

Chapter-III

Education



कृषि महाविद्यालय
जानागढ कृषि विनिवेशिटी
टीसुकुवर वेणुवेटी





3.1 General

The concept of education is based on two-tier system. The first one consists of the higher education covering Agriculture, Agricultural Engineering & Technology, Fisheries Science, Agri-Business Management and Veterinary Science & Animal Husbandry, which include the polytechnic diploma, graduate and post graduate resident instruction programmes. The second consists of lower education programme provided at the Agricultural School, School of Baking, Livestock Inspector Training Centre, *Mali* Training Centre and Extension Education Training Centres. The higher education programmes are looked after by the Deans and Registrar, while lower education programmes by the Director of Extension Education at the University level.

3.2 Accreditation of University and its constituent colleges

Indian Council of Agricultural Research started accreditation of Agricultural Universities in 1996 with a view to enhance the quality of agricultural education in the country. As per the directives Accreditation Board, the financial assistance to the universities should be linked with accreditation status of the University. Hence, the Self Study Reports (SSR) for accreditation of University as well as three constituent colleges were submitted by Junagadh Agricultural University to the ICAR on 12.02.2009. After submission of SSR, Peer Review Committee constituted by Director General, ICAR headed by Dr. S. Raghuvardhan Reddy, former Vice Chancellor, ANGRAU, Hyderabad visited Junagadh Agricultural University during

18-21 May, 2009. The report of the Peer Review Team in respect of Junagadh Agri-cultural University was included in the agenda of Accreditation Board.

Junagadh Agricultural University, Junagadh met the four general criteria of accreditation as mentioned below:

- The University has clear and publicly stated objectives consistent with its mission and goals.
- The University has effectively organized its human, financial and physical resources, necessary to accomplish its objectives.
- The University is continuing to accomplish its educational objectives and responsibility.
- The University can continue to accomplish its objectives and improve the quality of educational programmes effectively.

Therefore, the team recommended that the University and its following constituent colleges with degree programmes mentioned against each have been accredited for the period of five years.

1. College of Agriculture, Junagadh

- B.Sc. (Agri.)
- M.Sc. (Agri.) in Agril. Economics, Agril Extension, Agril. Entomology, Agronomy, Plant Breeding & Genetics, Horticulture, Plant Pathology, Soil Science & Agril. Chemistry, Agril. Statistics, Agril. Meteorology, Agril. Biochemistry and Crop Physiology.
- Ph.D. in Agril. Economics, Agril Extension, Agril. Entomology, Agronomy, Plant Breeding & Genetics,



Horticulture, Plant Pathology, Soil Science & Agril. Chemistry, Agril. Statistics, Agril. Meteorology, Agril. Biochemistry and Crop Physiology.

2. College of Agricultural Engineering & Technology, Junagadh

- B.Tech. (Agril. Engg.)
- M.Tech. (Agril. Engg.) in Post Harvest Processing & Food Engg., Farm Machinery & Power, Soil & Water Engg., Renewable Energy Management.
- Ph.D. in Soil & Water Engineering.

3. College of Fisheries Science, Veraval

- B.F.Sc.
- M.F.Sc. in Mariculture, Fish Resource Management and Post Harvest Technology.

Upon the recommendations of Peer Review Team and Education Division, ICAR, the Accreditation Board granted accreditation to the Junagadh Agricultural University and its three constituent colleges with above recommended programmes for five years from June 24, 2009.

3.3 Under Graduate Programmes

(1) Procedure of Admission

The admission criteria in the Under Graduate programmes in Junagadh Agricultural University is purely on merit basis i.e. percentage of marks obtained in science subjects like Physics, Chemistry and Biology/Mathematics at HSC with English as a compulsory subject in science or

vocational stream. For admission to B.Sc. (Hons.) Agri., B.F.Sc. and B.V.Sc. & A.H., Physics, Chemistry and Biology, while for B.Tech. (Agril. Engg.), Physics, Chemistry and Mathematics subjects are compulsory. Among the seats allotted for admission, 49% seats are reserved for various Backward Classes, i.e. 15% for Schedule Tribes, 7% for Schedule Caste and 27% for Socially and Educationally Backward Communities as declared under Baxi Commission (Mandal Panch). One per cent of available seats are reserved for children of Defence Personnel and Ex-servicemen. Moreover, 3% seats are reserved for disabled (physically handicapped) candidates as per the directives from the Hon. Supreme Court of India. The students of CBSE, who have passed their examination in Gujarat state, are considered eligible as per prorata. There is provision of reserved seats for Kashmiri Migrants also. Additional 15% seats are reserved for ICAR candidates, who have cleared All India Entrance Examination conducted by ICAR. The admission procedure is centrally administered by the Registrar at University level.

Weightage of marks for participation in sport is given in admission. Weightage of 5% marks is given to farmer's son/daughter and students of vocational stream who have passed HSC with Agriculture subject in addition to Physics, Chemistry and Biology for admission to B.Sc. (Hons.) Agri. degree course. In B.F.Sc. degree course, 12% seats are reserved for Fisherman's son/daughter and weightage of 15% marks is also given for admission. Weightage of 5% marks is given to farmer's son/daughter for admission to B.F.Sc.



Junagadh Agricultural University

From the academic year 2003-04, the Board of Management resolved to fill up NRI/NRI Sponsored/Payments Seats in Under Graduate courses with a fee of 3500 US Dollar per semester for NRI/NRI Sponsored candidates and ₹ 25000 fee per semester for payment seat.

Centralised admission procedure is

adopted by all the agricultural universities of Gujarat for all UG programmes.

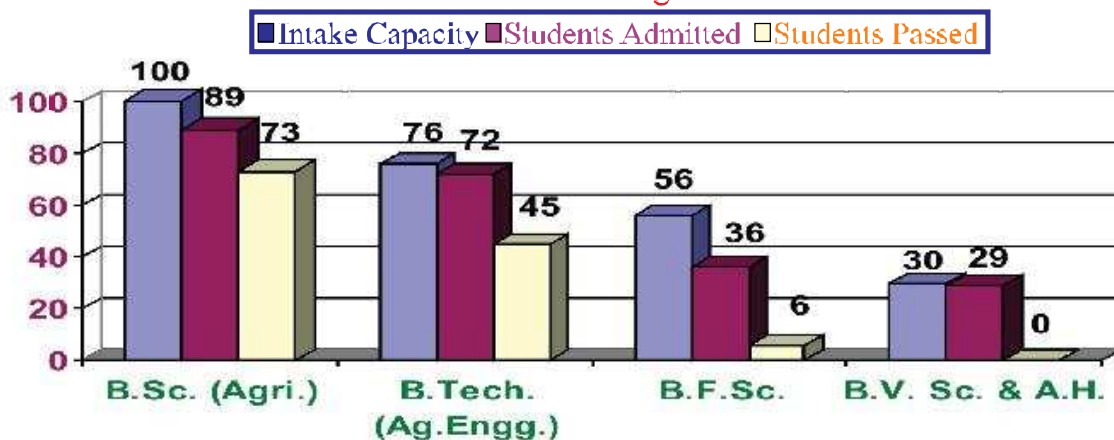
(2) Academic Programmes offered at UG level

Intake capacity, admission and students graduated from various faculties at under graduate level in the University for the academic year 2009-10 are given in Table 3.1.

Table 3.1: Under Graduate Programmes

Sr. No.	Degree course and duration	College where course offered	Intake Capacity	Students Admitted	Students Passed
1.	B.Sc. (Hons.) Agri. 4 years (8 semesters)	College of Agriculture Junagadh	70+20+10	89	73
2.	B.Tech.(Agril. Engg.) 4 years (8 semesters)	College of Agricultural Engg. & Tech., Junagadh	50+20+6	72	45
3.	B.F.Sc. 4 years (8 semesters)	College of Fisheries Science, Veraval	40+10+6	36	06
4.	B.V.Sc. & A.H. 5 years (10 semesters)	College of Veterinary Science & Animal Husbandry, Junagadh	30	29	-
Total				226	124

Under Graduate Programmes





3.4 Post Graduate Programmes

The Junagadh Agricultural University imparts Post Graduate instructions with the help of the PG recognized teachers of the University.

(1) Procedure of Admission

- (A) A candidate for admission to the Master's degree should possess Bachelor's degree with an OGPA not less than 6.00 (10.00 basis) or its equivalent in aggregate as well as in the subject in which admission is sought.
- (B) A candidate for admission to the Ph.D. degree programme should possess Master's degree with an OGPA of not less than 6.50 (10.00 basis) or its equivalent.
- © A candidate for admission shall have to pass entrance test and admission is given on merit based on marks obtained in the entrance test.

- (D) Relaxation of 5% marks is given in eligibility and entrance test to ST, SC and SEBC candidates for admission to Master/Ph.D. degree.
- (E) Seats for ICAR and Govt. of India nominees, ST, SC, SEBC, Gujarat State nominees and in-service candidates are reserved as per University / ICAR rules. Candidates having degrees from basic science and out state candidates are also admitted on vacant seats.
- (F) Centralised admission procedure is adopted by all the agricultural universities of Gujarat for all PG programmes.

(2) Academic Programmes offered at Post Graduates level

Number of admissions and passed out candidates from various faculties at Post Graduate level in the University for the academic year 2009-10 are given in Table-3.2

Table 3.2 Post Graduate Programmes

Sr. No.	Name of the course	Duration	College	Students admitted	Students Passed
1	M.Sc. (Agri.)	2 year divided into 4 semesters	College of Agriculture, Junagadh	97	47
2	M.Tech. (Agril. Engg.)	2 years divided into 4 semesters	College of Agricultural Engineering & Technology, Junagadh	11	0
3	M.F.Sc.	2 years divided into 4 semesters	College of Fisheries Science, Veraval	7	9
4	M.B.A. in Agri-business	2 years divided into 4 semesters	Post Graduate Institute of Agri-business Management, Junagadh	27	0



Sr. No.	Name of the course	Duration	College	Students admitted	Students Passed
5	M.V.Sc.	2 years divided into 4 semesters	College of Veterinary Science & Animal Husbandry, Junagadh	1	0
6	Ph.D.	3 years divided into 6 semesters	College of Agriculture, Junagadh and College of Agricultural Engineering & Technology, Junagadh	7	12
		Total		150	68

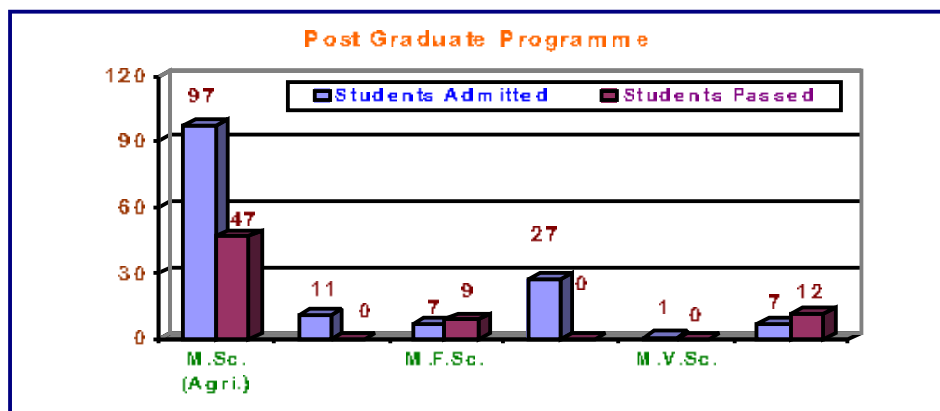


Table 3.3 Number of Students Graduated from Different Degree Programmes (2009-10)

Academic Year	First Class with Distinction	First Class	Second Class	Pass Class	Total
B.Sc. (Agri.)	17	18	25	13	73
B.Tech. (Ag. Engg.)	4	17	24	0	45
B.F.Sc.	1	2	3	0	6
M.Sc. (Agri.)	6	28	13	0	47
M.F.Sc.	5	4	0	0	9
Ph.D.			12		12

3.5 Polytechnic Diploma Programme

Looking to the present scenario of changing pattern in education system, Junagadh Agricultural University have begun three years' Polytechnic Diploma programmes

in Agriculture, Horticulture, Agro-processing and Home Science with intake capacity of 25 seats in each course. The programmes started from academic year 2009-10 with aim to cater the present needs in the different areas



of Agriculture and allied fields.

The admission criteria in the Diploma programmes in Junagadh Agricultural University are purely on merit basis i.e. percentage of marks obtained at SSCE (10th Standard) with English as a compulsory subject from any statutory Board in the Gujarat State or Examinations recognized as equivalent thereto. Among the seats allotted for admission, 49% seats are reserved for various Backward Classes, i.e. 15% for Schedule Tribes, 7% for Schedule Caste and 27% for Socially and Educationally Backward Communities as declared under Baxi Commission (Mandal Panch). Moreover, 3% seats are reserved for disabled (physically handicapped) candidates as per the directives from the Hon. Supreme Court of India. 1%

seats are also reserved for children of defence personnel/ ex-servicemen.

Central admission procedure is adopted by all the agricultural universities of Gujarat for all polytechnic programmes. Weightage of marks for participation in sport is given in admission. Weightage of 5% marks is given to farmer's son/daughter and 2% marks for the students who have passed SSC with technical subjects agriculture subject as per the regulations of Diploma courses.

(1) Duration and Admission Requirement of Polytechnic Diploma Courses

The duration and admission requirements of polytechnic diploma courses offered by the Junagadh Agricultural University are shown in Table-3.4

Table 3.4 Admission requirements for polytechnic programmes

Diploma course & Duration	Polytechnic	Eligibility for admission
Diploma in Agriculture 3 years (6 sem.)	Polytechnic in Agriculture, Dhari	The candidate should have passed Secondary School Certificate Examination (SSC) with English as compulsory subject from any statutory Board in Gujarat state. The minimum requirement of aggregate marks (as mentioned in mark sheet) shall be as under: 1. For ST: 35% 2. For SC/SEBC : 40% 3. For others : 45%
Diploma in Horticulture 3 years (6 sem.)	Polytechnic in Horticulture, Junagadh	
Diploma in Agro-processing 3 years (6 sem.)	Polytechnic in Agro-processing, Junagadh	
Diploma in Home Science 3 years (6 sem.)	Polytechnic in Home Science, Amreli	



(2) Admissions

Number of admissions at Diploma

level in the University for the academic year 2009-10 are given in Table-3.5

Table 3.5 Number of admissions at Diploma level in the University for the academic year 2009-10.

Sr. No.	Diploma Courses	Intake Capacity	Students admitted
1.	Diploma in Agriculture	25	25
2.	Diploma in Horticulture	25	25
3.	Diploma in Agro-processing	25	26
4.	Diploma in Home Science	25	24

3.6 Annual Convocation

During the year under report, the Fifth Annual Convocation was held at Junagadh on January 29, 2010. Dr. P.K. Joshi, Director, National Academy of Agricultural Research Management, ICAR, Hyderabad was the chief guest. A total of 215 students were awarded Under Graduate and Post Graduate degrees

by H.E. the Governor of Gujarat and Chancellor of this University. Thirty one Gold Medals and two Cash Prizes were awarded to students for their outstanding performance at examination, achieving high percentage of marks and stood first on merit in various examinations.

