



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, Horticulture, Agricultural Engineering & Technology, Fisheries Science, Veterinary Science & 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, Agro-based ITI, *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. The details for the ninth annual report are presented herewith.

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, Agricultural Extension, Agricultural Entomology, Agronomy, Plant Breeding & Genetics, Horticulture, Plant Pathology, Soil Science & Agricultural Chemistry, Agricultural Statistics, Agricultural Meteorology, Agricultural Biochemistry and Crop Physiology.
- Ph.D. in Agricultural Economics, Agricultural Extension, Agricultural Entomology, Agronomy, Plant Breeding & Genetics, Horticulture, Plant Pathology,

Soil Science & Agricultural Chemistry, Agricultural Statistics, Agricultural Meteorology, Agricultural 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. and 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.

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 considering weightage of 60% marks obtained in science subjects like Physics, Chemistry and Biology/ Mathematics at HSCE and 40% marks obtained in Gujarat Common Entrance Test conducted by GSEB. English is a compulsory subject for all the under graduate programmes. The students passed science subjects with vocational stream may also be admitted. For admission to B.Sc. (Hons.) Agri., B.Sc. (Hons.) Horti., 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 challenged) 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 sport is given in admission as per the rank obtained in various sports activities. 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. and B.Sc. (Hons.) Horti. degree courses. 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/Payments Seats in Under Graduate courses with a fee of US\$ 3500 per semester for NRI candidate and ₹ 25000 per semester for payment seat.

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

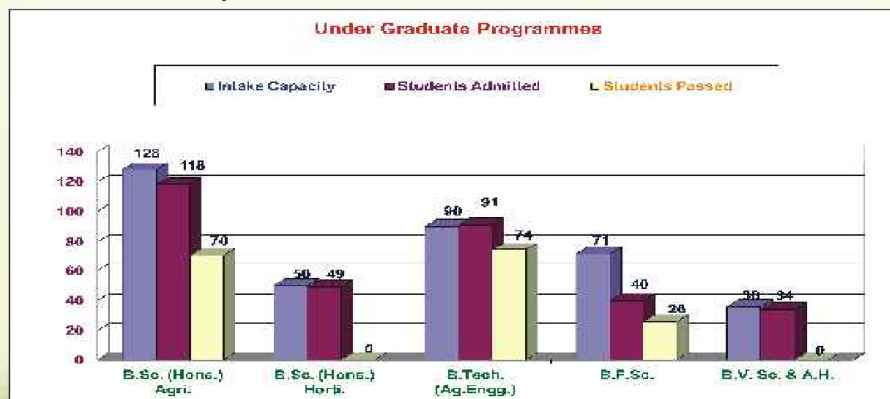
(2) Academic Programmes offered at UG level

Details of admission at under graduate level in the University for the academic year 2012-13 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	94+20+14	118	70
2	B.Sc. (Hons.) Horti 4 years (8 semesters)	Horticulture wing, College of Agriculture, Junagadh	50+0+0	49	-
3	B.Tech. (Agril. Engg.) 4 years (8 semesters)	College of Agricultural Engg. & Tech., Junagadh	61+20+9	91	74
4	B.F.Sc. 4 years (8 semesters)	College of Fisheries Science, Veraval	53+10+8	40	26
5	B.V.Sc. & A.H. 5 years (10 semesters)	College of Veterinary Science & Animal Husbandry, Junagadh	36+0	34	-
Total			375	332	170

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





As per the course curriculum of polytechnic diploma programme, there is provision to admit the students who have passed polytechnic diploma to degree programme directly in the second year *i.e.* third semester considering the intake capacity of 20% of regular under graduate seats.

Details of admission through diploma to degree programme at under graduate level in the University for the academic year 2012-13 are given in Table 3.2.

Table 3.2 Diploma to degree Programmes

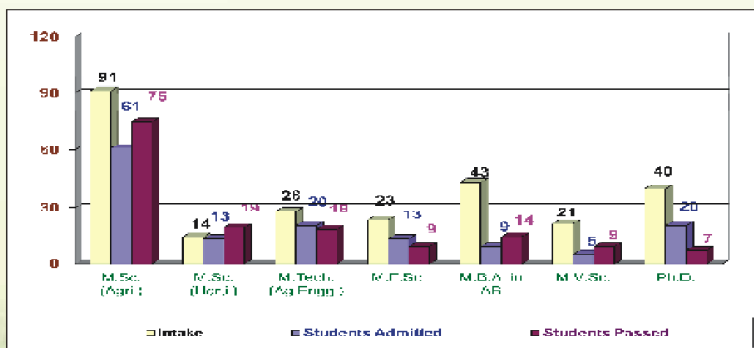
No.	Degree course	College where course offered	Intake capacity	Students admitted
1	B.Sc. (Hons.) Agri.	College of Agriculture, Junagadh	25	20
2	B.Tech. (Agril. Engg.)	College of Agricultural Engg. & Tech., Junagadh	18	18

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 in concerned subject with an OGPA of not less than 6.50 (10.00 basis) or its equivalent.
- (C) A candidate shall have to appear in the entrance test, admission is given on the merit based on weightage of 50% marks obtained in entrance test, and 50% marks of the last degree obtained. For admission to MBA in Agri-Business, merit list is prepared on the marks obtained in entrance test, OGPA and GD/PI.
- (D) Relaxation of 5% marks (OGPA at UG/PG level) is given in eligibility 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/engineering are also admitted in the related disciplines.
- (F) Centralised admission procedure is adopted by all the agricultural universities of Gujarat for all PG programmes.
- (G) A candidate should be domicile of Gujarat State. However, the candidates from other state who have obtained their UG/Master degrees from SAUs of Gujarat shall be admitted on the vacant seats.





(2) Academic Programmes offered at Post Graduates level

Details of admissions at Post Graduate level in the University for the academic year 2012-13 are given in Table 3.3.

Table 3.3 Post Graduate Programmes

No.	Name of the course	Duration	College	Intake capacity*	Students admitted	Students passed
1	M.Sc. (Agri.)	2 years divided into 4 semesters	College of Agriculture, Junagadh	45+22+24	61	75
2	M.Sc. (Horti.)	2 years divided into 4 semesters	College of Agriculture, Junagadh	7+3+4	13	19
3	M.Tech. (Agril. Engg.)	2 years divided into 4 semesters	College of Agricultural Engineering & Technology, Junagadh	15+5+8	20	18
4	M.F.Sc.	2 years divided into 4 semesters	College of Fisheries Science, Veraval	15+3+5	13	9
5	M.B.A. in Agri-Business	2 years divided into 4 semesters	Post Graduate Institute of Agri-Business Management, Junagadh	30+5+8	9	14
6	M.V.Sc.	2 years divided into 4 semesters	College of Veterinary Science & Animal Husbandry, Junagadh	12+3+6	5	9
7	Ph.D.	3 years divided into 6 semesters	College of Agriculture, Junagadh, College of Agricultural Engineering & Technology, Junagadh, College of Veterinary Science & Animal Husbandry, Junagadh and College of Fisheries Science, Veraval	23+8+9	20	7
Total				260	141	151

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

Table 3.4 Number of Students Graduated from Different Degree Programmes during academic year 2012-13

Degree course	First Class with Distinction	First Class	Second Class	Pass Class	Total
B.Sc. (Hons.) Agri.	9	40	17	1	67
B.Tech. (Ag. Engg.)	11	35	23	4	73
B.F.Sc.	7	12	6	1	26
UG Total					166
M.Sc.	0	9	1	0	10
M.Sc. (Agri.)	9	36	20	0	65
M.Sc. (Horti)	2	14	3	0	19
M.Tech. (Ag. Engg.)	2	10	6	0	18
M.F.Sc.	2	6	1	0	9
MBA in AB	0	9	5	0	14
M.V.Sc.	0	9	0	0	9
Master Total					144
Ph.D.					7
Grand Total					317



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 disabled (physically challenged) candidates as per the directives from the Supreme Court of India. One per cent 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.

(1) Duration and Admission Requirement of Polytechnic Diploma Courses

Admission requirements for diploma courses are shown in Table 3.5.

Table 3.5 Admission requirements for polytechnic programmes

No.	Diploma course & Duration	Polytechnic	Eligibility for admission
1	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 shall be as under: 1. ST & SC : 35% 2. SEBC : 40% 3. General : 40 %
2	Diploma in Horticulture 3 years (6 sem.)	Polytechnic in Horticulture, Junagadh	
3	Diploma in Agro Processing 3 years (6 sem.)	Polytechnic in Agro- Processing, Junagadh	
4	Diploma in Home Science 3 years (6 sem.)	Polytechnic in Home Science, Amreli	

(2) Admission in Polytechnic Diploma Courses

Details of admission at diploma level in the University for the academic year 2012-13 are given in Table 3.6.

Table 3.6 Details of admissions at diploma level in the University for the academic year 2012-13.

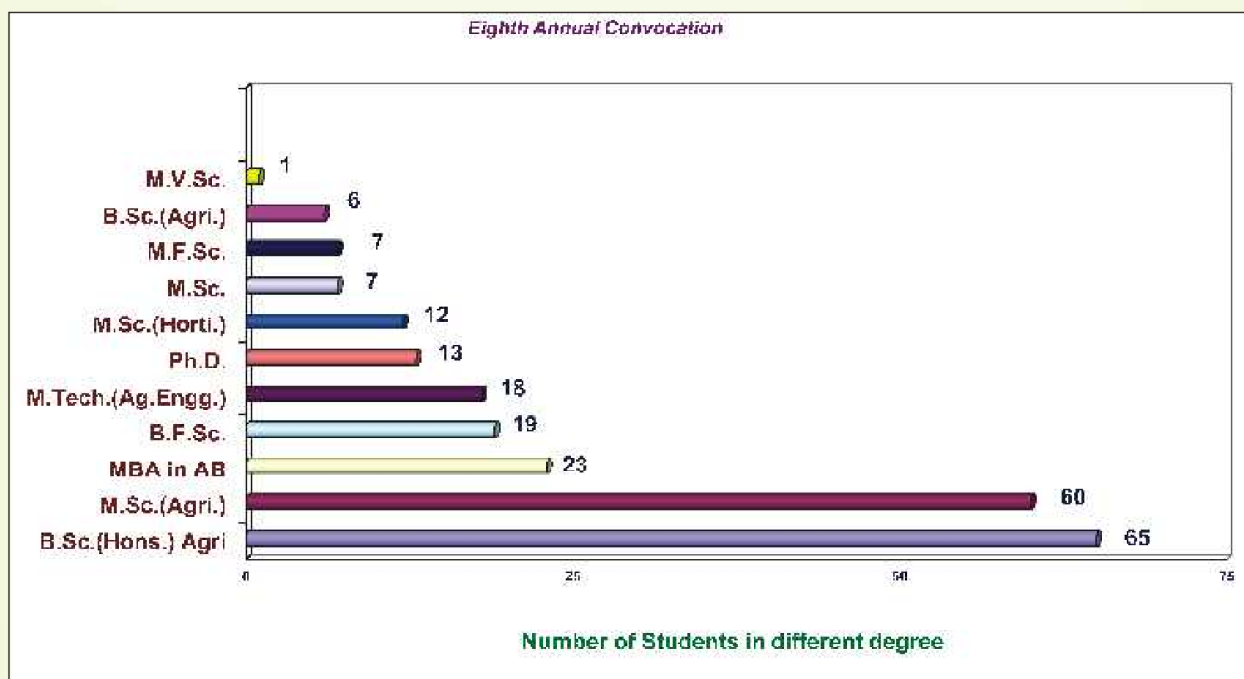
No.	Diploma courses (Polytechnics)	Intake capacity	Students admitted	Students passed
1	Diploma in Agriculture	35	32	30
2	Diploma in Horticulture	35	35	24
3	Diploma in Agro-Processing	35	33	24
4	Diploma in Home Science	35	20	12
Total		140	120	90



3.6 Annual Convocation

The Eighth Annual Convocation was held at Junagadh on January 17, 2013. Dr. K.N. Nag, Former Vice Chancellor, Rajasthan Agricultural University, Bikaner, was the chief guest. As many as 298 students were awarded Under Graduate and Post Graduate degrees by Hon'ble Governor of Gujarat

and Chancellor of this University, Dr. Shrimati Kamla. Forty one Gold Medals/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.



3.7 ANTI-RAGGING

Prevention and Prohibition of Ragging

In view of the directions of the Honourable Supreme Court to prohibit, prevent and eliminate the scourge of ragging, anti ragging committee at university level and anti ragging cell at college level are functioning. Details regarding prohibition of

ragging is also published in admission prospectus as well as admission memo.

As per the guidelines issued by UGC and Government of Gujarat, the Monitoring cell on ragging at University level was formulated with the following members

1.	Vice Chancellor, JAU	Chairman
2.	Registrar, JAU	Member Secretary
3.	All Principal of the Colleges, JAU	Member
4.	Director of Student's Welfare, JAU	Member
5.	All Heads of Women's harassment Cell, JAU	Member
6.	Non-Government organizations (NGO)	Member
7.	Media	Member