable reciprocity by showcasing excellence not only in academic achievements but also in a wide array of co-curricular activities.

The University's jurisdiction extends across ten districts within the Saurashtra region, and it operates thirty-one research stations distributed across four Agro-climatic Zones. These research stations are conducting need-based, focused, and multidisciplinary research, contributing significantly to the advancement of agriculture. During the reporting year, as a result of determined efforts of scientists 34 farmers' recommendations and 28 scientific recommendations were emerged out with five varieties viz. Groundnut (GG 101, GG 24 and GG 42), Pigeonpea (GT 111) and Endorsement of Pearl Millet Hybrid (GHB 1294) were released. There are total 578 ongoing research experiments being conducted in the University. University produced large amount of quality nucleus/breeder, truthful, foundation and certified seeds as well as planting materials and supplied to the farmers at reasonable price. Furthermore, University has actively served the farming community through the production and distribution of bio-agents, pheromone traps, bio-pesticides, soil and water testing, farm machinery testing and food testing through NABL accredited laboratory.

Dissemination of new technologies occurred through expert-led training sessions, front line demonstrations were done through extension efforts, facilitated by Krishi Vigyan Kendras (KVKs), research stations, and departments. Various extension programs, including ARYA, MGMG, CoC, FFP, NICRA, School of Baking, Sardar Smriti Kendra, Input Dealers' Training, TV/Radio talks, University's community radio station and Kishan Melas have provided effective support and services to farmers, farmwomen, youth, and extension personnel.

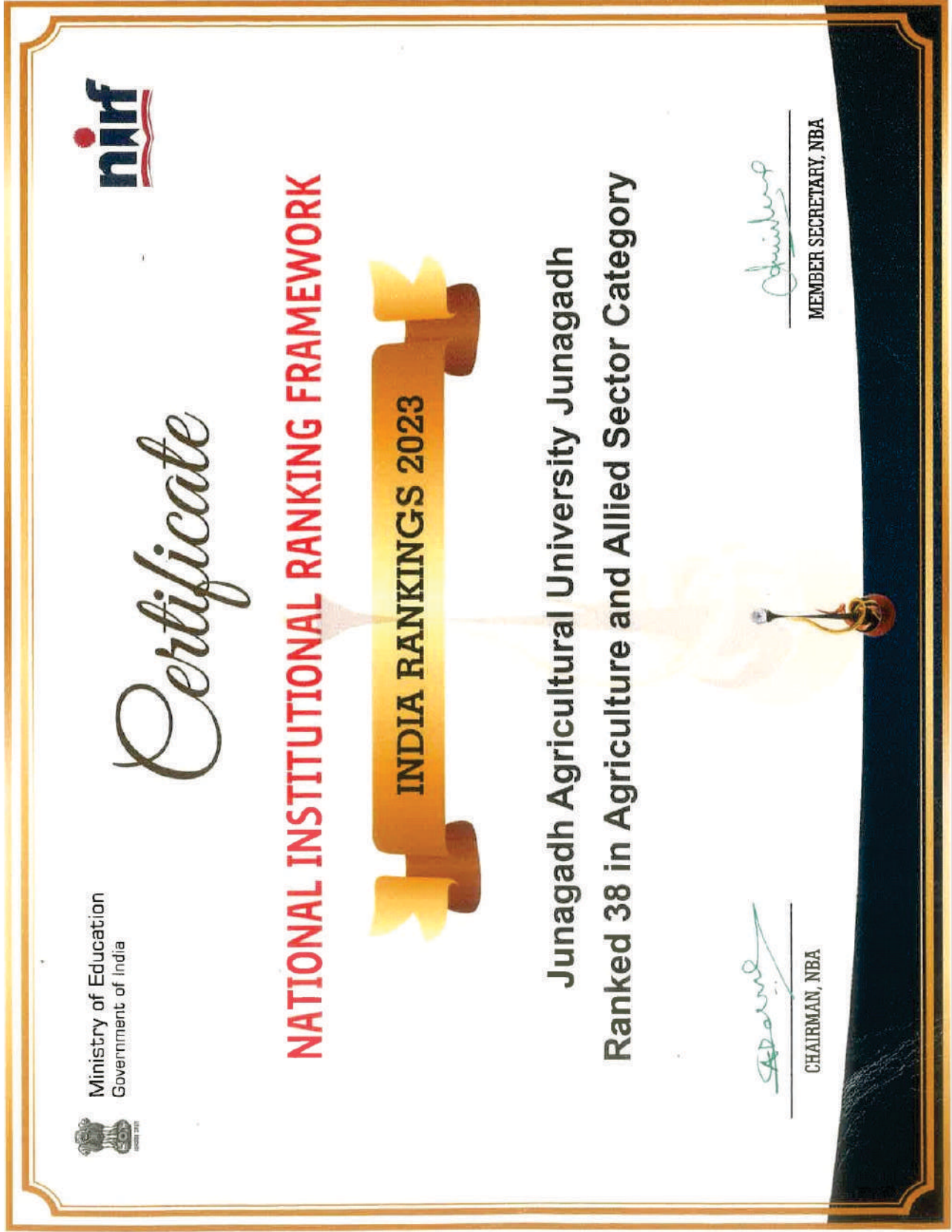
The unwavering dedication of the faculty and staff, supported by the State and Central Governments, ICAR, and other funding agencies, is evident in this report. The university remains committed to reaching new heights in research, education, and extension for the prosperity of Indian agriculture.

Junagadh
Date: - September 30, 2024



(V. P. Chovatia)
VICE CHANCELLOR







JUNAGADH AGRICULTURAL UNIVERSITY
JUNAGADH - 362 001

TWENTIETH ANNUAL REPORT FOR THE YEAR
2023-24

[1st April, 2023 to 31st March, 2024]

Contents

No.	Particular	Page No.
1	Introduction	1
2	University Management and Administration	9
3	Education	21
4	Research	31
5	Extension Education	75
6	Students' Welfare	117
7	University Library & Information Technology	193
8	Finance and Accounts	203
9	Estate Management	207
10	Other Activities	211





Appendices

No.	Particular	Page No.
I	List of thesis submitted	219
II	List of research papers published	233
III	Details of University schemes	249
IV	List of Seminars, Symposia, Conferences organized	282
V	List of University teachers who participated in Seminars, Symposia, Conferences and training programmes organised by the other Institutions	283
VI	Names and details of the dignitaries visited	327
VII	Civil works completed	329
VIII	Civil works on hand	330
IX	Awards received by JAU, Junagadh	331

