



DISCOVERING JAU

A CONCISE GUIDE

JUNAGADH AGRICULTURAL UNIVERSITY, JUNAGADH (GUJARAT) -362001,
Website:-www.jau.in

Mandate:

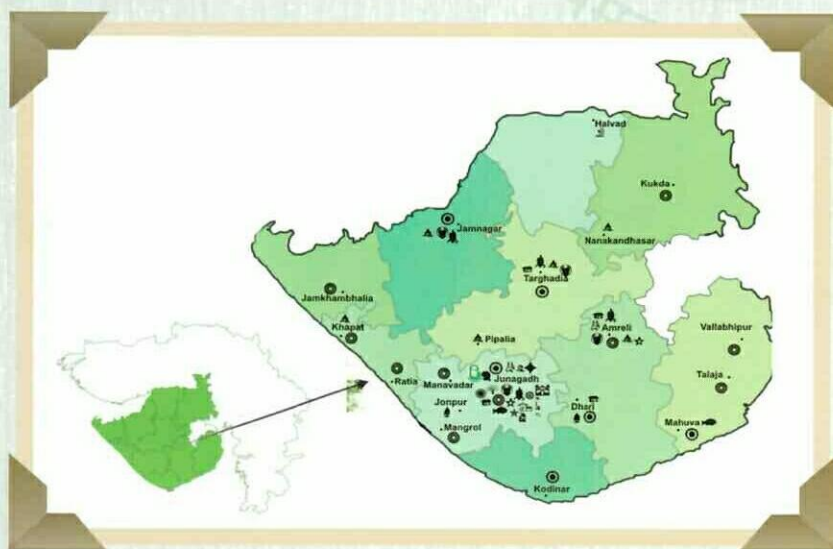
- Planning, execution, promotion, co-operation, monitoring & evaluation of research and its application in agriculture, horticulture, agricultural engineering, animal husbandry, dairy and fishery sciences.
- To develop skill/quality/qualification of rural youth through agricultural education in different faculties of agricultural and allied sectors.
- To promote, undertake and provide services in the field of research, training and education, dissemination of technological know-how to farming community and extension agencies through extension education.



College of Agriculture, Sardarbaug, Junagadh (1960)

Notable Milestones in the History:-

1852	Fruit Research Station, Mahuva
1920	Cattle Breeding Farm, Junagadh
1956	Main Oilseeds Research Station, Junagadh
1960	College of Agriculture, Sardarbaug, Junagadh under Gujarat University, Ahmedabad
1972	Gujarat Agricultural University
1984	College of Agricultural Engineering & Technology, Junagadh
1991	College of Fisheries Science, Veraval
2004	Inception of Junagadh Agricultural University on 1 st May, 2004 by bifurcation of GAU by Gujarat Agricultural University Act-2004.



Jurisdiction: -

Ten districts of Saurashtra region of Gujarat State, Covering 32.82 per cent (6.43 million ha) area of Gujarat (19.60 million ha).

Districts

- Junagadh
- Bhavnagar
- Rajkot
- Surendranagar
- Jamnagar
- Gir Somnath
- Porbandar
- Morbi
- Amreli
- Devbhoomi Dwarka

Agroclimatic Zones

- VI, VII and part of zone V & VIII.

- Head Quarter of University
- Regional Research Station
- Main Research Station
- All India Co-ordinated Research Project
- National Agricultural Research Project
- Agricultural Research Station

- Cattle Breeding Farm
- College of Agriculture
- College of Agril. Engineering
- College of Horticulture
- PGIABM
- Extension Education Programme
- Krishi Vigyan Kendra

- Polytechnic
- Diploma School
- Agro - Forestry
- Bakery School
- Agriculture Technology Information Center
- Center of Excellence for Soil & Water
- Center of Communication Network Project

EDUCATIONAL PROGRAMMES OFFERED

Under Graduate Programmes:

Degree offered	College	Inception	Intake
B.Sc. (Hons.) Agriculture	College of Agriculture, Junagadh	1960	167
	College of Agriculture, Motabhandariya (Amreli)	2013	87
	ASPEE College of Agriculture, Khapat (Porbandar)	2016	64
B.Sc. (Hons.) Horticulture	College of Horticulture, Junagadh	2012	96
B.Tech. (Agril.Engg.)	College of Agricultural Engineering and Technology, Junagadh	1984	107

Post Graduate/ Ph.D. Programmes

Degree Offered	Disciplines	Intake
Master of Science/ Ph.D. in Agriculture	12	Masters :-106 Ph.D:-43
Master of Science/ Ph.D. in Horticulture	03	Masters :-12 Ph.D:-04
Master of Technology/ Ph.D. in Agril. Engineering & Technology	05	Masters :-41 Ph.D:-19
MBA/ Ph.D. in Agri-business Management	01	Masters :-38 Ph.D:-05

Polytechnic Programmes:

Polytechnics	Inception	Intake
Agriculture, Dhari	2008	44
Agriculture, Halvad	2018	33
Agriculture, Sidsar	2018	33
Horticulture, Junagadh	2009	44
Agro-Processing, Junagadh	2009	44
Agril. Engg., Targhadia	2013	44



Degree offered	Passed Out			
	Polytechnic	UG	Master	Ph.D.
Agriculture	423	1939	1318	288
Horticulture	307	316	156	21
Agril. Engg. and Tech.	454	1170	252	36
MBA in ABM	-	-	288	7

Accreditation and Ranking



- Accredited by Indian Council of Agricultural Research from March 2021 to March 2026.
- Rated Five Star in 2021-22 and 2022-23 by Gujarat State Institutional Rating Framework (GSIRF) (Govt. of Gujarat)
- 7th rank among all the State Agricultural Universities of India by Education world, India Higher Education Ranking 2023-24.
- 39th rank in NIRF Ranking 2023 in Agriculture Category
- 33rd rank in top Govt. Universities in India by India Today-MDRA Ranking 2023



Interventions for Academic Excellence

Registration, Attendance, Results, Mark sheets/Transcripts/ Certificates (PPC/ PDC/Migration) and Students contacts.



01



Online fee receipt software
Placement solutions for students
Alumni management solutions

02

Digitizing
Academics
(JEMS)

03

PG campus form, course card, synopsis submission, proposal of qualifying exam, proposal of external examiner for thesis evaluation, declaration of notification and transcripts.



04

Convocation application, In-house printing of degrees, preparing of list for gold medalist, degree recipients, etc.
Online mock tests for preparing competitive examination





- 56000+ text and reference books
- 16000+ journals back volumes, 3300+ thesis digitized.
- Online library resources, RFID system

Library Central



Convocations Medals :-

- 3 Chancellor's Gold Medals
- 3 Vice Chancellor's Gold medals
- 2 Donor's Gold medals
- 50 Donor's Gold Plated Silver Medals
- Cash Prize



Components of Student READY (Rural and Entrepreneurship Awareness Development Yojana) :-

- 14 Experiential Learning Programmes:- "Earn while You Learn" where monetary benefits from developed product are shared among the students.
- Rural Agriculture Work Experience (RAWE)
- In Plant Training/ Industrial Attachment
- Hands-on Training (HOT) / Skill Development Training
- Students Projects



Activities and Achievements under NAHEP-IDP On Artificial Intelligence, Automation, Robotics and Drone Technology in Agriculture :-



- Ranked first consecutively three times in all India AU Ranking in NAHEP-IDP in Annual Review by PIU, New Delhi.
- Established world class labs on Precision Agriculture, AI/ML, Drones, Automation, Robotics
- Introduced three new pilot courses 1) Artificial Intelligence in Agriculture 2) Precision Agriculture and Animal Husbandry 3) Robotics in Agricultural Engineering.
- International training to 85+ UG students at USA, Australia, Thailand, UAE, Taiwan and Israel.
- International training to faculty members at Japan, Australia, Ireland, etc.
- Several National Seminars/ Workshops/ Trainings / Short Courses were organized
- 60+ students placed through NAHEP-IDP activities
- 10+ students started startups and became entrepreneur.



Student's Performance in Competitive Examinations (2017-2023)

JRF	SRF	NET	GATE
250+	50+	240+	30+

Excellence in e-Governance:-

- 70+ in house online programmes developed for smooth, fast and transparent administration, academics, accounting, farmer service applications, HRD, tour, research publication data base etc.

[Home](#)
[JAU In](#)
[JAU Intranet](#)
[List Of Office](#)
[Contact](#)

JAU Online Links

- Salary Bill
- AIMS
- Student Fees
- Pension
- GeM Process
- Scholarship Login
- Search Publication
- IT Grievance (IT Complaints)
- Seed Production Information
- PFMS
- JAU E-mail/Employee ID/Internet Access Registration (For JAU Staff)
- Internet Access For JAU Contractual Service Employee SRF/JRF etc...
- Registration form for JAU Guest Lecturer

- Online HRD/Tour Programme
- JAU IT Asset Management
- MGMG Online Form
- www.jau.in
- Online JAU Circulars
- Online Software
- Online PF
- JAU E-mail Registration (For JAU Students)
- JAU Intranet
- E-Waste Generation Form
- PBAS based on APIs for Promotion under CAS
- JAU Exam Management System (JEMS)
- Recording Complaints of Sexual Harassment / Gender Discrimination

Online Programmes Running at JAU

Online Accounting / Bill (MES / MIS)

This Programme is used for bill submissions, maintains & show reports of Received Grant, Expenditure and Income of various schemes running under JAU.

Click on below link

Year 2015-16 | Year 2016-17
Year 2017-18 | Year 2018-19 | Year 2019-20 | Year 2020-21 | Year 2021-22 | Year 2022-23 | Year 2023-24

Online HRD / Tour Programme

HRD / Tour programme is specially designed and developed for HRD / Tour Programme Entry and Approval of all JAU Officers and Employees.

Go to Online HRD / Tour Programme

JEMS

JAU Exam Management System (JEMS)

Go to JEMS

AIMS

Academic Information Management System (AIMS)

Go to AIMS

Online JAU Circulars

Circulars from JAU offices

Go to Online JAU Circulars

Mera Gaon Mera Gaurav

To collect the information using online form Mera Gaon Mera Gaurav Scheme.

Go to Mera Gaon Mera Gaurav

Sports :

- State of Art Indoor and Outdoor Sports Facilities:-
Cricket, Basketball, Volleyball, Badminton, Table Tennis, Kabaddi, Kho-Kho, Chess and Athletics
- Gymnasiums for boys and girls



JAU Students Performance in Sports (2004-2023)		
Medal	National	State
Gold	10	41
Silver	08	42
Bronze	04	-



Students' Counselling :

- Leadership Skill
- Campus to Corporate
- Communication Skill
- Entrepreneurship Development
- Personality Development
- Social and Human Values
- Preparation of Resume and Interview
- Empowering Youth, Gender Equality and Empowerment of Women



Students' Placement Opportunities :-

- Public, Private, Government and Semi-Government sectors including Agricultural Inputs Companies, Banks, Irrigation, Farm Machinery, NGOs, IT Sector, etc;
- 2200+ students placed through campus interviews



Students Amenities :-

- 100% Student Residential Facilities:
- International Hostel:- 1
- Boys Hostels:-20
- Girl's Hostel:-10
- Total capacity:-3000 students.
- All hostels are well equipped with Wi-Fi & Morden Amenities.
- Health centre with ultra-modern facilities, pathological investigations, ECG, 24x7 doctors, ambulance and digital x-ray machine, etc.
- Thalassemia & other health camps.

15+ Scholarships/ Fellowship offered.

Alumni associations providing valuable resources & networking opportunities.

National Service Scheme (NSS) :-

- 7 Days special camps
- Winter adventure camps
- Blood donation camps
- Prevention of drugs
- Environment conservation
- Cleanliness
- 13.5 units of NSS (1350 volunteers)
- Health awareness
- Social awareness



Research Stations :-24

Main Research Stations :- 03	Regional Research Stations :- 12	Sub Research Stations :- 09
Main Oilseeds Research Station, Junagadh	Wheat, Junagadh	Fruit Res. Stn., Mangrol
	Cotton, Junagadh	Oilseed Res. Stn., Manavadar
Main Dry Farming Research Station, Targhadia (Rajkot)	Pulses, Junagadh	Cotton Res. Stn., Khapat (Porbandar)
	Castor, Junagadh	Dry Farming Res. Stn., Ratia (Porbandar)
Main Pearl millet Research Station, Jamnagar	Vegetable, Junagadh	Dry Farming Res. Stn., Jamkhambhalia
	Spices, Junagadh	Dry Farming Res. Stn., Vallabhipur
	Sugarcane, Kodinar	Agricultural Res. Stn., Halvad
	Agricultural Res. Stn., Amreli	Cotton Res. Stn., Kukada
	Grassland & Agricultural Res. Stn., Dhari	Agricultural Res. Stn., Talaja
	Centre of Experimental Res. Stn., Junagadh	
	Agricultural Res. Stn., (Fruit Crops), Mahuva	
	Res., Training & Testing Cen.(Agril.Engg.), Jnd.	

Total land of the University :- 2316.61 ha (1615.96 ha under cultivation)

Major Crops :-

Field Crops

Groundnut, cotton, wheat, pearl millet, sesame, cumin, castor, chickpea, green gram & pigeon pea

Fruit Crops

Mango, coconut, citrus, sapota, guava, ber, pomegranate & anola

Vegetable Crops

Onion, garlic, brinjal, okra, tomato, cluster bean and Indian bean

Research Projects :-

- 17 AICRPs
- 50 Plan Schemes
- 21 Non Plan schemes
- 52 sponsored projects by various other agencies like GOI, ICAR, GOG, ICRISAT and Private



69 Crop Varieties Notified under Section 5 of Seeds Act, 1966.
34 Registered under PPV & FRA
83 Varieties Released,
10 National Level,
73 State Level



Cereals :-

- Pearl Millet:-10
- Wheat :-2

Cash Crops :-

- Cotton:-6
- Sugarcane:-1

Fruits :-

- Custard Apple:-1
- Coconut:-1
- Papaya :-1

Pulses :-

- Chickpea:- 5
- Pigeon pea:-1
- Urad :-1

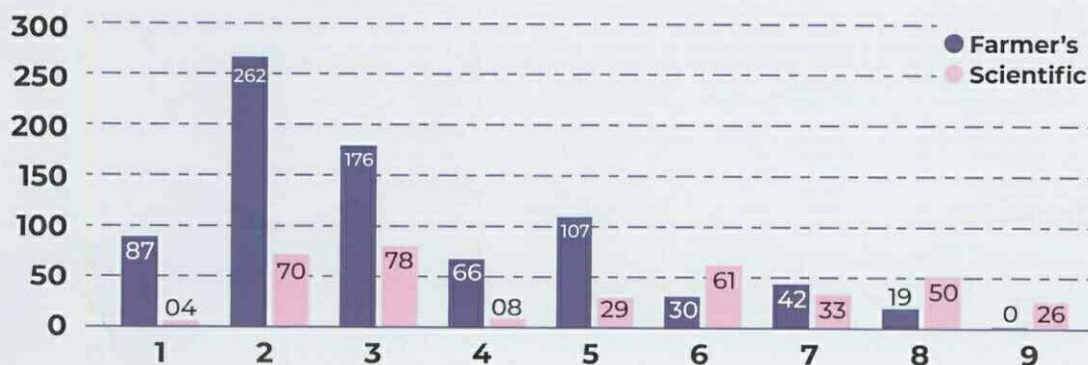
Oilseeds :-

- Groundnut:-19
- Castor:-2
- Sesame:-5
- Soybean:-2

Vegetables :-

- Brinjal:-7
- Okra:-6
- Indian bean:-3
- Tomato:-2
- Sponge gourd:-2
- Ridge gourd:-2
- Garlic:-2
- Onion:-2

706 Technologies for Farmers, 359 Technologies for Scientific Community



1. Crop Improvement
2. Crop Production
3. Plant Protection
4. Horticulture & Forestry
5. Agricultural Engineering
6. Animal Science
7. Fisheries Science
8. Basic Science
9. Social Science

Notable Research Outcomes :-

- Published 11 patents, 2 Patterns Granted, 1 Design Granted
- Most Popular and Promising Crop Varieties
 - Groundnut**:- GJG 20, GJG 22 & GJG 32, GG 39 new high oleic acid variety,
 - Pearl Millet**:- Bio fortified hybrid GHB 1129, GHB 1225, MAS hybrid GHB 538 (EDV:DM) (Maru Sona),
 - Wheat**:- GW 366 for high grain yield and quality, popular in Madhya Pradesh, Maharashtra and Rajasthan,
 - Pigeonpea**:- GHP1, **Chickpea**:- GC 3, GC 5, GC 6, GC 8, GKG 1, Kabuli extra bold seed variety,
 - Sesame**:- GT 3, GT 5, GT 6.
- JAUP1 to JAUP4 series of primers for sex determination at pre-flowering stage in "Madhubindu" variety of papaya.
- Globally, first time Genome sequencing of castor for *Macrophomina* and *Fusarium*
- Registration of native strains of bio-agents (*Beauveria*, *Trichoderma*, *Metarhizium*).
- Isolated Seaweed liquid fertilizer ameliorate micronutrient deficiency in crop.
- Developed Agri-voltaic system for crop cultivation.
- Developed low cost smart irrigation system and low cost greenhouse fertigation system
- Coconut hybrid D x T plantlets are produced at large scale at Mahuva
- Testing Centre of FMPE, CAET obtained first rank at national level.
- DNA bar coding of 10 marine fisheries have been generated and reported first time globally.
- 60+ MoUs with national and international organizations.
- 2500+ research papers published
- 200+ projects of costs more than 2400+ lac were sanctioned



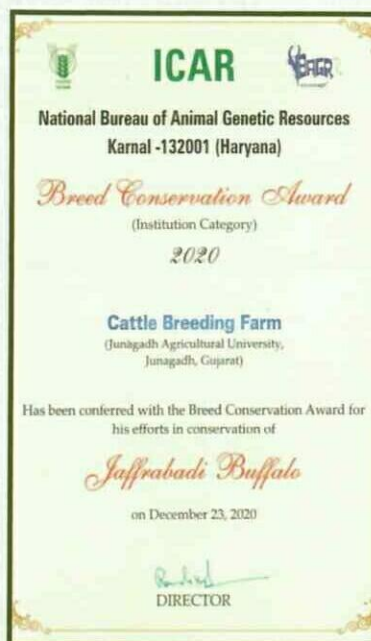
Green Campus Initiatives :-

- JAU received "District Green and Champion award" from MGNCRE, Ministry of Education, GoI.
- 1.5 lakh m³ Water harvesting capacity was created by 12 sunken ponds; 14 dugout farm ponds and well.
- Roofwater harvesting in all hostels
- Ground water recharge of 29,600 cum/year
- Total Solar rooftop installed- 700 kw
- Biogas plant :- 260 m³ Capacity



Major Reputed Awards to University (2017 - 2023) :-

Name of Awards	Details
Junagadh Agricultural University	Mahindra Samriddhi "Krishi Siksha Sanman"
Pulse Research Station, Junagadh	Chaudhari Devi Lal Outstanding AICRP Award-2016 to AICRP on Chickpea
Vegetable Research Station, Junagadh	Lt. Amit Singh Memorial Award 2017-18 for Best AICRP on Vegetable Crops
KVK, Nana Kandhasar	National Best KVK of the year - Runner up Award by Mahindra Samriddhi India Agri Awards-2018.
Dept. of Renewable Energy Engineering, CAET, Junagadh	7 th National Award for Technical Innovation in Petrochemical & Downstream Plastic Processing Industry, 2016-17, NRDC Societal Innovation Award
Cattle Breeding Farm, Junagadh	Breed Conservation Award (Institution Category) -2020 for conservation of Jaffrabadi Buffalo by ICAR-NBPGR, Karnal, Haryana
Pearl Millet Research Station, Jamnagar	Best Performing AICRP Centre Pearl Millet for period 2022-23
Department of Seed Science and Technology	Best Performing Groundnut Seed Hub Centre by DGR, ICAR during May, 2023.
Main Oilseed research Station, Junagadh	Best AICRP (Oilseeds) Centre- Castor, 2017-2021 during May, 2023.
Agricultural Research Station, Amreli	Best AICRP (Oilseeds) Centre- Sesame, 2017-2021 during May, 2023.



Farmers Services and Inputs Supplied at Reasonable Prices :

Quality seeds produced	Planting material	
<ul style="list-style-type: none">➤ 0.52 lakh+ Quintal Breeder Seed/ Nucleus Seed➤ 1 lakh+ Quintal/ Foundation/ Certified Seed / Truthful	<ul style="list-style-type: none">➤ 4.2 lakh+ Fruit crop grafts➤ 8.8 lakh+ Fruit crop saplings➤ 10.5 lakh+ Seedlings➤ 3.25 lakh+ Ornamental & Medicinal plants	
Bioagent/micro bio-agent, liquid biofertilizer and bio-control appliances		
1500+ tonne Bioagents, 65000+ liters Liquid biofertilizer, 10 lakh+ other Bio-control appliances		
Animal Services	Jaffarabadi Bull	Gir Bull
Frozen semen dozes produced	2.7 lakh+	2.6 lakh+
Semen dozes used for AI	0.58 lakh+	1.4 lakh+
Bulls distributed to gram panchayat, gaushala etc.	450+	200+



EXTENSION EDUCATION

Extension Education Centres

Seven Krishi Vigyan Kendras :-

Jamnagar, Targhadia (Rajkot-I), Amreli, Khapat (Porbandar), Nanakandhasar (Surendranagar), Pipaliya (Rajkot-II), Gor khijadiya (Morbi)

Major Activities :-

- Trainings / Human Resource Development
- Front Line Demonstration (FLD)
- On Farm Trails / Testing (OFT)
- Visits to farmers' fields
- Kisan mela, Animal Health Camps
- Publication distribution of leaflets, bulletins etc.
- Field days and Kisan Gosthies
- Diagnostic services on soil, plant and animal health
- Development of crop cafeteria
- Dissemination of technologies through media
- Production and distribution of quality seeds & planting materials



Sardar Smruti Kendra, Junagadh :-

- 1175+ trainings, 1.8 lakh farmer participants
- Sardar Smruti Kendra, Junagadh Silver Jubilee Award each year to progressive farmer

Training & Visit System, Training Centre Junagadh :-

- 110+ Programmes, 3800+ participants

Diploma/ Certificate Courses

School of Baking, Junagadh :-

- 15 Weeks Special Training:- 37 with 420+ Participants
- One Week Special Training to Women:- 145+ Trainings, 2500+ participants

Mali Training Centre, Junagadh :-

- 6 Months Training :- 18 Trainings, 126 participants

Agro Based ITI Centre, Junagadh :-

- 6 Months Courses on Seed Production Technology and Green House Construction & System Management:- 18 courses, 451 participants

Certificate Courses under Directorate of Extension Education :-

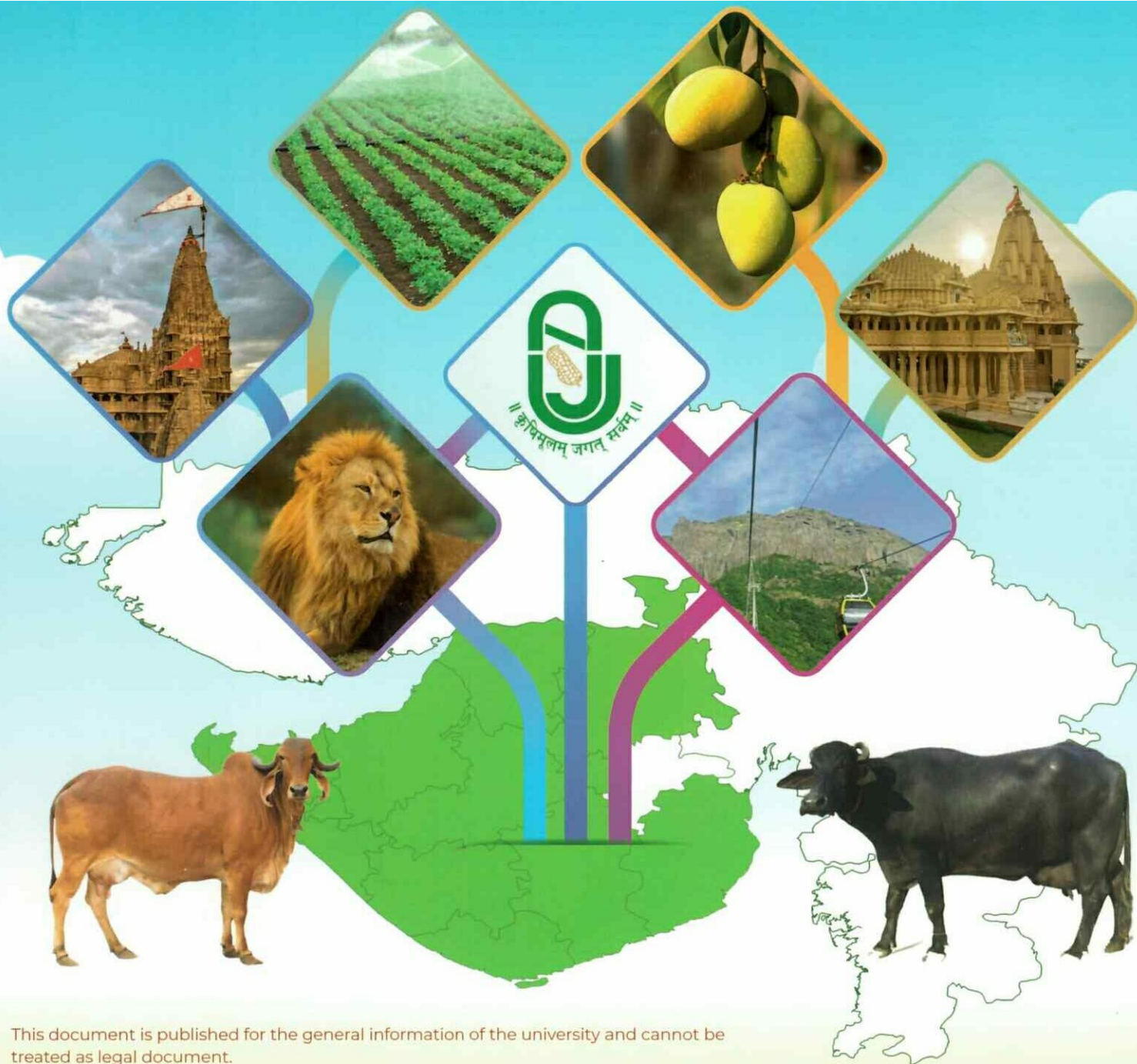
- | | |
|---|-----------------------------------|
| ➤ 1 Year Diploma in Agriculture Extension Services | :- 4 Programmes, 740 participants |
| ➤ 6 Months Certificate in Agriculture Extension Services | :- 4 programmes, 157 participants |
| ➤ 12 Days Certificate Course on Pesticide Management | :- 5500 participants |
| ➤ 15 Days Integrated Nutrient Management for Fertilizer Dealers | :- 2650 participants |
| ➤ 15 Days Green House/ Net House Training | :- 11 trainings, 445 participants |



Other Extension Education Activities :-

AGRISNET studio and Community Radio Station (CRS), Junagadh Javani (91.2 FM)	About 8500HRS broadcasting, 500+ Agriculture related events/ documentaries, 120+ Live broadcasting of programme by JAU experts
Center of Communication Scheme (CoC):	650+ Programmes, 2300+ participants
Farmer FIRST Project (FFP):	Covered 650 farmers families, 4300 extension activities
Mera Gaon Mera Gaurav (MGMG):	45000 extension activities involving 1.9 lakh farmers
Krishi Mahotsav: (2005-2019)	Covered 30 Lakh + gross farmers
Krishi Darshnalay Museum	1 lakh visitors
Attracting and Retaining of Youth in Agriculture (ARYA):	Create employment opportunities in agriculture and excel in intensive activities like processing, value addition and marketing.
National Initiatives on Climate Resilient Agriculture (NICRA):	Formulation of adaptive strategies to mitigate climate change
Agricultural Technology Information Centre (ATIC):	Delivery system for purchase of various farm inputs and services
District Agro-Meteorological Unit (DAMU):	65 weather bulletins integrating the data of location specific and IMD for minimizing risk of aberrant weather





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From The Vice Chancellor's Desk

Junagadh Agricultural University is marching towards excellence in Agricultural Education, Research and Extension Education. The evidence of excellence is observed through this document as well as Five Star Rating by GSIRF (Govt. of Gujarat) in 2021 and 2022. I convey my appreciation to faculty, staff and students for their untiring efforts to bring the University at newer heights.



JAU iKrushi Sanhita
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