

Introduction



Chapter-I





The Junagadh Agricultural University was established on 1st May, 2004 under Gujarat Agricultural Universities Act-2004. On completion of its fifth 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 1st 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.

His Excellency the Governor of Gujarat acts as the Chancellor of the university. During the period under report, His Excellency the Governor Shri Nawal Kishore Sharma acted as the Chancellor, Dr. B.K. Kikani as the Vice Chancellor and Dr. D.B. Kuchhadiya as the Registrar 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 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, 214 students at UG level and 70 students at PG level were given admission in the various colleges of the university i.e. College of Agriculture, College of Agricultural Engineering & Technology at Junagadh and College of Fisheries Science at Veraval. 123 students at UG level and 60 at PG level have successfully completed their degree courses.

During the year under report the Fourth Annual Convocation was held at



Junagadh on 9th April, 2009. Dr. Mangala Rai, Director General, ICAR, New Delhi was the chief guest. As many 163 students were awarded Under Graduate and Post Graduate degrees by His Excellency the Governor of Gujarat and Chancellor of this university Shri Nawal Kishore Sharma. Thirty Gold Medals 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 multidisciplinary 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, Horticulture, Plant Protection, Social Sciences, Agricultural Entomology, Plant Pathology, Agricultural Engineering and Fisheries etc.

The efforts made by scientists of the university emerged in 30 farmers' recommendations and 84 new technical programmes during the reporting year. It also resulted in emerging two new crop varieties for farmers. Besides this, seed production programmes were also taken up in different crops and varieties. During the year under report, total 17 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 245 students have completed different certificate/diploma courses *viz.*, Agriculture Diploma, Live-stock Inspector Training, Bakery Training, *Mali* Training etc. The T & V system programmes were also held and about 149 extension workers were given training. Other four training programmes were also organised and 114 participants were given training. Through the Transfer of Technology (TOT) Centres, 237 on-campus and 257 off-campus training programmes were organized, wherein 10374 participants received training. Besides this, the TOT centres had planned and organised 1255 extension education activities like symposia, workshops, farmers' days, agricultural exhibitions, fairs, visual programmes, field visits, cattle camps, meetings etc.

through which total 271395 people were benefited. In all, 649 FLDs were conducted on various oilseeds and pulses in 399.8 ha 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 309 programmes arranged by Farm Advisory Scheme, total 989549 participants were benefited. Under COC scheme, 22 GKSs were formulated and three *Khedut Shibirs* were organised in which 84 farmers participated. Extension Education Centres *viz.*, LITC, School of Baking and Fisheries Extension Centre benefited 42303 people by organising 276 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, 17 TV programmes and 22 radio talks were given by agricultural scientists. Besides this, 34 folders and 5 books were published and 277 subscribers for '*Krush-Go-Vidya*' were registered. University news bulletin "*Krush Vishwa*" is being published regularly by the Directorate of Extension Education.

During the year under report, 14 exhibitions of agricultural literature were organised, of which 143015 farmers and extension workers availed the benefit. During *Krush Mahotsav-2008*, 16 *shibirs* were organised, in which 9953 rural people were participated.

1.7 Students' Welfare

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

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-2009 held at JNKVV, Jabalpur and two inter-university (SAU, Gujarat) tournaments. Under NSS, nine programmes were organised. Educational tour was arranged for the students of all the three colleges. Various scholarships were availed to the students. About nine spiritual and national spirit programmes were organised. During the year, two programmes for leadership and one training programme for entrepreneurship development were organized.

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 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.

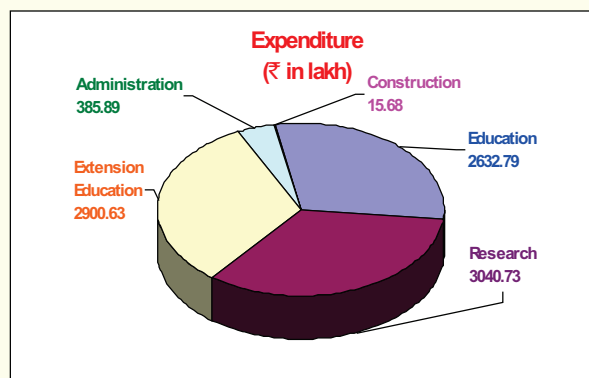
1.9 Finance and Accounts

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 ₹ 2246.10 lakhs under plan budget and ₹ 2773.80 lakhs under non-plan budget. The revised non-plan budget was put up as per the need of the university, but State Government had not sanctioned the additional grant and hence, there was a deficit of ₹ 691.73 lakhs in non-plan projects.

The finance sources, fund and budget

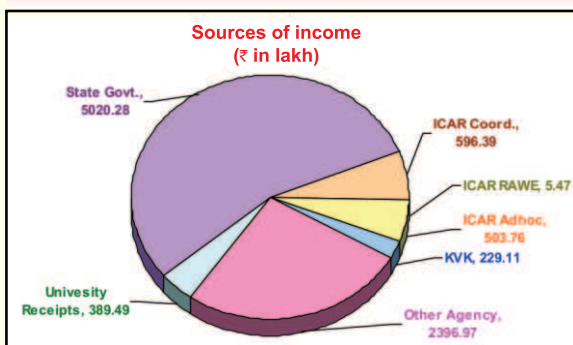
Expenditure (₹ in Lakh) :

❖ Education	2632.79
❖ Research	3040.73
❖ Extension Education	2900.63
❖ Administration	385.89
❖ Construction	15.68
Total	8975.72



Income (₹ in Lakh) :

❖ Opening Balance as on 01.04.2008	-78.68
❖ Grant Received during 2008-09	
❖ State Government	5020.28
❖ ICAR Coordinated Projects	596.39
❖ ICAR RAWE	5.47
❖ ICAR Adhoc	503.76
❖ KVK	229.11
❖ Other Agencies	2396.97
❖ University Receipts	389.49
Total	9062.79



The university is entrusted with the work of Internal Audit, Local Fund Audit and AG Audit. During the period under report, the Local Fund, Junagadh had done the audit work for the period 2004-05 and settled the primary audit objections.



The audit work has been done by the Accountant General, Audit Office, Rajkot for the financial year 2005-06 and 2006-07 of the University.

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, ICAR sponsored, other agencies were also audited by Chartered Accountant and Audit Utilization Certificates were send to the funding agencies for timely allocation of fund.

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

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. 164 to 227) were sanctioned during the year and the payment was made to the staff/officers for their benefits of retirement.

Part-final advances worth ₹ 768.03 lakhs were sanctioned and final payments of ₹ 60.77 lakhs were made to the retired officers/employees during the year under the report.

1.10 Information Technology

Junagadh Agricultural University has 2 mbps BSNL leased line connectivity and it is also connected to Gujarat State Wide Area Network (GSWAN) through

radio connectivity. Internet, e-mail, Research References and Indian Harvest Database have been provided and maintained through Local Area Network (LAN). These services have greatly boosted the educational, research and extension education activities of the university. The centre has also given training to university employees, which covered fundamental aspects of computer operating.

Junagadh Agricultural University has its website having the URL of 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 43245 books, 240 journals and 20000 back volumes. Cyberary with 100 mbps LAN connectivity enables users with online database like CABI, AGRICOLA, Indian Harvest etc. 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.

