

ANNUAL PLAN PROPOSALS 1987-88

KERALA AGRICULTURAL UNIVERSITY

Introduction

The Kerala Agricultural University came into existence on 24th February 1971 under the Kerala Agricultural University Act 1971. The headquarters of the University is situated at Vellanikkara near Trichur town. The College of Horticulture and the Faculty of Forestry are also located here. The Colleges located in other campuses are College of Veterinary & Animal Sciences, Mannuthy; College of Banking & Co-operation, Mannuthy, Trichur District; Faculty of Fisheries, Panangad, Ernakulam District; College of Agriculture, Vellayani, Trivandrum District; College of Home Science, Vellayani, Trivandrum District and College of Agricultural Engineering & Technology, Tavanur, Malappuram District. In addition to the afore-said educational institutions the University has 21 research stations located in different agro-climatic regions which conduct research on perennial and annual crops of relevance to Kerala State. Some of the stations have been recognised as centres for post-graduate research.

Under the National Agricultural Research Project (NARP), the State was divided into 5 regions viz. Northern region, Central region, Southern region, High range region and Special Problem region and five research stations were upgraded as Regional Agricultural Research Stations, which function as lead stations supporting the other satellite stations located in the respective regions. The major Regional Agricultural Research Stations are located at Pilicode (Kasargode Dist), Ambalavayal (Wynad Dt), Pattambi (Palghat Dt.), Kumarakom (Kottayam Dt.) and Vellayani (Trivandrum Dt.)





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Besides academic programmes at graduate and post-graduate levels, the University is actively engaged in research and extension activities.

The Kerala Agricultural University is supported financially mainly by the Kerala State Government. Financial assistance for specified projects is also derived from ICAR, NARP, Kerala Agricultural Extension Project (T&V) SIDA, Department of Science & Technology, Department of Environment etc.

Under the annual plan for 1987-88, the University had originally envisaged an outlay of Rs. 500 lakhs as financial assistance from the State Government. But, the Government of Kerala has indicated a provision of Rs. 266 lakhs as financial assistance to the Kerala Agricultural University for the year 1987-88, whose utilization has been furnished hereunder under different sub-heads under the main heading "Agricultural Research and Education".

1. Agricultural Research & Education

(Total outlay - Rs.266 lakhs)

1.1. Works

(Outlay - Rs.104 lakhs)

Even though the Kerala Agricultural University was established in 1971, it is still in developing stage. Many constructions undertaken in a phased manner remain to be completed, for which funds are absolutely essential. During 1987-88, completion of the committed works is envisaged. The Academic building for Fisheries College (20 lakhs), UG Hostel for boys at Mannuthy for Veterinary College (Rs. 50 lakhs), Residential quarters (flat type) at Mannuthy and Vellanikkara (Rs. 20 lakhs),

Academic building for Veterinary College at Mannuthy (Rs.10 lakhs) and low cost residences at College of Agricultural Engineering, College, Tavanur (Rs.4 lakhs) are in the various stages of constructions.

The land for Fisheries College has been acquired, and the Academic building necessary to accommodate under graduate and post graduate classes has to be completed at the earliest. The intake of students in Veterinary College was increased from 80 to 120 during 1984-85 as suggested by Government of Kerala which demanded increasing the hostel facilities and classrooms & laboratory. The necessity to provide residential accommodation for staff is keenly felt and a provision of 20 lakhs have been made to complete very essential items on which works have been started. The College of Agricultural Engineering, Tavanur started in 1985 is situated in a village area, where, practically all infrastructural facilities are to be developed. The works on low cost housing have already started and the amount set apart is for of the completion low cost houses.

#### 1.2. Faculty of Agriculture

(Outlay - Rs. 36 lakhs)

Under the Faculty of Agriculture, there are two colleges besides 21 research stations. The Kerala Agricultural University is actively engaged teaching at undergraduate and post graduate levels and conducting research on important crops under different agro-climatic and soil conditions.

##### 1.2.1. College of Agriculture, Vellayani, Trivandrum

(Outlay - Rs.8 lakhs)

The College of Agriculture located at Vellayani, Trivandrum was started in 1955 and offers both under-

graduate and post graduate courses besides research activities. Strengthening of PG programme, Development of Agricultural Economics discipline, partial assistance to book bank, purchase of essential equipment, advance training to teachers and providing additional research facilities for post-graduate students are the areas identified for financing from plan funds. The requirement for the above is estimated as Rs. 8 lakhs for 1987-88.

1.2.2. College of Horticulture, Vellanikkara, Trichur.

(Outlay - Rs.10 lakhs)

The College of Horticulture, Vellanikkara, Trichur established in October, 1972, offer UG and PG courses in Agriculture and has an Instructional Farm with an area of 95.3 ha. The intake of students has been restored to 150 and the total strength works out to 846. Equipment and fittings, educational tours of the students, partial assistance to book bank, improving the computer cell, vegetable seed production Complex, instructional farm, Centre for Advanced Studies on Tree Crops and environmental horticulture, additional research facilities for post graduate students and advanced training to teachers are some of very important aspects for which, provisions are to be made. To accomplish the above, an outlay of Rs. 10 lakhs is made for during 1987-88.

1.2.3. Agricultural Research (Headquarters)

(Outlay Rs. 3 lakhs)

The Directorate of Research at headquarters requires additional support to cope up with the enhanced work load. Strengthening of the Directorate of Research, Improvement of research administration, planning and co-ordination and monitoring and evaluation wings is

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F.No.1-8/84-Edn.IV

Dated the 17th February, 1989

To

The Director of Research,  
(All SAU's)

Subject :- Preparation of the Status Report -

Sir,

Inviting your reference to my earlier letter of even number dated 4th January, 1989, I regret to say that despite our repeated requests for finalization and submission of the Status Report of the various zones in the jurisdiction of your University, the Reports are yet to be received from you.

Meanwhile, in continuation of the Paiyur (TNAU) and Lam (APAU) yet another Status Report i.e. for Dantiwada (GAU) is sent herewith ( 3 copies ) to serve as a model.

Since, the Reports are required for the mid-term-review of the NARP which is scheduled to be conducted shortly I request that 10 copies of each Status Report of the various zones in the jurisdiction of the University may please be made available to the Project Unit of the NARP without further loss of time.

Yours faithfully,

S. P. Ghosh  
(S.P.Ghosh) 17.2.89.  
Project Director (NARP).

Encl: As above.

envisaged, for which a provision of 3 lakhs is required for the year 1987-88.

#### 1.2.4. Agricultural Research Station

(Outlay - Rs.15 lakhs)

Eventhough, most of the research stations fall under the purview of NARP, there are many areas, for which, no financial assistance is obtained from external sources. Many schemes such as Multi State Cashew Research Project, KADP have been terminated due to completion of their tenure. The research works initiated in these schemes have to be continued especially on perennial crops. Based on the above facts, the following areas have been identified for financial assistance from Plan funds.

(i) Cultivation changes on crops, (ii) Establishment of new centres of research on special problems, (iii) Strengthening of a bio-technology laboratory and radiotracer laboratory started under erstwhile KADP, (iv) Financial support to the erstwhile projects like MSCRP, KADP etc. and (v) Funding for urgent new research programmes.

To accomplish the above, an outlay of Rs. 15 lakhs is sought for during the financial year 1987-88.

#### 1.3. Faculty of Veterinary & Animal Sciences

(Outlay - Rs.28 lakhs)

The College of Veterinary & Animal Sciences became a constituent unit of KAU in February 1972. The College and its campus occupy an area of 195 ha. at Mannuthy. The college has instructional farms at Mannuthy, Thiruvazhamkunnu and Thumburmuzhi and a Veterinary hospital at Kokkalai. The College offers both undergraduate and post graduate courses. As per request of

the Government of Kerala, the intake of students has been increased from 80 to 120 from the academic year 1984-85. This was effected taking into account of the acute shortage felt for veterinary graduates in the State. The additional intake of students has necessitated additional facilities by way of class rooms, laboratory and hostel facilities urgently. The outlay for 1987-88 sought for the above is Rs. 28 lakhs, although the requirements will be more.

#### 1.4. Faculty of Fisheries

(Outlay - Rs.10 lakhs)

The College of Fisheries was originally started at Mannuthy in the academic year 1979-80. In 1981, the College was shifted to the new campus at Panangad, Ernakulam district. The college offers four year course leading to B.F.Sc. degree. The intake capacity of the students for U.G. programme is 20 per year. After the acquisition of land at Panangad, various construction programmes are in progress. Rs. 21 lakhs have to be paid as additional compensation towards land acquisition. The College of Fisheries is still in its early stage of development. An outlay Rs. 10 lakhs is thus provided for the development of academic facilities for the College as well as for research activities.

#### 1.5. Faculty of Forestry

(Outlay - Rs.1 lakh)

The College of Forestry was started in Vellanikkara campus in the year 1985. The initial intake of students to the College for U.G. programme has been fixed as 15 and the College has already initiated UG and PG courses of study in 1986. The degree programme has been approved by the ICAR. Eventhough, the expenditure on this faculty will be borne out of the funds of ICAR, a token



provision of Rs. 1 lakh has been envisaged for 1987-88 for meeting items of expenditure not covered under ICAR norms.

1.6. Faculty of Basic Sciences & Humanities

(Outlay - Rs.1 lakhs)

The faculty of Basic Science & Humanities College was established in 1984. This faculty is necessary to support teaching and research in basic sciences that are needed in agricultural sciences. No separate degree programme is however contemplated. A token provision of Rs. 1. lakh is envisaged during 1987-88 for the college.

1.7. College of Co-operation & Banking

(Outlay - Rs.5 lakhs)

The college of Co-operation & Banking was started at Mannuthy in the year 1981 with an annual intake of 30 students for UG programme. Post graduate courses on rural banking and rural marketing management are also being offered in the college. The total number of students presently available is 131. To carry out the minimum academic programmes and providing amenities to the students, a provision of Rs. 5 lakhs is made for the financial year 1987-88.

1.8. Faculty of Agricultural Engineering

(Outlay - Rs.9 lakhs)

College of Agricultural Engineering was established in 1986-87 at Tavanur, Malappuram Dist. This college offers UG and PG courses. The annual intake of students is 30. Being a new college, almost all infrastructural facilities by way of laboratories, equipments, machinery etc. are to be developed. A provision of Rs.9 lakhs is to be made for 1987-88 year.

1.9. Faculty of Rural Home Science (1986-87-88)  
(Outlay Rs. 2 lakhs)

The establishment of the College of Rural Home Science has been approved by Government of Kerala. The College was inaugurated on 8-9-1986 at Vellayani (Trivandrum) campus of the University.

During the academic year 1986-87, 30 students have been admitted for bachelor's degree course. The college is at present functioning in the Agricultural College campus and has no facilities of its own. The College requires basic facilities for running the teaching programmes. An amount of Rs. 2 lakhs is included for the plan period 87-88.

1.10. National Agricultural Research Project (NARP)

(Outlay Rs.41 lakhs)

The KAU was brought under the purview of the National Agricultural Research Project (NARP) to help strengthening the regional research capabilities. Under the Phase-I programme started in the year 1980-81, five Regional Research Stations located at Pilicode (Cannanore Dt), Ambalavayal (Wynad Dist), Pattambi (Palghat Dt.), Kumarakom (Kottayam Dt.) and Vellayani/KottarakkaraDt (Trivandrum Dt) were identified for the development of infrastructural and other research facilities. The assistance under Phase I programme was utilised for strengthening staff, providing scientific equipments and meeting the research operational costs based on problem oriented research activities identified for each region. On completion of the Phase-I programme, the commitment already made on incremental staff and research operational cost has to be met by the State Government as per

agreement originally entered into. This commitment works out to Rs. 59.43 lakhs. But, in view of the limitations a restricted outlay of Rs. 41 lakhs alone is suggested for 1987-88.

1.11. Extension

(Outlay - Rs.3 lakhs)

For implementing the various extension programmes undertaken by the University, a provision of Rs. 3 lakhs is made. The proposal items to be covered are strengthening Directorate of Extension, Krishi Vijnan Kendra at Manjeswar, Scheme for the tribal area research, strengthening communication Centre and University Press. Exhibitions, seminars and workshop have also to be periodically conducted by the Extension Wing of KAU.

1.12. Central Library

(Outlay Rs. 1 lakh)

The Library facilities in the Kerala Agricultural University are to be considerably improved especially taking into account the number of educational institutions. A Central Library facility is proposed in a main campus for providing microfilm readers, documentation facilities etc. A token provision of Rs. 1 lakh is made for this purpose.

1.13. Headquarters amenities (Administration)

(Outlay Rs. 5 lakhs)

This amount is intended for providing a staff bus, development of KAU School and expansion of area in the main campus. Even though the headquarters' campus of the KAU has more than 400 ha. It has no wet lands. We have

about 5 ha. of wet land at Mannutny which is not sufficient to provide work experience for the undergraduates. Hence it is proposed to acquire about 10 ha. of wet land at Vellanikkara.

1.14. State Share for ICAR Schemes

(Outlay Rs. 20 lakhs)

The schemes/projects sanctioned by the Indian Council of Agricultural Research (ICAR) have to be supported by the Kerala Agricultural University partially as per the stipulations of the ICAR, for which, a provision of Rs. 20 lakhs is envisaged during 1987-88.

FINANCIAL STATEMENT OF ACTIVITIES  
AGRICULTURAL RESEARCH AND EDUCATION  
KERALA AGRICULTURAL UNIVERSITY-1987-88.

(Rs. in lakhs)

Sub-heads	Research	Education	Others	Total
1. Crop husbandry	18	18		36
2. Animal husbandry	10	18		28
3. Fisheries	3	7		10
4. Forestry	---	1		1
5. Basic Science & humanities	---	1		1
6. Co-operation & Banking	---	5		5
7. Agricultural Engineering	---	9		9
8. Rural Home Science	---	2		2
9. National Agricultural Research Project (NARP)	41	---		41
10. Extension	---	---	3	3
11. Administration	---	---	5	5
12. Central Library	---	---	1	1
13. Works	---	---	104	104
14. State share for ICAR schemes	20	---	---	20
Total	92	61	113	266

Sd/-

DIRECTOR OF RESEARCH