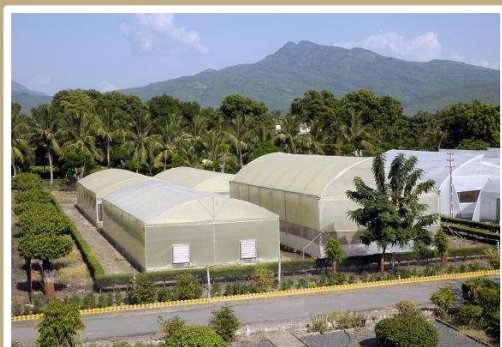


## Chapter-I

## Introduction











## Junagadh Agricultural University

The Junagadh Agricultural University was established on 1<sup>st</sup> May, 2004 under Gujarat Agricultural Universities Act-2004. On completion of its sixth year, Annual Report is published with detailed information about its various activities, targets & achievements and present & future plans.

### 1.1 Background

The Junagadh Agricultural University came into existence from 1<sup>st</sup> May, 2004 as a part of process of development of Agricultural Universities in Gujarat through an Act of Gujarat Legislative Assembly. The jurisdiction of this University includes all seven districts of Saurashtra region i.e. Junagadh, Rajkot, Jamnagar, Surendranagar, Bhavnagar, Amreli and Porbandar. The head quarter of this University is located at Junagadh.

### 1.2 Aim

The aim of Junagadh Agricultural University is to promote agricultural productivity in general and to improve the economic condition of rural community in particular through integration of teaching, research and extension education.

### 1.3 University Organization

As per the GAUs Act-2004, the Chancellor, Vice Chancellor, Director of Research & Dean PG Studies, Dean Faculty of Agriculture, Dean Faculty of Agricultural Engineering & Technology, Dean Faculty of Fisheries Science, Dean Faculty of Veterinary Science & Animal Husbandry, Director of Extension Education, Registrar, Comptroller and Director of Students' Welfare, are officers of the University.

H.E. the Governor of Gujarat acts as the Chancellor of the University. During the

period under report, Her Excellency the Governor Dr. Shrimati Kamla has taken over the charge as the Chancellor (on 27.11.2009), Dr. N.C. Patel as the Vice Chancellor (on 01.06.2009) and Dr. R.L. Shiyani as the Registrar (on 15.06.2009) of the University.

The details of various activities of the University are as follows:

### 1.4 Education

The education programme in Junagadh Agricultural University is based on two tier system. The first one covers higher education in Agriculture, Agricultural Engineering & Technology, Fisheries Science and Veterinary Science & Animal Husbandry, in which polytechnic diploma, UG and PG resident instruction programmes are covered. While the second consists of lower education, i.e., diploma and certificate programmes like Horticulture Diploma, Agriculture Diploma, Bakery Training, Livestock Inspector Training, Mali Training as well as Extension Education Training.

During the period under report, 100 students at polytechnic diploma level, 226 students at UG level and 150 students at PG level were given admission in various colleges of the University i.e. College of Agriculture, College of Agricultural Engineering & Technology, College of Veterinary Science & Animal Husbandry and PG Institute of Agri-Business Management at Junagadh and College of Fisheries Science at Veraval. During the period, 124 students at UG level and 68 at PG level have successfully completed their degree courses.

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.

## 1.5 Research

The various research projects, their monitoring and supervision, planning and implementation of research activities at different research stations as well as the PG teaching programmes and their evaluation in different disciplines were carried out under the guidance of Director of Research & Dean PG Studies during the year under report.

Junagadh Agricultural University has 30 research stations including multi-disciplinary main research stations, sub centres on various crops and testing centres spread over in North Saurashtra Agro-climatic Zone and South Saurashtra Agro-climatic Zone. These research stations are working in the field of Agriculture, Agricultural Engineering, Animal Sciences and Fisheries for catering the needs of farmers, artisans, livestock holders, fishermen and rural masses for their upliftment. The research activities have been carried out in Plant Breeding, Soil Science, Cropping System, Water Management, Weed Management, Nutrient Management, Organic Farming, Horticulture, Plant Protection, Agricultural Meteorology, Plant Physiology, Biochemistry, Biotechnology, Social Sciences, Agricultural

Engineering, Animal Science, Fisheries Science etc.

The efforts made by scientists of the University emerged in 43 farmers' recommendations and six scientific recommendations as well as 134 new technical programmes were developed during the reporting year. It also resulted in emerging five new crop varieties for farmers. Besides this, seed production programmes were also taken up in different crops and varieties. About 2060.86 q nucleus/breeder seed and 8105.74 q truthful seed were produced. During the year under report, total 31 new research projects were sanctioned by ICAR, Government of India, Government of Gujarat and other agencies.

## 1.6 Extension Education

Through the extension education activities, total 238 students have completed different certificate/diploma courses *viz.*, Horticulture Diploma, Agricultural Diploma, Livestock Inspector Training, Bakery Training, *Mali* Training etc. The T & V system programmes were also held and about 238 extension workers were given training. Four other training programmes were also organised, 108 participants were given training. Through the Transfer of Technology (TOT) Centres, 180 on-campus and 267 off-campus training programmes were organized, wherein 17397 participants received training. Besides this, the TOT centres had planned and organised 2764 extension education activities like symposia, workshops, farmers' days, agricultural exhibitions, fairs, visual programmes, field visits, cattle camps, meetings etc. through which total 33230 peoples were benefited. In all, 636 FLDs were conducted on various crops in 300.7 ha



## Junagadh Agricultural University

through KVKs. The farmers' problems were solved through personal visit and proper guidance by KVKs. The feed back on farmers' problems is collected and sent to concerned scientist to reform further research.

Through 404 programmes arranged by Farm Advisory Scheme, total 3240096 participants were benefited. Under COC scheme, 51 GKSs were formulated and 36 *Khedut Shibirs* were organised in which 5639 farmers participated. Eight bakery training *shibirs* were also organised under COC scheme which benefited 453 participants. Extension Education Centres *viz.*, LITC, School of Baking and Fisheries Extension Centre benefited 15229 people by organising 177 extension programmes.

The efforts are made to inform farmers/rural people about technological advancement through different media *viz.*, TV, radio and publication of agricultural literature. During the report period, 15 TV programmes and 2 radio talks were given by agricultural scientists. Besides this, 24 folders and 6 books were published and 23 subscribers for '*Krush-Go-Vidya*' were registered. University news bulletin "*JAU News letter*" is being published regularly by the Directorate of Extension Education.

During the year under report, 11 exhibitions / Agril. Fair were organized, of which, 3236 farmers and extension workers availed the benefit. During *Krush Mahotsav-2009*, the University organized 73 *Khedut Shibirs* in which 52,226 farmers participated & also organized 11 *Parisanvad* on different topics in which 3842 rural people participated. About 184098 people participated in a three-

day mega agricultural fair organised by the University.

### 1.7 Students' Welfare

The University authority is always looking forward to the welfare of the students through different activities like sports, cultural, spiritual programmes, NSS, health, adventure, educational tour with a view to develop personality, character and high human values in UG and PG students of the University.

The campus interviews were arranged for placement of students from different colleges. Total 13 inter-collegiate sports and cultural activities were organised by the University. The University students participated in All India Inter Agricultural University Sports and Games Meet-2010 held at MAU, Parbhani and three inter-University (SAU, Gujarat) tournaments. Students also participated in Gujarat State Inter Agricultural University Cultural-Literacy Competition, Inter University National Debate Competition, All India Agricultural Universities Youth Festival and Basic Rock Climbing Course. Under NSS, 23 programmes were organised. Educational tour was arranged for the students of College of Agriculture, College of Agricultural Engineering & Technology and College of Fisheries Science. Various scholarships were availed to the students. About five spiritual and health awareness programmes were organised.

### 1.8 Estate Management

The construction & its related works, repairs & maintenance of buildings & roads, water supply, maintenance of drainage system, street light, electrification, repairing of



## Junagadh Agricultural University

electrical faults, all these works are looked after by the Executive Engineer of this University.

During the year under report, Construction Committee and Board of Management accorded approval for various works meant for creating new facilities at campus level as well as at other centres of the University.

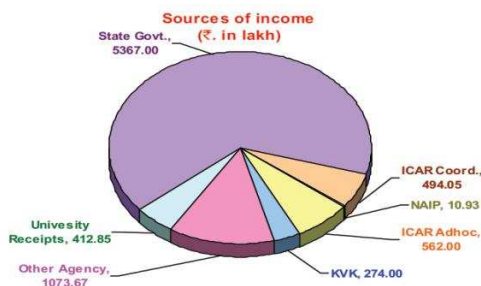
### 1.9 Finance and Accounts

Major sources of finance were Government of Gujarat, Government of India, ICAR and other agencies which sanctioned grant through different schemes. During the period under report, State Government sanctioned ₹ 2440.00 lakhs under plan budget and ₹ 2926.18 lakhs under non-plan budget. The revised non-plan budget was put up as per the need of the University, but due to non-availability of additional grant, there is a cumulative deficit of ₹ 1222.71 lakh since 2004-05 in non-plan projects.

#### The finance sources, fund and budget (₹ in Lakh)

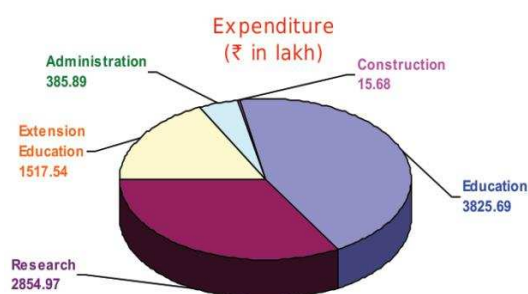
##### Income :

■ Opening Balance as on 01.04.2009	87.07
■ Grant Received during 2009-10	
➤ State Government	5367.00
➤ ICAR Coordinated Projects	494.05
➤ ICAR Adhoc	562.00
➤ KVK	274.00
➤ NAIP	10.93
➤ Other Agencies	1073.67
■ University Receipts	412.85
<b>Total</b>	<b>8281.57</b>



#### Expenditure: (₹ in Lakh)

➤ Education	3825.69
➤ Research	2854.97
➤ Extension Education	1517.54
➤ Administration	385.89
➤ Construction	15.68
<b>Total</b>	<b>8599.77</b>



The University is entrusted with the work of Internal Audit, Local Fund Audit and AG Audit. During the period under report, Local Fund, Junagadh has done the audit work for the year 2005-06, 2006-07 and also the auditing by Accountant General got completed for the financial year 2008-09, and settled the primary audit objections.

The internal audit was done by the help of internal staff available at the University. Moreover, audit of different projects funded by various agencies viz., ICAR, Central Government and ICAR sponsored other agencies were also audited by Chartered Accountant and Audit Utilization Certificates were sent to the funding agencies for timely allocation of fund.

Physical store verification was also carried out by internal arrangement. During the period of the report, verification reports for various centres were submitted to the University.





## Junagadh Agricultural University

### CHAPTER-I

### Introduction

13

The pension cases on account of superannuation, retirement and voluntary retirement of the officers/employees from the University have been settled granting the pension/commuted pension and gratuity. Total 61 cases (PPO No. 228 to 268) were sanctioned during the year and the payment was made to the staff/officers for their benefits of retirement.

Part-final advances worth ₹ 832.18 lakhs were sanctioned and final payments of ₹ 77.16 lakhs were made to the retired officers/employees during the year under the report.

#### 1.10 Information Technology

Junagadh Agricultural University has 4 Mbps BSNL leased line connectivity and it is also connected to Gujarat State Wide Area Network (GSWAN) through radio connectivity. Internet, e-mail and Research References have been provided and maintained through Local Area Network (LAN). These services have greatly boosted the educational, research and extension activities of the University. The centre has also given training to University employees, which covered fundamental aspects of computer operating. In addition to above services, from this year the University circulars are circulated to all the concerned through e-mail service and also kept on intranet.

Junagadh Agricultural University has its website having the URL of [www.jau.in](http://www.jau.in). This web site includes various aspects and activities of Junagadh Agricultural University like Administration, Education, Research, Extension Education, Library facility, important announcements / events, tenders, advertisements, RTI, telephone directory etc. Further, a Web Mail Service has been

incorporated in the website enabling the user to read and reply e-mail from any computer of LAN.

The University Library possesses 43000 books, 200 journals and 15000 back volumes. Cyberary with 100 Mbps LAN connectivity enables users with online database like CABI, AGRICOLA, Full time internet, scanning and CD writing facilities are available for the students in the Cyberary. The book bank facility also exists for students. The library is marching towards automation through Libsys software for the circulation of library materials to users.

#### 1.11 Accreditation

The Accreditation Board of ICAR, New Delhi granted accreditation to the Junagadh Agricultural University and its three constituent colleges viz, College of Agriculture, Junagadh; College of Agricultural Engineering & Technology, Junagadh and College of Fisheries Sciences, Veraval. The under graduate programmes as well as the post graduate programmes of different disciplines of these colleges were accredited for five years from June 25, 2009.



