



# EDUCATION

## Chapter - III



### 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 as well as polytechnic diploma programmes. The second consists of lower education programme provided at the Agricultural School, School of Baking, Agro-based ITI, Land scaping and Gardening (*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 fourteenth annual report are presented herewith.

### 3.2 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 Gujarat Common Entrance Test/ Joint Entrance Examination 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 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, 5% 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 admitted as per *prorata* basis. There is provision of additional seats for Kashmiri Migrants and Parsi Community (domicile of Gujarat State) also. Out of state quota, 15% seats are reserved for ICAR/VCI candidates, who have cleared All India Entrance Examination conducted by ICAR and VCI, respectively. 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.

Centralised online admission procedure is adopted by all the four Agricultural Universities of Gujarat for all UG programmes.

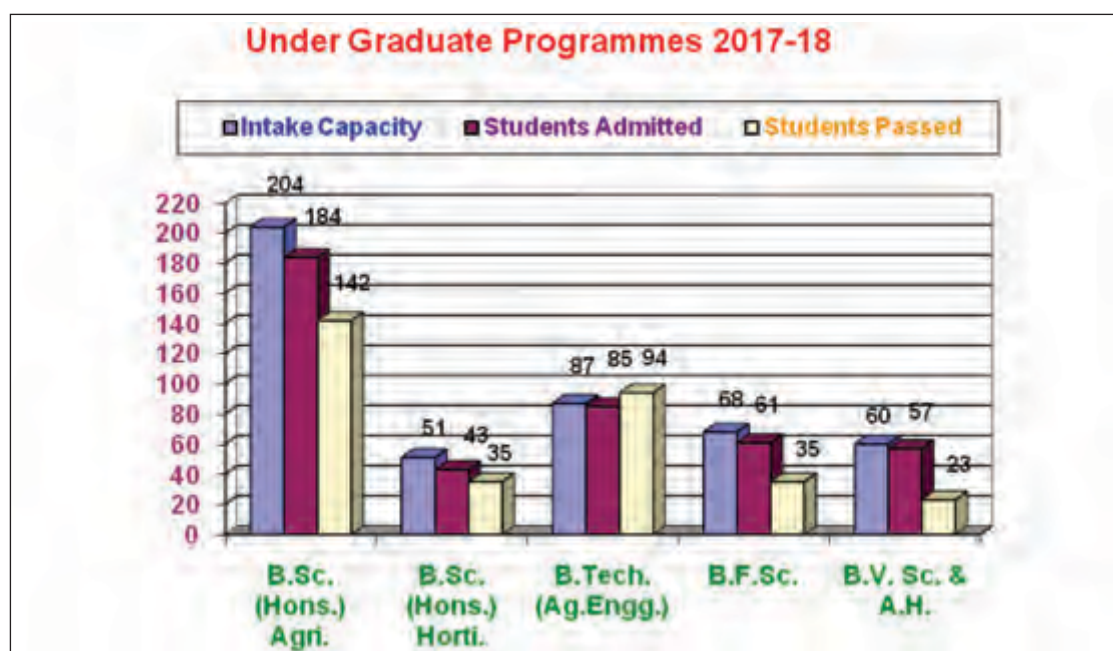
#### (2) Academic Programmes offered at UG level

Details of admissions at under graduate level in the university for the academic year 2017-18 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	105+18	115	124
2		College of Agriculture, Motabhandariya (Amreli)	51+00	45	18
3		College of Agriculture, Khapat (Porbandar)	30+00	24	00
4		Horticulture wing, College of Agriculture, Junagadh	51+00	43	35
5	B.Tech. (Agril. Engg.) 4 years (8 Semesters)	College of Agricultural Engineering & Technology, Junagadh	74+13	85	94
6	B.F.Sc. 4 years (8 Semesters)	College of Fisheries Science, Veraval	58+10	61	35
7	B.V.Sc. & A.H. 5 years (10 Semesters)	College of Veterinary Science & Animal Husbandry, Junagadh	51+09	57	23
<b>Grand Total</b>			<b>420+50</b>	<b>430</b>	<b>329</b>

\*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 (Three years) to degree programme directly in the second year *i.e.* third semester considering the intake capacity of 20% of regular under graduate seats.

**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	12	12
2	B.Sc. (Hons.) Agri.	College of Agriculture, Motabhandariya (Amreli)	5	5
3	B.Sc. (Hons.) Horti.	Horticulture wing, College of Agriculture, Junagadh	5	5
4	B.Tech. (Agril. Engg.)	College of Agricultural Engg. & Tech., Junagadh	9	9

### 3.3 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 as well as in the subject in which admission is sought.
- 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.

Details of admission through diploma to degree programme at under graduate level in the university for the academic year 2017-18 are given below.

- 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.

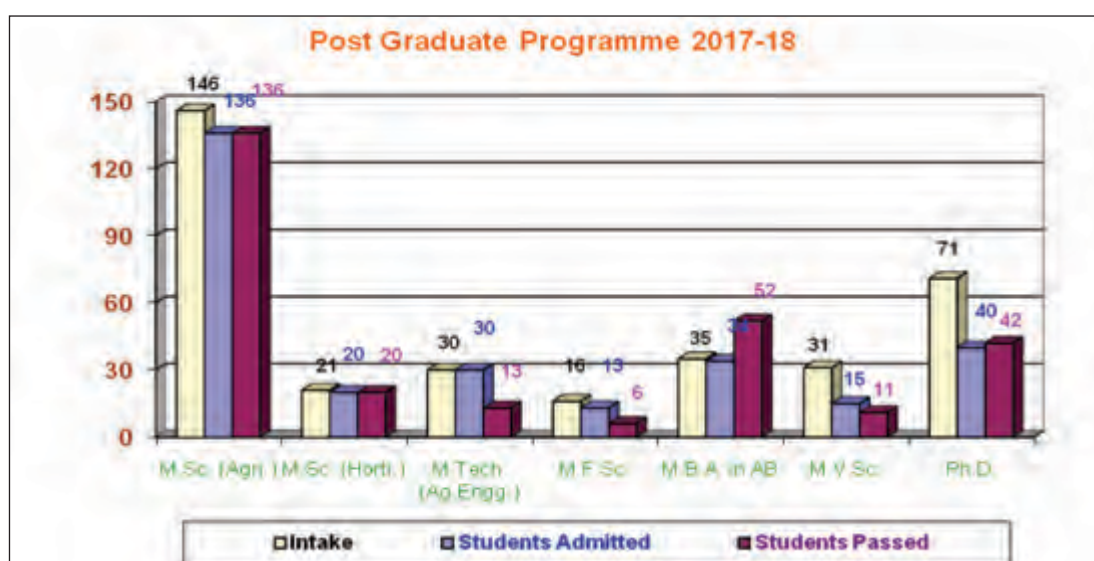
#### (2) Academic Programmes offered at Post Graduates level

Details of admissions at Post Graduate level in the university for the academic year 2017-18 are given in Table 3.3. A total 170 Masters level thesis have been submitted and total 44 Doctoral thesis have been submitted during the period under report.

**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 (4 Semesters)	College of Agriculture, Junagadh	109+37	136	136
2	M.Sc. (Horti.)	2 Years (4 Semesters)	College of Agriculture, Junagadh	16+05	20	20
3	M.Tech. (Agril. Engg.)	2 Years (4 Semesters)	College of Agricultural Engineering & Technology, Junagadh	23+07	30	13
4	M.F.Sc.	2 Years (4 Semesters)	College of Fisheries Science, Veraval	12+04	13	06
5	M.B.A. in Agri-Business	2 Years (4 Semesters)	Post Graduate Institute of Agri-Business Management, Junagadh	26+09	34	52
6	M.V.Sc.	2 Years (4 Semesters)	College of Veterinary Science & Animal Husbandry, Junagadh	26+05	15	11
7	Ph.D.	3 Years (6 Semesters)	College of Agriculture, Junagadh, College of Agricultural Engineering & Technology, Junagadh, College of Veterinary Science & Animal Husbandry, Junagadh, Agri-business Management, Junagadh, and College of Fisheries Science, Veraval	57+14	40	42
<b>Grand Total</b>				<b>269+81</b>	<b>288</b>	<b>280</b>

\*Intake capacity= Free seats + ICAR nominees



**Table 3.4 Number of students graduated with their class obtained from different degree programmes during academic year 2017-18**

Degree course	First Class With Distinction	First Class	Second Class	Pass Class	Total
B.Sc. (Agri.)	01	02	05	02	10
B.Sc. (Hons.) Agri.	71	63	09	06	149
B.Tech. (Ag. Engg.)	27	49	19	06	101
B.F.Sc.	08	29	12	00	49
B.V.Sc. & A.H.	01	02	24	04	31
B.Sc. (Hons.) Horti.	16	27	03	01	47
<b>UG Total</b>					<b>387</b>
M.Sc.	00	09	00	00	09
M.Sc. (Agri.)	17	52	18	00	87
M.Sc. (Horti)	00	11	08	00	19
M.Tech. (Ag. Engg.)	05	09	01	00	15
M.F.Sc.	02	02	00	00	04
MBA in AB	01	17	16	00	34
M.V.Sc.	01	04	00	00	05
<b>Master Total</b>					<b>173</b>
Ph.D.					<b>25</b>
<b>Grand Total</b>					<b>585</b>

### 3.4 Polytechnic Diploma Education

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. 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. Another two polytechnic programmes *i.e.* Animal Husbandry and Agril. Engineering was started from academic year 2013-14.

The admission criteria in the diploma programmes in Junagadh Agricultural University is purely on merit basis *i.e.* percentage of marks obtained at SSCE (10<sup>th</sup> 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 sport 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**

Diploma course & Duration	Polytechnic	Eligibility for admission
Diploma in Agriculture 3 years (6 Semesters)	Polytechnic in Agriculture, Dhari	<p>The candidate should have passed Secondary School Certificate Examination (SSCE) with English as compulsory subjects from any statutory Board in Gujarat State.</p> <p>The minimum requirement of aggregate marks shall be as under:</p> <ol style="list-style-type: none"> <li>1. ST &amp; SC : 35%</li> <li>2. SEBC : 40%</li> <li>3. General : 40 %</li> </ol>
Diploma in Horticulture 3 years (6 Semesters)	Polytechnic in Horticulture, Junagadh	
Diploma in Agro-Processing 3 years (6 Semesters)	Polytechnic in Agro-Processing, Junagadh	
Diploma in Home Science 3 years (6 Semesters)	Polytechnic in Home Science, Amreli	
Diploma in Agril. Engg 3 years (6 Semesters)	Polytechnic in Agril. Engineering, Targhadia (Rajkot)	
Diploma in Animal Husbandry 3 years (6 Semesters)	Polytechnic in Animal Husbandry, Junagadh	

## (2) Admissions of Polytechnic Diploma Courses

Details of admissions at diploma level in the university for the academic year 2017-18 are given in Table 3.6.

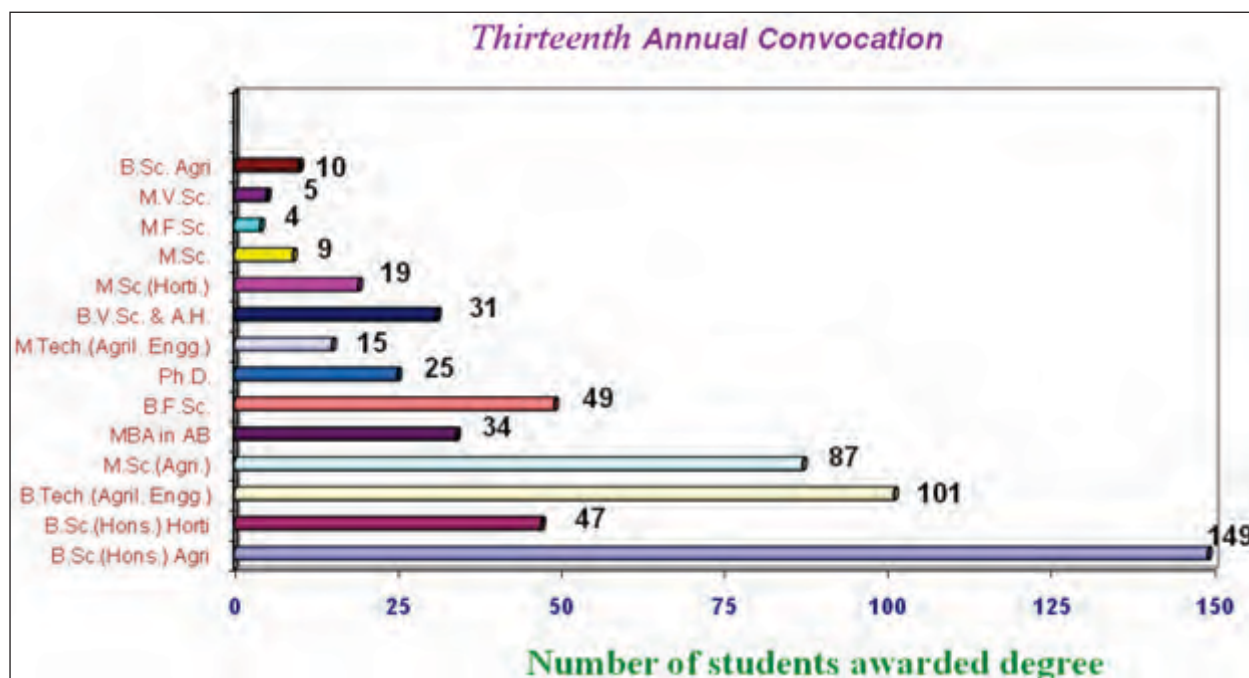
**Table 3.6 Details of admissions at diploma level in the University for the academic year 2017-18.**

No.	Diploma courses (Polytechnics)	Intake capacity	Students admitted	Students passed
1	Diploma in Agriculture	35	30	30
2	Diploma in Horticulture	35	33	23
3	Diploma in Agro-Processing	35	29	18
4	Diploma in Home Science	35	22	21
5	Diploma in Agril. Engg	35	27	21
6	Diploma in Animal Husbandry	35	34	18
<b>Total</b>		<b>210</b>	<b>175</b>	<b>131</b>

## 3.5 Annual Convocation

The Thirteenth Annual Convocation was held at Junagadh on January 28, 2018. **Dr. Trilochan Mohapatra**, Secretary (DARE) & Director General ICAR, Govt. of India, New Delhi, was the chief guest. Shri R. C. Faldu, Hon'ble Minister of Agriculture, Government of Gujarat remained present as Guest of Honour. As many as 585 students were awarded

Under Graduate and Post Graduate degrees by Hon'ble Governorshri of Gujarat and Chancellor of this university, Shree O.P. Kohli. For the academic year 2017-18, 8 Gold Medals, 48 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.



### 3.6 Anti-Raging

#### Prevention and Prohibition of Ragging

In view of the directives 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 indisciplined 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 students.

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

### 3.7 JEMS & NISAGENET

The university has implemented online exam Management System through JEMS (Junagadh Exam Management System). The software has been purchased to strengthen the examination and evaluation system as well as timely and precisely declaration of results, Issuing of notification, marksheet and other examination relevant certificates.

As the directives of ICAR on recommendations of National Statistical Commission (NSC) and the Department of secondary & Higher education of the Ministry of Human Resource Development, Government of India, the National Information System on Agricultural Education Network in India (NISAGNET) cell made functional at the Office of Registrar. The main function of cell is to collect, compliance and upload the university data in NISAGNET portal run by ICAR.