

CHAPTER - 3

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 tenth 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.

No.	College	Graduate	Post Graduate		Subjects
			Master	Doctorate	
1.	College of Agriculture, Junagadh	B.Sc. (Agri.)	M.Sc. (Agri.)	Ph.D.	All Agril. related subjects
2.	College of Agricultural Engineering & Technology, Junagadh	B.Tech. (Agril. Engg.)	M.Tech. (Agril. Engg.)	Ph.D. only in SWE	PHP & FE, FMP, SWE, RE
3.	College of Fisheries Science, Veraval	B.F.Sc.	M.F.Sc.	-	FRM, PHT, Mariculture

3.3 Under Graduate Education

(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 Gujcat / JEE conducted by GSEB / CBSE. 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 total seats of state, 85%

seats are allotted to the students of Gujarat domicile. From which 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. Remaining 15% seats of state quota 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 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 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.

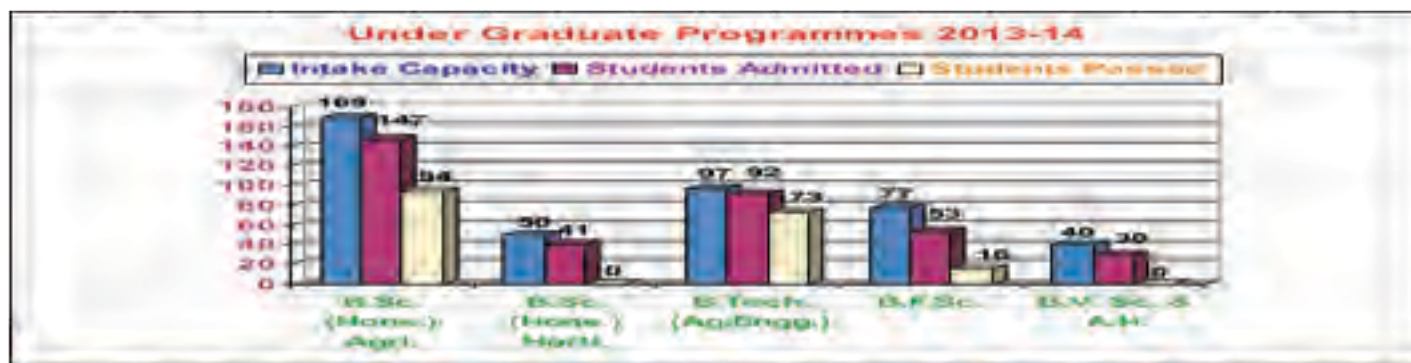
(2) Academic Programmes offered at UG level

Details of admissions at under graduate level in the University for the academic year 2013-14 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	103+20+16	122	94
		College of Agriculture, Motabhandariya (Amreli)	30+0+0	25	-
2	B.Sc. (Hons.) Horti 4 years (8 semesters)	College of Horticulture Junagadh	50+0+0	41	-
3	B.Tech. (Agril. Engg.) 4 years (8 semesters)	College of Agricultural Engg. & Tech., Junagadh	67+20+10	92	73
4	B.F.Sc. 4 years (8 semesters)	College of Fisheries Science, Veraval	58+10+9	53	16
5	B.V.Sc. & A.H. 5 years (10 semesters)	College of Veterinary Science & Animal Husbandry, Junagadh	40+0+0	30	-
Grand Total			348+50+35	363	183

*Intake capacity= Free seats + NRI/Payment seats+ ICAR/VCI 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 2013-14 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	28	18
2	B.Tech. (Agril. Engg.)	College of Agricultural Engg. & Tech., Junagadh	19	8

3.4 Post Graduate Education

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

(1) Procedure of Admission

- 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.
- 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.
- A candidate shall have to appear in the entrance test and 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.

- 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.
- 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.
- Centralised admission procedure is adopted by all the agricultural universities of Gujarat for all PG programmes.
- A candidate should be domicile of Gujarat State. Candidates from other state who has 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 2013-14 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.)/ M.Sc.	2/3 years divided into 4/6 semesters	College of Agriculture, Junagadh	75+12+29	68	85
2	M.Sc. (Horti.)	2 years divided into 4 semesters	College of Horticulture, Junagadh	10+1+4	12	17
3	M.Tech. (Agril. Engg.)	2 years divided into 4 semesters	College of Agricultural Engineering & Technology, Junagadh	19+3+6	21	15
4	M.F.Sc.	2 years divided into 4 semesters	College of Fisheries Science, Veraval	17+3+5	7	22
5	M.B.A. in Agri-Business	2 years divided into 4 semesters	Post Graduate Institute of Agri-Business Management, Junagadh	30+5+8	32	20
6	M.V.Sc.	2 years divided into 4 semesters	College of Veterinary Science & Animal Husbandry, Junagadh	24+3+9	4	3
7	Ph.D.	3 years divided into 6 semesters	College of Agriculture, Horticulture, Agricultural Engineering & Technology and College of Veterinary Science & Animal Husbandry, Junagadh and College of Fisheries Science, Veraval	44+7+17	26	8
Grand Total				219+34+78	170	170

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

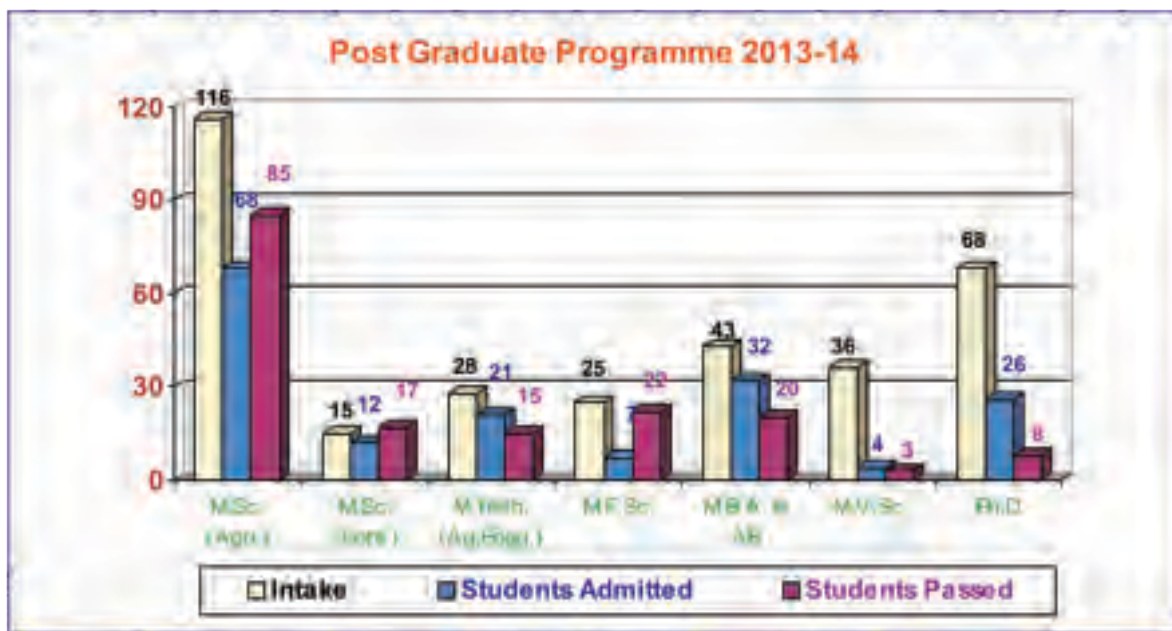


Table 3.4 Number of Students completed Different Degree Course during academic year 2013-14

Degree course	First Class with Distinction	First Class	Second Class	Pass Class	Total
B.Sc. (Hons.) Agri.	17	48	24	5	94
B.Tech. (Ag. Engg.)	14	29	20	10	73
B.F.Sc.	5	6	5	0	16
UG Total					183
M.Sc.	3	13	5	-	21
M.Sc. (Agri.)	12	33	19	-	64
M.Sc. (Horti)	2	10	5	-	17
M.Tech. (Ag. Engg.)	1	9	5	-	15
M.F.Sc.	3	16	3	-	22
MBA in AB	4	7	9	-	20
M.V.Sc.	1	2	0	-	3
Master Total					162
Ph.D.					8
Grand Total					353

3.5 Polytechnic Diploma Education

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 from academic year 2009-10. Two new polytechnic programmes *i.e.* Agril. Engineering and Animal Husbandry were started from the year 2013-14 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 Gujarati / Regional language, Mathematics, Science / Science & Technology, Social Science / Social Studies and 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 sport is given in admission. Weightage of 5% marks is given to farmer's son/daughter in Agricultural and Horticultural diploma programmes.

(1) Duration and Admission Requirement of Polytechnic Diploma Courses

Admission requirements for diploma courses shown in Table 3.5.

Table 3.5 Admission requirements for polytechnic programmes

Diploma course & Duration	Polytechnic	Eligibility for admission
Diploma in Agriculture 3 years (6 sem.)	Polytechnic in Agriculture, Dhari	<p>The candidate should have passed Secondary School Certificate Examination (SSCE) with Gujarati / Regional language, Mathematics, Science / Science & Technology, Social Science / Social Studies and English as compulsory subjects from any statutory Board in Gujarat state. The minimum requirement of aggregate marks shall be as under:</p> <p>1. ST & SC : 33% 2. SEBC : 40% 3. General : 40 %</p>
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 (Only for girls)	
Diploma in Agril. Engg 3 years (6 sem.)	Polytechnic in Agril. Engineering, Targadia (Rajkot)	
Diploma in Animal Husbandry 3 years (6 sem.)	Polytechnic in Animal Husbandry, Junagadh	

2) Admissions of Polytechnic Diploma Courses

Details of admissions at diploma level in the University for the academic year 2013-14 are given in Table 3.6.

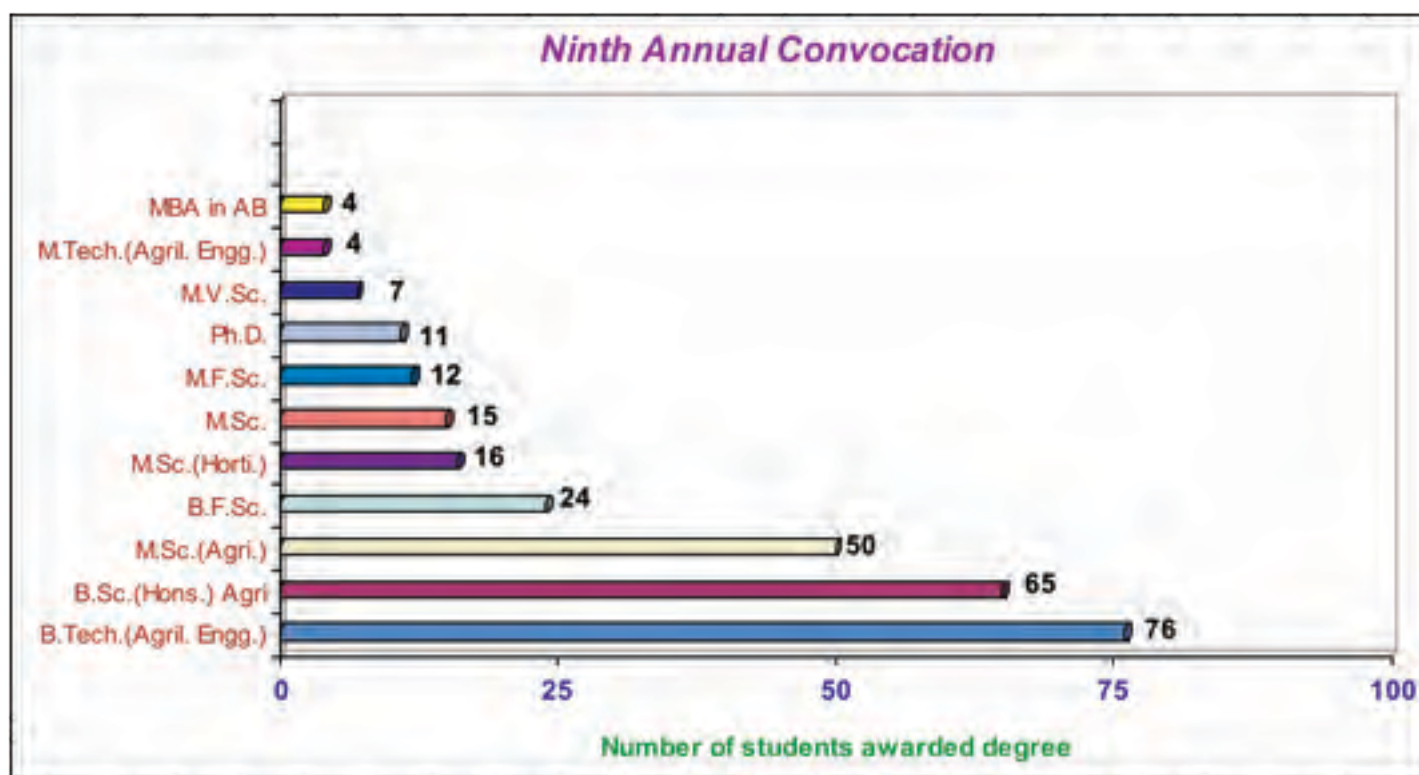
Table 3.6 Details of admissions at diploma level in the University for the academic year 2013-14.

No.	Diploma courses (Polytechnics)	Intake capacity	Students admitted	Students passed
1	Diploma in Agriculture	35	32	29
2	Diploma in Horticulture	35	35	26
3	Diploma in Agro-Processing	35	33	32
4	Diploma in Home Science	35	17	25
5	Diploma in Agril. Engg	35	33	-
6	Diploma in Animal Husbandry	35	32	-

3.6 Annual Convocation

The Ninth Annual Convocation was held at Junagadh on January 15, 2014. Shri A.S. Kiran Kumar, Director, Space Application Centre, Ahmedabad, was the chief guest. As many as 284 students were awarded Under Graduate and Post Graduate degrees by Hon'ble Governor shri of

Gujarat and Chancellor of this University, Dr. Shrimati Kamla. Fourty two 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 Supreme Court in SLP No. 24295 of 2006 dated 16.05.2007 and in Civil Appeal number 887 of 2009, dated 08.05.2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do

and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all colleges of University, and thereby, to provide for the healthy development, physically and psychologically, of all the students.

A women complaint mechanism cell is also established for protection against harassment to girl/woman students. Anyone found guilty will be punished suitably.