



Chapter - III

EDUCATION

3.1 General

The concept of education is based on two-tier system. The first one consists of the higher education covering Agriculture, Agril. Engineering and Technology, Fisheries Science, Veterinary Science and Animal Husbandry and Agri-Business Management which includes graduate and post graduate resident instruction programmes and polytechnic diploma 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

The accreditation was granted to the university, its following constituent colleges and programmes, for a period of five years, *i.e.*, up to June 24, 2014 by Accreditation Board, ICAR, New Delhi.

1. College of Agriculture, Junagadh

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

2. College of Agricultural Engineering and Technology, Junagadh

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

3. College of Fisheries Science, Veraval

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

3.3 Under Graduate Programmes

(1) Procedure of Admission

The admission criteria in the Under Graduate programmes in Junagadh Agricultural University are purely on merit basis, *i.e.*, percentage of marks obtained in science subjects like Physics, Chemistry and Biology/Mathematics at HSCE 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 disable (physically handicap) candidates as per the directives from the Supreme Court of India. The students of CBSE, who have passed their examination from school located in Gujarat state, are considered eligible as per *prorata*. There is provision of additional seats for Kashmiri Migrants and parsi community (domicile of Gujarat State)



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 sports is given in admission. Weightage of 5% marks is given to farmer's son/daughter and students of vocational stream who have passed HSCE 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.

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

Centralised online admission procedure is adopted by all the agricultural universities of Gujarat for all the UG programmes.

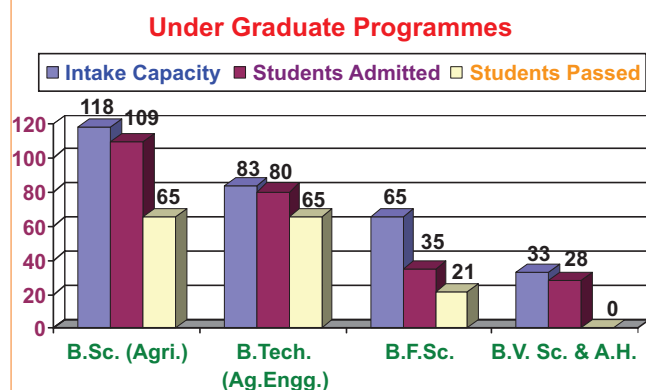
(2) Academic Programmes offered at UG level

Intake capacity, admission and students graduated from various faculties at under graduate level in the University for the academic year 2011-12 are given in Table 3.1.

Table 3.1 Under Graduate Programmes

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	85+20+13	109	65
2	B.Tech. (Agril. Engg.) 4 years (8 semesters)	College of Agricultural Engg. & Tech., Junagadh	55+20+8	80	65
3	B.F.Sc. 4 years (8 semesters)	College of Fisheries Science, Veraval	48+10+7	35	21
4	B.V.Sc. & A.H. 5 years (10 semesters)	College of Veterinary Science & Animal Husbandry, Junagadh	33+0+0	28	-
Total			299	252	151

*Intake capacity= Free seats + NRI/Payment seats+ ICAR nominees



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.
- (C) 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 2011-12 are given in Table 3.2

Table 3.2 Post Graduate Programmes

No.	Name of the course	Duration	College	Intake capacity	Students admitted	Students Passed
1	M.Sc. (Agri.) M.Sc.	2/3 years divided into 4/6 semesters	College of Agriculture, Junagadh	115	69	71
2	M.Sc. (Horti.)	2 years divided into 4 semesters	College of Agriculture, Junagadh	17	11	1
3	M.Tech. (Agril. Engg.)	2 years divided into 4 semesters	College of Agricultural Engineering & Technology, Junagadh	16	14	10
4	M.F.Sc.	2 years divided into 4 semesters	College of Fisheries Science, Veraval	18	12	7
5	M.B.A. in Agri- Business	2 years divided into 4 semesters	Post Graduate Institute of Agri-business Management, Junagadh	43	27	40
6	M.V.Sc.	2 years divided into 4 semesters	College of Veterinary Science & Animal Husbandry, Junagadh	15	4	1
7	Ph.D.	3 years divided into 6 semesters	College of Agriculture, Junagadh, College of Agricultural Engineering & Technology, Junagadh and College of Veterinary Science & Animal Husbandry, Junagadh	45	23	17
Total				269	160	147

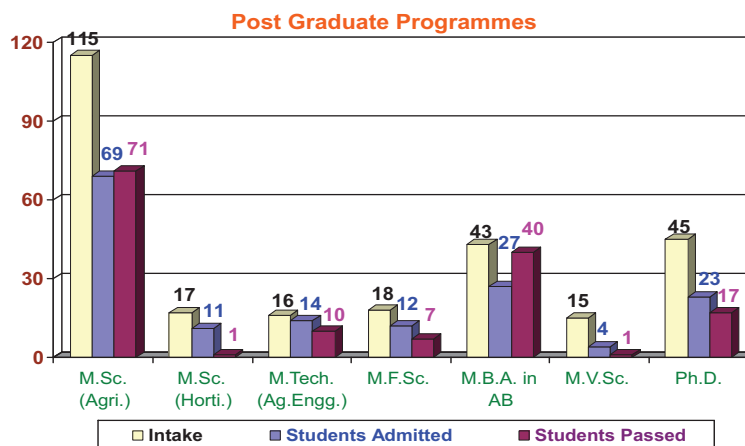




Table 3.3 Number of Students Graduated from Different Degree Programmes (2011-12)

Academic Year	First Class with Distinction	First Class	Second Class	Pass Class	Total
B.Sc. (Agri.)	12	39	14	0	65
B.Tech. (Ag. Engg.)	4	36	25	0	65
B.F.Sc.	3	13	3	2	21
UG Total					151
M.Sc.	1	3	1	-	5
M.Sc. (Agri.)	5	39	22	-	66
M.Sc. (Horti)	0	1	0	-	1
M.Tech. (Ag. Engg.)	2	4	4	-	10
M.F.Sc.	0	6	1	-	7
MBA in AB	8	28	4	-	40
M.V.Sc.	0	1	0	-	1
Master Total					130
Ph.D.					17
Grand Total					298

3.5 Polytechnic Diploma Programme

Looking to the present scenario of changing pattern in education system, Junagadh Agricultural University has begun three years' Polytechnic Diploma programmes in Agriculture, Horticulture, Agro-processing and Home Science. The programmes started from academic year 2009-10 with the 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 is 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 disable (physically handicap) candidates as per the directives from the Supreme Court of India. One percent seat is 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 sports is given in admission. Weightage of 5% marks is given to farmer's son/daughter and 2% marks for the students who have passed SSCE with technical subjects.

(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 (SSCE) with English as compulsory subjects from any statutory Board in Gujarat state. The minimum requirement of aggregate marks (as mentioned in mark sheet) shall be as under: 1. ST & SC : 35% 2. SEBC : 40% 3. General : 40 %
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 of Polytechnic Diploma Courses

The details of admissions at Diploma level in the University for the academic year 2011-12 are given in Table 3.5.

Table 3.5 Details of admissions and passed out at Diploma level in the University for the academic year 2011-12.

No.	Diploma Courses (Polytechnic)	Intake Capacity	Students admitted	Students Passed
1	Diploma in Agriculture	35	31	19
2	Diploma in Horticulture	35	35	23
3	Diploma in Agro-processing	35	33	19
4	Diploma in Home Science	35	34	18
	Total	140	133	79

3.6 Annual Convocation

The Seventh Annual Convocation was held at Junagadh on February 4, 2012. Padma Shri Dr. M.H. Mehta, Former Vice Chancellor, GAU, was the chief guest. As many as 265 students were awarded Under Graduate and Post Graduate degrees by Her Excellency the Governor of Gujarat and Chancellor of this university, Dr. Shrimati Kamla. Forty four Gold/Gold Plated Silver 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.

Seventh Annual Convocation

