

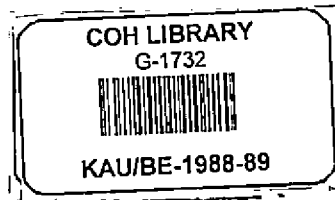
G-1732
KAU-BE/01

BUDGET ESTIMATE 1988-'89

mi
4.4.1988

ASSOCIATE DIRECTOR OF RESEARCH (M & E)
KERALA AGRICULTURAL UNIVERSITY
VELLANIKKARA, TRICHUR-680 654

P-5 for St. Kierstheny DOR



KERALA AGRICULTURAL UNIVERSITY

MAIN CAMPUS: VELLANIKKARA

TRICHUR 680 654

G-1732
K.A.U. BE/89

Nothing contained in these estimates should be construed to convey sanction or to be cited as authority for incurring any expenditure or undertaking any liability. Sanction of the competent authority has to be obtained invariably in advance.

RECEIVED
DIRECTOR OF FINANCE
UNIVERSITY OF KERALA
TRIPUNITHURUR
10-03-2010

UNIVERSITY'S EVERY RUPEE OF REVENUE

Comes from		Goes for	
State Govt. grant	: Ps. 77	Administration	: Ps. 7
ICAR and other agencies	: Ps. 10	Pension	: Ps. 6
Domestic sources	: Ps. 11	Education	: Ps. 39
Others	: Ps. 2	Research	: Ps. 38
		Extension	: Ps. 10
Total	: Re. 1.00		: Re. 1.00

Break up of expenditure among Salaries, Wages, Travel expenses and others

	Rs. in lakhs	Percentage to total
Salaries	682.62	35.61
Labour wages	287.78	15.02
Travel expenses	24.45	1.27
LA charge	50.00	2.58
Contingencies/other charges	359.92	18.77
Works	210.09	10.96
Pension	116.41	6.07
Loans (Net)	186.02	9.72
Total	1917.29	100.00

INDEX

Explanatory Memorandum	—	iv	Agricultural Research		
Financial Statement	—	vi	Non-Plan	—	29
RECEIPTS (abstract)	—	x	Plan	—	37
Detailed estimate of receipts	—	1	ICAR	—	41
I. C. A. R.	—	1	Others	—	50
Other sources	—	4	Veterinary Research		
Income from Colleges	—	6	Non-Plan	—	52
Income from Uty. properties	—	6	Plan	—	55
Income from Investments	—	8	ICAR	—	58
Miscellaneous income	—	9	Others	—	62
Detailed estimates of expenditure	—	10	Fisheries Research		
General Council	—	10	Plan	—	62
Executive Committee and Other Committees	—	10	ICAR	—	63
Administration—Non-Plan	—	10	Others	—	63
Plan	—	12	Forestry Research		
Education			ICAR	—	64
Agrl. Education—Non-Plan	—	12	Others	—	64
Plan	—	18	Agricultural Engineering Research		
Vety. Education—Non-Plan	—	21	ICAR	—	64
Plan	—	22	Others	—	65
Fisheries Education—Non-Plan	—	23	Home Science Research		
Plan	—	24	ICAR	—	65
Faculty of Basic Science & Humanities—Plan	—	25	Others	—	65
College of Forestry—Plan	—	25	Extension		
PG Studies—Plan	—	26	Non-Plan	—	66
College of Co-operation & Banking—Plan	—	26	Plan	—	68
Faculty of Agrl. Engg.—Plan	—	27	ICAR	—	69
College of Rural Home Science—Plan	—	27	Others	—	72
Directorate of Students Welfare—Non-Plan	—	28	Civil Works		
University Library—Non-Plan	—	29	Non-Plan	—	74
Directorate of Research—Non-Plan	—	29	Plan	—	76
			Vellanikkara Estate	—	76
			Loans and Suspense Accounts	—	77
			Appendices		
			List of Works	—	79
			State share on ICAR Co-ordinated Projects	—	87
			Staff details	—	88
			Pay scale	—	131
			List of endowments	—	132
			Statute on preparation, passing and operation of the Budget	—	133

Explanatory Memorandum

- 1 The Annual Financial Statement and the detailed Estimates of receipts and expenditure of the Kerala Agril. University for 1988-89 are detailed below. The principal sources of income are the grant-in-aid from the State Govt., the ICAR assistance and the domestic revenue. A broad classification of expenditure on functional basis is Administration, Education, Research, Extension, Civil Works and Estate.
- 2 The University's current year budget of Rs. 1785 lakhs is revised to Rs. 1801 lakhs taking into account the increased revenue and capital liability. While formulating the budget, a grant-in-aid of Rs. 1162 lakhs was anticipated from the Govt. But the Govt. have allocated Rs. 963 lakhs only resulting in a gap of Rs. 199 lakhs in identified resources. The volume of inevitable liability that had to be honoured necessitated diversion of ICAR earmarked Funds and postponement of remittances to employees GPF and others Funds.

Revised Estimate 1987-88

3 *Non-Plan*

The Revised Estimate is projected to Rs. 914 lakhs against the original estimate of Rs. 868 lakhs. The provision for payment of land assignment charges amounting to Rs. 5.65 lakhs for the establishment of a sub station of AICRP on Sugarcane at Thiruvalla is included in the Revised Estimates. Implementation of a few more items related to General Pay Revision, filling up of vacant teaching posts, payment of two instalments of DA (including arrears) etc. account for the revision.

4 *Plan*

The plan budget of Rs. 467 lakhs estimated for the current year is revised to Rs. 400 lakhs. The revision is necessitated by the limited plan allocation. Court decrees for the payment of compensation at the enhanced rate for the land already acquired are coming in. The commitment in this regard is accommodated in the Plan grant. The post budget commitments of this nature, have reduced the plan grant actually available for financing Plan schemes. Hence, no new programmes are envisaged in the current year.

- 5 The Estimates of Rs. 207 lakhs on ICAR and other externally aided projects are revised to Rs. 269 lakhs. The revalidation of unutilised grant sanctioned for utilisation in the current year, sanctioning of new projects for implementation etc. account for the enhanced revision.
- 6 To finance the expenditure of the above order, a grant-in-aid of Rs. 1053 lakhs is to be received from the Govt. An additional assistance of Rs. 100 lakhs has already been sought from the Govt. and it is hoped that the Govt. will render this assistance to overcome the present resource constraints. If grant-in-aid as anticipated is realised, the year 87-88 will close with a balance of Rs. 49.50 lakhs which will be just sufficient to make the payment of salary/wages (net) for March 1988.

Budget Estimate 1988-89

- 7 A budget of Rs. 1917 lakhs is proposed for the coming year against the Revised Estimate of Rs. 1801 lakhs. The financial requirements of all the Estimating Officers are reasonably take care of in the Budget.
- 8 Ample provision is proposed on "Equipments and fittings", 'Land acquisition charges', 'Biotechnology Unit', 'Meat Technology Unit', 'Video Casette Production Programme,' 'Dairy Technology Unit etc.
- 9 The Estimates will take care of anticipated expenditure on DA revisions, general pay/wage revision, filling up of vacant posts etc.
- 10 Plan expenditure including State share on ICAR Co-ordinated Project is set at Rs. 524 lakhs.

- 11 Research on drought, Nursery Seed Production Unit etc. are some of the new programmes envisaged for the coming year.
- 12 For ICAR and other externally aided schemes, an expenditure of Rs. 184 lakhs is estimated against the Revised Estimate of Rs. 269 lakhs. The termination of many ongoing schemes accounts for the fall in expenditure. The provision is made on the basis of the allocation sanctioned by the Financing Agency. Sanction for the implementation of NARP (Phase II) has already been obtained. Detailed estimates of expenditure and receipt for these projects will be incorporated on the issue of administrative and technical sanction for the implementation of these projects by the University.
- 13 Under Civil works, greater attention is paid for the completion of ongoing works to avoid cost escalation, maintenance and repair of old buildings, bringing of more areas of land under irrigation and water supply, energisation of pump sets etc.
- 14 A crash programme for the augmentation of revenue from University farms/properties will be undertaken in the coming year. It is targetted to achieve a receipt of Rs. 228 lakhs from University's own sources.
- 15 The anticipated closing balance as on 31.3.89 is Rs. 24.15 lakhs.
- 16 The following measures are adopted for controlling expenditure in the ensuing year. -
 - a) The terminated externally assisted projects are not to be allowed to continue as University Projects. The staff borne on these projects will be suitably redeployed in the existing vacancies.
 - b) The implementation of externally aided project with the full complement of staff, machinery, equipments etc. so that the burden on University funds can be eased.
 - c) Exercising strict economy in the use of vehicles and telephones.
 - d) Winding up of the programmes which have outlined their utility/purpose.
 - e) Maximisation of income from domestic sources through suitable farm management practices.
- 17 Both under Revised Estimates 87-88 and Budget Estimate 88-89 the expenditure will have to be confined to the actual funds available, notwithstanding the estimates.
- 18 The University is very grateful to the State Govt., ICAR and other Agencies for the liberal financial assistance extended to the University. It goes without saying that the University cannot carry out its developmental activities unless such assistance is forthcoming, since the University's own resources are meagre.

11-3-1988

K. K. PANKAJAKSHAN
Comptroller

Annual Financial Statement

RECEIPTS

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			A. GENERAL FUND	
			I a) Statutory Grant from Government	
5,88,07,000	6,95,00,000	7,13,00,000	i Non-Plan	8,00,00,000
2,20,10,000	4,67,00,000	3,44,00,000	ii Plan	4,20,00,000
			b) Specific purpose grant	
1,52,89,800	—	—	i Payment of arrears of Agricultural Incometax 74-75 to 80-81 (Non-Plan)	—
10,06,800	—	—	ii Payment of net arrear claims in respect of institutions transferred to KAU (1-2-72 to 31-3-72 Non-Plan)	—
6,00,000	—	6,00,000	iii Payment of outstanding interest free loan raised during 73-74 and 75-76 (Plan)	6,00,000
—	—	5,65,200	iv Payment of land assignment charges for the estt. of a Sub Station under AICRP on Sugarcane Thiruvalla (Non-Plan)	—
			II Grants from other sources	
1,33,55,320	1,77,45,300	2,20,14,000	a) ICAR	1,53,51,000
11,14,993	40,24,000	78,81,500	b) Others	30,85,600
9,09,231	16,41,000	20,87,000	III Income from Colleges (Non Plan)	30,05,000
			IV Income from University properties	
92,81,245	91,44,100	99,62,100	i Non-Plan	1,52,31,400
7,23,720	8,77,700	11,38,800	ii Plan	10,28,400
47,997	3,50,000	3,50,000	V Income from Investments (Plan)	4,00,000
55,03,041	55,60,000	57,10,000	Vi Recoveries from Pension Fund (Non-Plan)	60,20,000
22,14,719	14,71,000	14,71,000	VII Other Miscellaneous income (Non-Plan)	31,77,000

Budget Estimate 1988-89

EXPENDITURE

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			A. GENERAL FUND	
48,704	1,55,000	1,65,000	I General Council	1,85,000
40,474	2,04,000	2,23,000	II Executive & Other Committees	2,35,000
			III Administration	
1,04,88,062	1,89,82,500	2,02,74,500	i Non-plan	1,78,88,800
2,92,528	5,51,500	5,48,000	ii Plan	9,89,100
			Education, Research and Extension	
			IV Education	
			a) Agricultural Education	
1,95,16,771	2,02,18,000	2,33,23,500	i Non-Plan	2,67,00,400
30,70,795	27,79,100	31,68,500	ii Plan	62,41,800
			iii Other externally aided projects	
			ICAR	
67,842	83,500	83,500	Others	
			b) Veterinary Education	
65,30,160	79,54,600	79,48,000	i Non-Plan	92,99,500
45,51,391	24,60,400	60,84,400	ii Plan	49,48,500
			c) Fisheries Education	
25,65,274	31,74,000	25,55,900	i Non-Plan	35,19,000
38,09,468	38,70,000	6,47,000	ii Plan	46,90,000
			d) Faculty of Basic Sciences and Humanities (Plan)	2,00,000
1,27,825	3,00,000	3,00,000	e) College of Forestry (Plan)	9,55,000
4,33,487	5,04,000	7,12,000	f) P. G. Studies (Plan)	1,50,000
81,747	1,40,000	1,40,000	g) College of Co-operation and Banking (Plan)	11,97,000
9,55,644	9,69,500	10,64,500	h) Faculty of Agrl. Engineering (Plan)	19,79,500
8,99,334	11,50,000	14,38,500	i) College of Rural Home Science (Plan)	8,75,500
1,74,078	7,43,000	7,48,000	j) Directorate of Students Welfare (Non-Plan)	7,69,400
2,13,727	7,03,500	7,05,000	k) University Library	
	75,000	75,000	i Non-Plan	75,000
	1,00,000	1,00,000	ii Plan	1,00,000
			Research	
			V Agricultural Research	
1,19,94,659	1,47,99,500	1,67,82,300	i Non-Plan	1,93,46,300
1,02,81,124	1,07,93,600	54,78,200	ii Plan	99,86,000
			iii Externally aided projects	
77,87,682	1,10,14,500	1,23,89,300	a) ICAR	93,86,200
6,11,929	12,66,700	42,39,100	b) Others	22,00,800
			VI Veterinary Research	
57,65,825	66,76,700	66,00,900	i Non-Plan	74,42,400
20,83,914	20,39,400	18,36,000	ii Plan	28,23,500
			iii Externally aided projects	
33,28,139	29,67,900	39,51,900	a) ICAR	34,18,600
6,80,862	1,19,600	4,13,800	b) Others	1,44,600
			VII Fisheries Research	
1,86,928	3,25,000	3,08,000	i Plan	4,25,000
			ii Externally aided projects	
		2,41,400	a) ICAR	2,04,600
		67,500	b) Others	28,500

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
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13,08,63,866	15,70,13,100	15,74,77,600	Total	16,98,98,400
—	—	—	B. FOUNDATION FUND	—
—	3,77,000	3,77,000	C. PENSION FUND	3,90,000
2,38,70,406	1,64,25,900	1,78,10,100	D. DEBT & SUSPENSE	1,64,90,100
15,47,34,272	17,38,16,000	17,56,66,700	Total	18,67,78,500
4,33,974	46,60,074	44,04,500	Opening balance	49,50,000
—	—	—	Deficit	—
15,51,68,246	17,84,76,074	18,00,71,200	Grand Total	19,17,28,500

Accounts 86-87 subject to reconciliation and finalisation of Annual Accounts 1986-87

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			VIII Forestry Research	
1,72,630	2,05,200	2,05,200	i ICAR	2,14,000
—	3,00,000	3,00,000	ii Others	—
			IX Agricultural Engineering	
2,99,401	2,23,000	3,27,000	i ICAR	2,13,000
95,427	1,80,500	5,53,500	ii Others	1,25,000
			X Home Science	
6,221	14,800	14,800	a) ICAR	—
3,375	—	9,000	b) Others	57,400
			XI Extension	
28,49,686	36,24,300	39,54,700	i Non-Plan	52,77,700
3,72,250	7,46,000	7,56,500	ii Plan	12,67,500
			iii Externally aided projects	
19,84,979	19,88,300	18,00,900	a) ICAR	17,69,800
2,16,687	22,60,900	23,02,100	b) Others	5,95,700
			XII Civil Works	
67,11,347	60,96,600	60,98,000	i Non-Plan	60,08,700
1,39,13,386	1,75,00,000	1,61,19,500	ii Plan	1,50,00,000
15,16,671	21,52,000	21,50,000	XIII Vellanikkara Estate (Non-Plan)	23,86,200
			XIV i Payment of arrears of	
1,52,89,800	—	—	Agricultural Incometax (Non-Plan)	—
			ii L. S. for implementing the	
—	1,00,000	—	recommendation of KAU Commission	—
—	9,00,000	—	iii L. S. for D. A. revision (Non-Plan)	1,00,000
			iv L. S. for wage revision of	
—	1,00,000	—	labourers (Non-Plan)	1,00,000
—	—	—	v L. S. for pay revision (Non-Plan)	2,00,000
			vi Payment of net arrear claims	
			in respect of institution transferred	
1,06,800	—	—	to KAU (Non-Plan)	—
			vii Payment of outstanding interest	
6,00,000	—	6,00,000	free loan (Plan)	6,00,000
			viii Payment of land assignment charges	
			for the establishment of a	
			Sub Station under AICRP on	
—	—	5,65,200	Sugarcane, Thiruvalla (Non-Plan)	—
8,36,37,960	8,68,15,700	9,14,21,000	Non-Plan	9,95,33,400
4,18,33,899	4,49,71,500	4,00,49,100	Total Plan	5,24,28,400
1,35,79,052	1,64,13,700	1,89,30,500	ICAR	1,52,06,200
16,76,122	42,78,700	79,68,500	Others	31,52,000
14,07,27,033	15,24,79,600	15,83,69,100	Total	17,03,20,000
—	1,000	—	B. FOUNDATION FUND	1,000
—	3,77,000	3,77,000	C. PENSION FUND	3,90,000
1,00,36,713	2,52,06,300	1,63,75,100	D. DEBT & SUSPENSE	1,86,02,100
15,07,63,746	17,80,63,900	17,51,21,200	Total	18,93,13,100
44,04,500	4,12,174	49,50,000	Closing Balance	24,15,400
—	—	—	Deficit	—
15,51,68,246	17,84,76,074	18,00,71,200	Grand Total	19,17,28,500

Receipts

(Abstract)

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			A. GENERAL FUND	
			I a) Statutory Grant from Government	
5,88,07,000	6,95,00,000	7,13,00,000	i Non-plan	8,00,00,000
2,20,10,000	4,67,00,000	3,44,00,000	ii Plan	4,20,00,000
			b) Specific Purpose Grant	
1,52,89,800	—	—	i Payment of arrears of Agricultural Income Tax (74-75 to 80-81) Non-plan	—
10,06,800	—	—	ii Payment of net arrear claims in respect of institutions transferred to KAU (1-2-72 to 31-3-72 (Non plan)	—
6,00,000	—	6,00,000	iii Payment of outstanding interest free loan raised during 73-74 and 75-76 (Plan)	6,00,000
—	—	5,65,200	iv Payment of land assignment charges for the establishment of a Sub Station, under AICRP on Sugarcane, Thiruvalla (Non-Plan)	—
1,33,55,320	1,77,45,300	2,20,14,000	II Grants from other sources	
11,14,993	40,24,000	78,81,500	a) ICAR	5,53,51,000
9,09,231	16,41,000	20,87,000	b) Other Agencies	30,85,600
92,81,245	91,44,100	99,62,100	III Income from Colleges (Non-plan)	30,05,000
7,23,720	8,77,700	11,38,800	IV Income from University properties	
47,997	3,50,000	3,50,000	i Non-plan	1,52,31,400
			ii Plan	10,28,400
55,03,041	55,60,000	57,10,000	V Income from Investments (Plan)	4,00,000
22,14,719	14,71,000	14,71,000	VI Recoveries from Pension Fund (Non-Plan)	60,20,000
			VII Other Miscellaneous Income (Non-Plan)	31,77,000
13,08,63,866	15,70,13,100	15,74,79,600	Total	16,98,98,400

Detailed Estimate of Receipts

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			II GRANTS FROM OTHER SOURCES	
			a) ICAR	
52,00,000	35,00,000	58,87,000	1. ICAR assistance for Developmental programmes as recommended by Visiting Team.	25,00,000
—	64,300	63,000	2. AIC Research Project on Oil seeds Research on Groundnut & Sesamum, Vellayani.	52,500
—	14,800	—	3. Tapioca consumption and goitre incidence in Kerala.	—
1,27,300	2,28,400	2,28,400	4. Operational Research Project on Integrated control of Rice Pests in Kuttanad.	2,38,900
3,37,200	1,48,000	1,48,000	5. AIC Project in National demonstration on Major food crops, Kottarakkara	1,51,000
—	5,55,800	5,55,800	6. NSP Breeder Seeds Production Unit, Pattambi.	57,600
1,57,850	1,83,000	1,80,000	7. AIC Spices and Cashew Improvement Project—Research on Cardamom	1,83,000
1,61,650	1,93,500	1,92,000	8. AIC Spices and Cashew Improvement Project—Research on Pepper.	1,78,500
—	1,65,000	1,50,000	9. AIC Spices and Cashew Improvement Project—Research on Cashew	1,12,500
48,800	74,200	99,000	10. AIC Spices and Cashew Improvement Project—Research on Ginger.	1,00,000
2,12,600	2,70,800	2,70,900	11. AICRIP-Double Cropping Main Centre, Pattambi.	2,75,400
22,500	23,000	23,700	12. AICRIP—Double Cropping Sub Centre, Mannuthy.	24,000
84,000	—	—	13. AICRIP—Special Disease and Pest Research Centre, Moncompu.	—
1,20,300	90,100	90,100	14. AICRIP—Moncompu Centre (BPH & GSV Merged)	92,800
4,91,800	4,89,700	4,89,700	15. AICRP on New Cropping Pattern.	3,50,000
1,80,000	4,82,000	3,32,000	16. Krishi Vigyan Kendra, Ambalavayal.	3,22,000
46,000	69,400	—	17. Fate and efficiency of urea based fertilizer in India—Bunch Mark Sites.	—
1,42,400	1,46,200	1,45,500	18. AICRP on Forage Crops, Vellayani.	1,29,900
2,06,250	2,55,000	2,55,000	19. Integrated Project for Research on water management and soil salinity	3,35,800
—	72,800	72,800	20. AIC Floriculture Improvement Project	75,000
83,500	69,600	69,600	21. AICRP on Sugarcane, Thiruvalla	93,800
—	1,89,000	1,95,000	22. AIC Fruit Improvement Project, Kannara	1,86,800

Receipts—Contd.....

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
69,900	—	—	23 AIC Fruit Improvement Project (Citrus Die-Back) Centre, RARS, Ambalavayal	—
1,08,700	1,51,000	70,200	24 AICRP on Intensification of Research on Pulses, Pattambi	1,01,800
1,50,345	—	25,000	25 Project on Breeding Rabbit for meat production	—
1,87,905	1,83,900	1,50,000	26 AICRP on Agricultural Bye-products	2,00,400
1,92,000	4,81,200	5,21,600	27 All India Co-ordinated Research Project on Goats	4,00,000
3,19,700	4,84,500	4,84,500	28 AICRP on poultry	3,91,600
45,000	1,44,000	1,17,700	29 AIC Research Project on Biological Control of Crop Pests, Vellanikkara	1,23,100
—	1,16,400	1,38,900	30 AIC Research Project on Nematode pest and their control, Vellanikkara	1,03,200
32,800	—	—	31 Mechanical control and Utilization of Floating Type Aquatic weeds	—
—	2,000	2,000	32 Coconut information Net work in India	2,000
39,100	1,33,200	1,33,200	33 Co-ordinated project for Research and Development of farm implements	1,34,200
67,000	1,40,000	1,40,000	34 Co-ordinated Project for Research on Chemistry of submerged soils under rice cultivation in high rain fall areas, Pattambi	—
13,900	12,200	12,200	35 Research on strains of Rhizobia of pulses, the effect of Nutrient on them	—
39,540	45,000	45,000	36 ICAR Merit Scholarship	50,000
2,22,338	1,77,000	1,77,000	37 ICAR Golden Jubilee Celebration— Lab to Land Programme	1,77,000
2,45,400	2,40,000	2,40,000	38 Co-ordinated Project on Agricultural Drainage under actual farming conditions on Water shed basis, Karumadi	2,47,500
3,38,000	10,00,000	10,00,000	39 NARP, Pilicode	10,00,000
6,50,000	10,00,000	10,00,000	40 NARP, Pattambi	10,00,000
8,08,000	10,00,000	10,00,000	41 NARP, Kumarakom	10,00,000
10,16,000	10,00,000	10,00,000	42 NARP, Vellayani	10,00,000
80,000	1,39,500	1,35,000	43 AIC Vegetable Improvement Project	1,20,000
26,400	22,500	22,500	44 Karyological studies in cattle of Kerala with special reference to infertility and sterility	—
—	2,12,700	2,12,700	45 AIC Research Project for the rapid Improvement of Agricultural Technology directed at Socio-Economic upliftment of SC/OBCs, Nilambur	2,19,100
1,21,000	5,82,000	4,52,000	46 Krishi Vignan Kendra, Pattambi	4,62,000
—	59,900	59,900	47 Survey, appraisal and control of major diseases of Sugarcane	12,400
3,20,000	7,89,900	9,62,200	48 NARP Sub Project on Water Management, Chalakudy	—

Receipts—Contd.....

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
20,180	—	—	49 Ad-hoc Scheme for marketing of Coconut and Cocoa in Kerala	—
34,800	1,53,900	1,53,900	50 All India Co-ordinated Project on Agro-forestry	1,50,500
69,000	2,79,000	2,81,600	51 AICRP for strengthening of Agricultural Research Programmes for Socio-Economic upliftment of Tribals, Amboori	2,91,100
—	2,00,000	2,08,000	52 Internship to Vety. Graduates	2,08,000
43,200	—	—	54 Operational Research Project for resources Development on Water shed basis, Ozhalapathy	—
—	3,44,000	12,88,600	54 NARP Sub Project, Ambalavayal	1,85,000
56,962	—	—	55 Propagation and Farming of frogs.	—
2,75,000	1,44,400	1,50,000	56 Mycotoxicosis in domestic animals and Poultry and aflatoxin induced liver injury and Hepatic carcinogenesis (ICAR & All India Institute of Medical Sciences)	1,50,000
—	3,53,300	3,50,000	57 Progeny testing crossbred bulls in Rural Areas	—
—	1,03,000	1,03,000	58 New Co-ordinated Project (LS)	1,00,000
—	15,000	10,000	59 Research on Wild bees and honey collection	—
—	1,02,900	3,28,000	60 AICRP on Pesticide Residues	1,21,000
—	10,000	15,000	61 Project on Microbiology of forest soils.	—
—	5,300	5,300	62 Research on Cymbopogon flexuosus and other Cymbopogon species	—
—	2,100	4,57,000	63 Toxic effects of Industrial effluents on animals	—
—	—	1,20,000	64 Nutrient requirement of caged years	—
—	58,900	52,000	65 Studies on blood groups and biochemical polymorphism in cattle	—
30,800	63,000	—	66 Assessment of economic losses resulting from commonly prevalent diseases in certain specified areas.	—
1,32,000	1,02,700	1,32,000	67 Efficiency of White Pekin ducks—Desi ducks and their crosses for meat production	1,32,000
85,600	54,400	54,400	68 Cyst Nematode, Heterodera oryzoicola infesting rice in Kerala	8,200
—	45,400	1,49,400	69 Design and development of wind turbines and its feasibility studies in Kerala	34,100
—	40,800	40,800	70 Development of improved varieties of sesamum and groundnut suited to the rice fallows in Onattukkara region	12,500
—	63,600	63,600	71 Investigation on the ethiology of yellow leaf diseases of arcanut	93,600
—	54,000	54,000	72 Breeding for resistance to bacterial wilt in Chilli and Brinjal	53,500
—	1,29,000	1,27,500	73 AICRP on Medicinal & Aromatic Plants	2,10,000
35,000	7,000	—	74 Organising Summer Institute	—

Receipts—contd.....

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	—	65,000	75 Developing monosomics and trisomics in Cucumber (C sativus L) and locating genes in chromosomes	2,53,000
—	—	2,600	76 Land to Lab strengthening feed back mechanism	2,600
—	—	37,200	77 Population characteristics, bionomics and culture Labeo dussumieri (Curier)	1,43,400
—	—	1,84,600	78 AICRP on Poultry Nutrition	1,08,000
—	—	32,000	79 Integrated production trials under project Directorate for Cropping System Research, Vyttila/Kumarakom	34,600
—	—	—	80 Shade studies on coconut based on intercropping situation	2,65,600
—	—	—	81 Estt. of Centre on Poultry housing and management, Mannuthy.	2,45,900
—	—	—	82 Impact of land reforms on agrarians structure and agricultural production in Kerala	90,800
—	—	—	83 Presentation and nutritive quality of miscellaneous fodder with special reference to Suba bool (lucaenae leucocephal)	2,53,800
1,33,55,320	1,77,45,300	2,20,14,000	Total	1,53,51,000
1,68,631	1,50,000	1,50,000	b) OTHER SOURCES	1,50,000
—	50,000	50,000	1 National Service Scheme	—
—	56,000	56,000	2 KAEP—T&V Programme	—
—	10,000	10,000	3 Directorate of Cocoa, Arecanut and Spices Development	—
—	64,300	64,300	4 Deputation of dairy farm instructors for dairy diploma course—Receipt from Dairy Development Directorate	10,000
18,531	3,08,200	3,08,200	5 Government of India, Ministry of Home affairs (Project on Kanikkar Tribals)	39,500
10,000	—	—	6 UNICEF Training Cell	—
—	—	—	7 i) Department of Environment (G. O. I.)	—
—	—	—	ii) Impact of Development Project in Western Ghat Region on the Forest Dependent Population—a case study of Wynad District of Kerala (GOI—Department of Environment)	—
47,000	—	—	8 Micro organisms associated with larvae of Microbrachium rosenbergii in hatchery (DST)	41,000
45,000	57,500	57,500	9 National Agricultural Extension Project	—
—	9,20,000	—	a) 50% of assistance from Government of India	2,77,600
—	9,20,000	14,74,000	b) 50% of assistance from Government of Kerala	2,77,600
—	—	4,50,000	10 Sweedish International Development Agency	—
—	50,000	50,000	11 Grant from AH Department for the conduct of Livestock Assistant Training Course	—
—	41,300	1,51,500	12 AICRP in Weed Control on Plantation crop	1,42,500
—	35,000	58,800	13 Research Project on Mushroom Flora of Kerala (SRF)	3,200

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
—	5,600	5,600	14 Microbial Association and Forest Eco system of Kerala (DST)	6,000
10,000	—	—	15 Action Research on the use of labour saving devices in Rural Houses of Kerala	—
5,20,925	19,600	58,000	16 Incidence and nature of hypothyroidism in domestic animals	12,000
24,000	—	11,000	17 Orientation training on communication methods for the benefit of Balawadi Teachers	—
23,084	11,500	23,100	18 Project on Potassium supplying capacity of Soil Association	—
25,000	25,000	25,000	19 Trials on large scale cultivation of edible spades of the mushroom pleurotus	10,000
—	3,00,000	3,00,000	20 U. S. Academy of Science—Project on Social Forestry	—
—	5,00,000	4,68,000	21 Cocoa Research Centre (financed by Cadburies India Ltd.)	3,44,100
—	2,50,000	20,10,000	22 Project on Electronics in Agriculture	8,03,000
—	1,50,000	1,50,000	23 Estt. of IDA assisted Forest Nursery	—
—	—	13,100	24 Investigation on the disease of Bamboo and Reeds in Kerala	—
75,500	—	45,000	25 Central Nursery for hybrid pepper	45,000
—	—	98,200	26 Direct use of udaipu rock phosphate in the acid soils of Kerala	99,200
—	—	3,73,000	27 Design development and evaluation of sand dredging equipments	1,25,000
—	—	1,00,000	28 Production of certified vegetable seeds (GOI)	1,00,000
—	—	—	29 Nutritional deficiency syndram and foliar diagnosis in tree crops	10,000
—	—	40,000	30 Impact of modernisation in Agriculture in Women with special reference to rice farming systems in the country	40,000
25,000	5,000	18,700	31 Establishment of Agromet observatory at Amboori	—
10,000	—	—	32 Technical manpower requirement of the Fisheries sector in Kerala during VII FYP (SRF)	—
—	—	—	33 Participation variance of pregnant lactating women of supplementary nutrition programme in ICDS in Kerala. (UNICEF/WFP)	57,400
9,950	—	5,000	34 Role of free flying birds in the transmission of parasitic nematodes in domestic flows (SRF)	5,000
10,000	—	10,000	35 National project on devt. and use of bio-fertilizers—BGA Sub Centre—Pattambi (GOI, Ministry of Agriculture)	10,000
14,165	—	14,200	36 Project on spatial microlevel planning for integrated rural development (ICSSR)	14,100
—	—	9,01,900	37 Standardisation of tissue apical meristems culture technique in horticulture crops	4,38,400

Receipts—Contd.....

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
40,000	—	6,400	38 Follow up studies on certain innovative development programme among a few selected Tribal communities in the Western Ghat area	—
15,307	—	—	39 State level training on rice production technology	—
22,400	—	—	40 Seminar on Cashew	—
—	—	2,75,000	41 Establishment of a blood grouping laboratory (KLD and MM Board)	25,000
11,14,993	40,24,000	78,81,500	Total	30,85,600
III INCOME FROM COLLEGES, FEES ETC.				
2,37,173	4,20,000	4,20,000	1 Agriculture College, Vellayani	5,50,000
2,45,848	4,50,000	5,00,000	2 Veterinary College, Mannuthy	6,50,000
2,72,060	4,95,000	5,64,000	3 Horticultural College, Vellanikkara	7,00,000
41,467	95,000	4,49,000	4 Kelappaji College of Agrl. Engg. & Technology, Tavanur	5,00,000
54,627	80,000	50,000	5 College of Fisheries, Panangad	3,80,000
20,784	24,000	25,000	6 KAU School, Vellanikkara	50,000
21,322	45,000	45,000	7 College of Co-operation and Banking, Mannuthy	75,000
—	16,000	17,000	8 College of Forestry, Vellanikkara	50,000
15,950	16,000	17,000	9 College of Rural Home Science, Vellayani	50,000
9,09,231	16,41,000	20,87,000	Total	30,05,000
IV. a) INCOME FROM UNIVERSITY PROPERTIES (NON-PLAN)				
8,40,916	9,40,000	10,50,000	1 Instructional Farm, Vellayani	20,00,000
4,97,671	6,25,000	11,50,000	2 Regional Research Station, Pilicode	20,00,000
6,10,045	3,00,000	3,80,000	3 Coconut Research Station, Balaramapuram	5,00,000
6,79,347	3,95,000	5,50,000	4 Coconut Research Station, Kumarakom	6,00,000
84,306	90,000	90,000	5 Rice Research Station, Kayamkulam	1,00,000
3,13,700	3,10,000	3,50,000	6 Agrl. Research Station, Mannuthy	5,00,000
88,819	98,000	62,000	7 Rice Research Station, Moncompu	70,000
10,98,962	7,50,000	9,62,500	8 Regional Agrl. Research Station, Ambalavayal	15,00,000
2,65,912	2,00,000	2,50,000	9 Pepper Research Station, Panniyur	5,00,000
57,604	55,000	55,000	10 Cashew Research Station, Anakkayam	60,000
1,76,383	2,05,000	2,25,000	11 Banana Research Station, Kannara	3,00,000
1,08,631	80,000	90,500	12 AMPRS, Odakkali	1,00,000
1,10,691	3,80,000	2,00,000	13 Cardamom Research Station, Pampadumpara	3,00,000
4,19,596	3,50,000	3,50,000	14 Regional Agrl. Research Station, Pattambi	5,00,000
1,37,681	85,000	85,000	15 Agronomic Research Station, Chalakudy	1,00,000
44,091	55,000	60,000	16 Rice Research Station, Vyttila	65,000
5,66,847	5,25,000	5,50,000	17 University Livestock Farm, Mannuthy	7,00,000
4,43,912	5,00,000	2,50,000	18 Livestock Research Station, Thiruvazhamkunnu	4,00,000
99,807	88,000	1,20,000	19 Cattle Breeding Farm, Thumburmuzhi	1,25,000
1,80,426	5,55,000	3,00,000	20 Poultry & Duck Farm, Mannuthy	9,00,000

Receipts—Contd.....

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1988—89	Head of Account	Budget Estimate 1988—89
173	15,000	5,000	21 Research Scheme on Duck, Mannuthy	5,000
4,301	30,000	30,000	22 Studies on Japanese Quail for meat Production, Mannuthy	25,000
68,143	1,85,000	80,000	23 Pig Breeding Farm, Mannuthy	2,00,000
1,853	—	3,000	24 Cattle Infertility Scheme, Regional Centre, Calicut (Plan)	4,000
12,97,169	14,00,000	15,00,000	25 Vellanikkara Estate	20,90,000
35,896	35,000	36,000	26 Fisheries Instructional Farm, Pudukkottai	40,000
563	100	150	27 Veterinary Hospital, Trichur	400
45,972	45,000	45,000	28 Fodder Research Scheme, Mannuthy	47,000
1,83,754	85,000	3,00,000	29 Instructional Farm, Panangad	5,00,000
1,26,488	1,25,000	1,50,000	30 Sugarcane Research Station, Thiruvalla and Chittoor	1,85,000
1,22,011	40,000	20,000	31 Agronomic Research Station, Karamana	25,000
3,49,100	2,25,000	2,25,000	32 Instructional Farm, Tavanur	3,00,000
—	15,000	15,000	33 Training Service	—
17,286	11,000	11,000	34 University Press	20,000
98,941	27,000	27,000	35 Communication Centre	30,000
—	65,000	65,000	36 Evaluation of rice-based mixed farming Model, Pattambi	65,000
—	65,000	65,000	37 Instructional Farm, Vellanikkara	80,000
—	90,000	90,000	38 Vegetable seed production Complex, Vellanikkara	95,000
1,04,618	1,00,000	1,65,000	39 Cashew Research Scheme, Madakkathara	2,00,000
92,81,245	91,44,100	99,62,150	Total	1,52,31,400
—	200	5,000	b) Receipts from Schemes sponsored by ICAR and other agencies	—
—	100	—	1 Adaptive trials of annual oilseeds	—
—	500	5,000	2 AICSCIP—Research on Cardamom	7,000
12,603	14,000	16,000	3 AICSCIP—Pepper Research at Thaliparamba	800
—	400	200	4 AICSCIP—Cashew Research at Mannuthy, Anakkayam	19,000
6,048	—	—	5 Co-ordinated Rice Improvement Project, Pattambi including Sub-Centre at Mannuthy and Moncompu	200
—	4,100	5,000	6 Multi-State Cashew Research Project	—
31,390	52,000	48,000	7 AICARP on New Cropping Pattern	5,000
4,718	18,000	15,500	8 AIC Fruit Improvement Project, Kannara	55,000
—	—	—	9 Integrated Project on Water Management and Soil Salinity, Chalakudy	17,500
1,19,538	80,000	1,25,000	10 Project on Investigation of Agri-Bye Products and Industrial Waste Materials for evolving economic Livestock Feed	—
—	—	—	11 Co-ordinated Research Project on Goats	80,000
—	—	—	12 Operational Research Project on Integrated control of rice pests in Kuttanad	—
—	—	—	13 AIC Project in National Demonstration on major Food Crops, Quilon	—
—	—	—	14 AICRP for the rapid improvement of Agri. Technology directed at Socio economic upliftment of SCs/OBCs.	—

Receipts—contd.....

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	—	—	15 AIC Floriculture Improvement Project, Trichur	—
—	—	—	16 AIC Project on Sugarcane, Thiruvalla	—
—	—	—	17 AIC Coconut and Arecanut Improvement Project, Nileswar	—
—	—	—	18 AIC Project on Improvement of Tuber Crops (Other than Potato)	—
—	—	—	19 AIC Fruit Improvement Project (Citrus Die-Back) R. A. R. S., Ambalavayal	—
14,504	—	—	20 AIC Research Project on Brackish Water Fish Farming, Vyttila	—
—	—	—	21 AICRP for Intensification of Research on Pulses, Pattambi	—
4,74,125	5,00,000	5,00,000	22 AIC Research Project on Poultry	5,50,000
—	—	1,000	23 Scheme for Research on Forage Crops, Vellayani	1,300
—	—	—	24 AICRP on nematode pests, Vellayani	—
—	—	—	25 AICRP on Biological Control of crop pests	—
860	—	8,000	26 NARP—Pilicode, Panniyur and Tavanur	10,000
912	—	—	27 NARP—Pattambi, Mannuthy and Eruthiampathy	—
—	—	—	28 NARP—Kumarakom, Kayamkulam, Vyttila, Moncompu and Kole land	—
—	—	—	29 NARP—Vellayani and Kottarakkara	—
—	—	—	30 AICRP on Agricultural Drainage under actual farming conditions in water shed basis, Karumadi	—
59,022	—	6,000	31 AIC Vegetable Improvement Project	8,000
—	1,06,800	1,06,800	32 Central Nursery for hybrid pepper	—
—	1,00,600	1,00,000	33 Efficiency of white pekin ducks, desi ducks and their crosses for meat production	1,00,500
—	—	—	34 Nutrient requirements of caged layers	—
—	1,000	3,000	35 AICRP on Medicinal and Aromatic Plants	4,000
—	—	1,800	36 AICRP on Oil Seeds, Research on Groundnut and Sesamum, Vellayani	3,000
—	—	10,000	37 AICRP on Poultry Nutrition	15,000
—	—	1,82,500	38 Product development from bivalve meat- microbiological and biochemical assessment of their keeping quality	61,200
7,23,720	8,77,700	11,38,800	Total (b)	9,37,500
1,00,04,965	1,00,21,800	1,11,00,950	Total (IV)	1,20,56,700
—	—	—	V. INCOME FROM INVESTMENTS	—
—	—	—	1 Interest on Foundation Fund	—
47,997	3,50,000	3,50,000	2 Interest in other short term investment from General Fund	4,00,000
47,997	3,50,000	3,50,000	Total (V)	4,00,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			VI MISCELLANEOUS INCOME	
1,97,436	25,000	25,000	1 Sale of application forms	1,00,000
9,950	45,000	45,000	2 Sale of University Publications	1,00,000
5,79,026	5,50,000	5,50,000	3 Other supplies and services	8,00,000
28,783	30,000	30,000	4 Recovery of over payments and surcharges	1,00,000
14,795	21,000	21,000	5 Hire charges of vehicles	50,000
—	—	—	6 Leave salary contribution	—
—	6,00,000	6,00,000	7 Sale proceed of matured trees/derelect	11,50,000
13,84,729	2,00,000	2,00,000	8 Other miscellaneous receipts	8,77,000
22,14,719	14,71,000	14,71,000	Total (VI)	31,77,000
			c. Pension Fund	
—	3,00,000	3,00,000	1 a) Commuted value of pension from Government	3,05,000
—	55,000	55,000	b) Interest on Investments	60,000
—	22,000	22,000	2 Pension contribution relating to employees sent on deputation	25,000
—	3,77,000	3,77,000	Total (c)	3,90,000

Detailed Estimates of Expenditure

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
I GENERAL COUNCIL (NON-PLAN)				
36,834	1,10,000	1,15,000	a) T. A. and sitting fees	1,25,000
11,870	45,000	50,000	b) Other expenditure	60,000
48,704	1,55,000	1,65,000	Total	1,85,000
II EXECUTIVE AND OTHER COMMITTEES (NON-PLAN) (University Authorities)				
26,196	1,86,000	1,90,000	a) T. A. and sitting fees	1,95,000
14,278	18,000	33,000	b) Other expenditure	40,000
40,474	2,04,000	2,23,000	Total	2,35,000
III ADMINISTRATION (NON-PLAN)				
48,06,136	55,17,000	57,34,000	a) General Administration	59,82,500
178	5,00,000	3,00,000	b) Examinations	3,00,000
56,57,726	1,09,64,000	1,10,39,000	c) Pension and retirement benefits	1,16,41,000
—	6,25,000	6,25,000	d) Audit fees	6,75,000
—	2,40,000	2,40,000	Replacement of Petrol vehicles/Purchase of New vehicles	2,50,000
—	12,00,000	12,00,000	f) Interest on Provident Fund/Family Benefit Fund	13,00,000
—	1,00,000	11,00,000	g) Deposit in court on behalf of Government towards LA charges	2,00,000
24,022	36,500	36,500	h) Setting up of a Special Cell for Scheduled Caste/Scheduled Tribes	40,300
1,04,88,062	1,89,82,500	2,02,74,500	Total (III)	2,03,88,800
III ADMINISTRATION (i) NON-PLAN				
a) General Administration				
37,43,786	37,10,000	38,17,000	Salaries	40,00,000
92,449	1,25,000	1,25,000	T. A.	1,40,000
<i>Contingencies</i>				
8,348	7,000	7,000	Pay of Menials	7,500
29,952	75,000	80,000	Postage/Telegrams	92,000
55,274	95,000	98,000	Telephone charges	1,00,000
—	17,000	20,000	Electricity charges	25,000
1,71,955	2,50,000	2,55,000	Uniforms	2,75,000
44,744	1,75,000	1,80,000	Stationery and Printing	1,90,000
974	15,000	15,000	Books and Periodicals	15,000
3,52,675	3,00,000	3,15,000	Maintenance of vehicles	3,25,000
1,17,899	30,000	15,000	Rent, Rates and Taxes	33,000
50,395	1,00,000	1,05,000	Advertisement charges	1,10,000
25,375	36,000	36,000	Office expenses and Miscellaneous	40,000
8,57,591	11,00,000	11,26,000	Total contingencies	12,12,500

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			<i>Other charges</i>	
7,235	40,000	43,000	Entertainment and Guest charges	45,000
38,429	50,000	1,25,000	Furniture	60,000
7,593	50,000	50,000	Office equipments	50,000
—	20,000	20,000	Convocation and other ceremonies	20,000
—	20,000	20,000	Fellowships, Gold Medals and other Awards	20,000
—	25,000	25,000	Membership fee for Association/Union of Universities	25,000
—	5,000	6,000	Local cost of Foreign Experts	6,500
2,000	50,000	50,000	Grants by University	55,000
26,825	85,000	90,000	Legal Expenses	95,000
8,015	50,000	50,000	Experts/Committee	55,000
—	5,000	5,000	Petty Construction and Repairs	6,500
10,541	35,000	35,000	Educational Concession to Children of emp- loyees died in accidents	40,000
—	22,000	22,000	Awards from Endowments	25,000
—	35,000	35,000	Systems Review—employment of manage- ment experts	35,000
1,697	50,000	50,000	Staff Training	50,000
9,975	40,000	40,000	Other items	42,000
1,12,310	5,82,000	6,66,000	Total	6,30,000
48,06,136	55,17,000	57,34,000	Total (a)	59,82,500
			c. Pension and other retirement benefits	
			<i>i) University Employees</i>	
40,01,160	38,50,000	39,25,000	1 Pension/Family Pension	40,30,000
7,78,474	9,00,000	9,75,000	2 Gratuities	10,15,000
1,54,685	4,79,000	4,79,000	3 Contribution in respect of deputationists	4,96,000
—	48,00,000	48,00,000	4 Contribution to KAU Pension Fund	25,00,000
49,34,319	1,00,29,000	1,01,79,000	Total (i)	80,41,000
			<i>ii) Workers</i>	
4,95,387	4,85,000	4,85,000	1 Pension	6,20,000
2,28,020	3,25,000	3,25,000	2 Gratuities	3,55,000
—	25,000	25,000	3 Compensation under WMC Act	25,000
7,23,407	8,35,000	8,35,000	Total (ii)	10,00,000
—	1,00,000	25,000	<i>iii) Staff Welfare Fund</i>	1,00,000
56,57,726	1,09,64,000	1,10,39,000	Total (c)	1,16,41,000
			h) Setting up of a cell for SC/ST	
23,658	32,000	32,000	Salaries	35,000
364	2,500	2,500	T. A.	2,800
—	2,000	2,000	Contingencies	2,500
24,022	36,500	36,500	Total (h)	40,300

Agrl. Edn. Non-plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			III: ADMINISTRATION (ii) (PLAN)	
—	1,00,000	1 00,000	a) Expansion of area in Main Campus	2,50,000
—	50,000	50,000	b) Staff Amenities (Provision for bus)	2,50,000
2,92,528	4,01,500	3,98,000	c) School at Main Campus	4,89,100
2,92,528	5,51,500	5,48,000	Total	9,89,100

			c) School at Main campus	
2,49,009	3,24,000	3,24,000	Salaries	4,10,400
—	500	1,500	T. A.	1,700
83	29,500	15,000	Pay of contingent staff	18,000
36,071	10,000	20,000	Furniture	20,000
—	2,500	2,500	Library	3,000
1,356	8,000	8,000	Office expenses and miscellaneous	8,500
—	5,000	5,000	Teaching aids	5,000
—	10,000	10,000	Playing Materials	10,000
—	1,500	1,500	Health Services	1,500
—	1,500	1,500	Stationery	1,700
—	500	500	Refreshment charges	500
2,500	4,000	4,000	Excursion	4,500
156	1,500	1,500	Sanitary items for Creche	1,500
3,353	3,000	3,000	Celebrations and Competitions	3,200
2,92,528	4,01,500	3,98,000	Total (c)	4,89,100

EDUCATION, RESEARCH & EXTENSION**IV. EDUCATION****a) AGRICULTURAL EDUCATION (i) (NON-PLAN)****1) Agricultural College, Vellayani****A Running Expenses**

66,44,767	66,18,000	65,98,000	Salaries	75,00,000
92,759	95,000	1,00,000	T. A.	1,15,000
			<i>Contingencies</i>	
1,10,930	2,00,000	3,50,000	Maintenance of vehicles	2,10,000
3,805	6,000	6,000	Uniforms	6,500
2,08,611	1,65,000	2,00,000	Office expenses & Miscellaneous	2,10,000
18,401	15,000	35,000	P. C. R.	50,000
38,389	40,000	47,000	Stationery & Printing	55,000
2,090	5,000	5,000	Advertisement charges	5,000
2,392	10,000	10,000	Furniture	10,000
186	16,000	16,000	Books & periodicals	18,000
52,150	50,000	50,000	Merits scholarship	55,000
5,700	70,000	70,000	Educational concessions	75,000
—	—	—	I.C.A.R. and other scholarships / Passing accounts	—
45,596	45,000	45,000	Examinations	57,000
—	—	—	Documentation/publication charges	50,000
72,25,776	73,35,000	75,32,000	Total (A)	84,16,500

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			B. College Farm Operations	
30,517	50,000	50,000	Cost of Permanent labour	70,000
70,792	75,000	80,000	Cost of Seasonal Labour	95,000
86,356	1,70,000	3,00,000	Cost of feed/fodder	3,50,000
3,400	10,000	10,000	Maintenance of farm machinery	10,000
14,014	55,000	55,000	Chemicals/fertilizers	58,000
15,515	25,000	25,000	Other farm expenditure	30,000
—	—	—	Cultivation of fodder	1,00,000
—	—	—	Addl. facilities to Vety. Hospital	50,000
—	—	—	Cost of medicines and equipments	35,000
—	—	—	Purchase of animals, poultry and teaching aids	70,000
—	—	—	Farm improvement programme	3,00,000
2,20,594	3,85,000	5,20,000	Total (B)	11,68,000
74,46,370	77,20,000	80,52,000	Total (A+B)	95,84,500
			C. Unit Project on Higher Education and Training in Food and Nutrition	
1,49,900	—	—	Salaries	—
4,976	—	—	T. A.	—
			Contingencies	—
1,005	—	—	Maintenance of vehicles	—
1,55,881	—	—	Total	—
			D. P. G. course in Agricultural Extension	
1,09,251	36,000	64,300	Salaries	76,500
40	1,000	3,000	T. A.	3,500
—	5,000	5,000	Contingencies	5,500
—	2,000	2,000	Other charges	2,500
1,09,291	44,000	74,300	Total	88,000
			E. Sports, Games & Students amenities	
11,714	15,000	15,000	i) Purchase of sports goods	20,000
			ii) Affiliation, entrance fee for tournaments, participation in league matches, intercollegiate tournaments etc.	25,000
5,770	15,000	15,000	iii) Capital investments (Permanent equipments, facilities etc.)	20,000
14,968	20,000	20,000	iv) Grants to students union	25,000
65	23,000	23,000	v) Other physical amenities in hostels etc.	30,000
1,940	30,000	30,000	vi) Grant to the College hostels	38,000
—	—	9,000		
34,457	1,03,000	1,12,000	Total	1,53,000
			F) Department of Plant Breeding	
1,69,572	2,76,000	2,76,000	Salaries	3,35,700
8,339	5,000	5,000	T. A.	5,000
500	10,000	10,000	Contingencies	10,000
—	5,000	5,000	Other charges	5,000
1,78,411	2,96,000	2,96,000	Total	3,55,700

Agrl. Edn. Non-plan—contd.....

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	—	18,000	G) T. A. R. C. Amboori	
			2) Instructional Farm, Vellayani	
			A. Running Expenses	
3,45,914	3,40,000	3,70,000	Salaries	4,40,000
3,242	5,000	6,000	T. A.	7,000
			<i>Contingencies</i>	
12,605	16,000	16,000	Maintenance of vehicle	20,000
5,092	6,500	6,500	Office expenses and miscellaneous	7,000
2,848	3,000	3,000	Stationery and Printing	3,000
5,635	5,000	5,000	Advertisement charges	5,000
3,75,336	3,75,500	4,06,500	Total (A)	4,82,000
			B. Farm Operations	
4,67,376	5,48,000	5,48,000	Salaries	5,93,000
2,364	2,500	2,500	T. A.	3,500
			<i>Other charges:</i>	
17,65,534	16,40,000	21,00,000	Cost of permanent labour	23,50,000
7,24,787	2,70,000	3,20,000	Cost of seasonal labour	4,00,000
37,514	25,000	45,000	Maintenance of farm machinery	45,000
67,748	70,000	70,000	Chemicals/Fertilizers etc.	75,000
12,486	15,000	15,000	Cost of feed/fodder	20,000
53,701	50,000	50,000	Other farm expenditure	60,000
24,06,518	26,20,500	31,50,500	Total (B)	35,46,500
			C. Additional Facilities to Instructional Farm & Kayal cultivation	
56,780	38,000	63,000	Salaries	85,100
—	500	500	T. A.	1,000
5,632	8,000	8,000	Contingencies	10,000
—	1,000	1,000	Other charges	3,000
6,16,662	6,20,000	6,20,000	Kayal cultivation programme	10,50,000
—	—	2,00,000	Kayal reclamation	—
6,79,074	6,67,500	8,92,500	Total (C)	11,49,100
34,60,928	36,63,500	44,49,500	Total (A+B+C)	51,77,600
			3. Horticultural College, Vellanikkara	
			A. Running Expenses	
31,78,870	31,65,000	43,10,000	Salaries	48,30,000
57,693	50,000	50,000	T. A.	58,000
			<i>Contingencies</i>	
36,764	45,000	56,000	Maintenance of vehicle	62,000
81,337	75,300	1,50,000	Office expenses & Miscellaneous	1,75,000
10,004	15,000	25,000	Stationery & Printing	30,000
—	3,500	3,500	Advertisement charges	4,000
4,957	15,000	80,000	Furniture	60,000
25,054	30,000	30,000	Examinations	30,000
—	5,000	5,000	Rent, rates & taxes	5,000
32,550	46,000	46,000	Merit scholarships	46,000
—	—	—	Educational concessions	—
4,000	60,000	60,000	I. C. A. R. & Other scholarships passing a/c	60,000
500	50,000	1,40,000	Chemicals/fertilizers/glasswares	60,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
5,059	6,000	10,000	Other items	12,000
—	—	—	Documentation/publication charges	50,000
—	—	55,000	Strengthening the Department of Processing Technology	7,00,000
34,51,916	35,65,500	50,20,500	Total (A)	61,82,000
			B. College Farming Operations	
—	—	—	Cost of Permanent labour	50,000
—	—	—	Cost of seasonal labour	75,000
—	—	—	Chemicals/fertilisers	1,50,000
—	—	—	Maintenance of farm machinery	15,000
—	—	—	Other farm expenditure	35,000
—	—	—	Total (B)	3,25,000
34,51,916	35,65,500	50,20,500	Total (A+B)	65,07,000
			C. Sports, Games & Students amenities	
284	15,000	15,000	i) Purchase of sports goods, affiliation, entrance fee for tournaments etc.	15,000
13,288	15,000	15,000	ii) Participation in league matches inter- collegiate tournaments etc.	15,000
740	15,000	15,000	iii) Capital investments (Permanent equipment, facilities etc.)	20,000
5,292	25,000	25,000	iv) Other physical amenities in hostels etc.	50,000
8,000	22,000	22,000	v) Grants	25,000
—	—	15,000	vi) Grants to the college hostels	60,000
27,604	92,000	1,07,000	Total (C)	1,85,000
			D. Research and Education in Horticultural Crops	
1,55,215	3,10,000	3,10,000	Salaries	3,20,000
105	4,000	4,000	T. A.	4,500
18,212	30,000	30,000	Contingencies	35,000
260	4,000	4,000	Other charges	5,000
1,73,792	3,48,000	3,48,000	Total	3,64,500
			E. Instructional Farm (Hort. College)	Provided under College farm operations
7,82,621	10,50,000	12,00,000		
			4. Agricultural Research Station, Mannuthy	
			A. Running Expenses	
2,27,943	2,92,000	3,00,000	Salaries	4,05,000
1,013	2,000	2,000	T. A.	2,500
			<i>Contingencies</i>	
9,245	15,000	22,000	Maintenance of vehicles	24,300
10,359	9,000	12,000	Office expenses & Miscellaneous	15,100
1,466	2,000	2,000	Stationery and Printing	2,500
—	1,000	1,000	P. C. R.	1,700
—	—	—	Furniture	20,000
1,000	2,000	2,000	Advertisement charges	2,000
—	400	400	Books & Periodicals	500
2,51,026	3,23,400	3,41,600	Total (A)	4,73,600

Agri. Edn. Non-plan—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			B. Farm Operations	
2,25,694	2,56,000	2,56,000	Salaries	2,85,000
1,413	800	3,000	T. A.	1,000
			<i>Other charges</i>	
4,28,739	4,53,000	4,55,000	Cost of Permanent labour	5,07,800
67,679	55,000	75,000	Cost of Seasonal labour	80,000
15,789	15,000	15,000	Maintenance of farm machinery	18,300
16,457	22,000	22,000	Chemicals/fertilizers	23,000
19,685	12,000	30,000	Other farm expenditure	60,000
7,75,456	8,13,800	8,56,000	Total (B)	9,75,100
10,26,482	11,37,200	11,97,400	Total (A+B)	14,48,700
			5. Kelappaji College of Agri. Engineering & Technology, Tavanur	
			A. Running expenses	
8,50,536	9,40,000	9,40,000	Salaries	10,00,000
10,206	12,000	12,000	T. A.	12,000
			<i>Contingencies</i>	
—	—	—	Pay of contingent staff	2,000
16,962	15,000	18,000	Maintenance of vehicles	20,000
31,130	35,000	35,000	Office expenses and miscellaneous	37,000
—	2,000	2,000	P. C. R.	2,000
—	5,000	5,000	Stationery and printing	5,000
—	3,000	3,000	Advertisement charges	3,000
—	—	—	Furniture	—
—	2,000	2,000	Rent, Rates and Taxes	2,000
2,157	10,000	10,000	Books and Periodicals	5,000
—	—	—	Educational Concessions	—
—	5,000	5,000	Chemicals/fertilizers	5,000
8,691	10,000	10,000	Other expenditure	11,000
—	15,000	15,000	L. S. for settling the liabilities of R. I., Tavanur	15,000
9,19,682	10,54,000	10,57,000	Total (A)	11,19,000
			B. Instructional Farm, Tavanur	
36,342	1,16,000	1,80,000	Salaries	2,08,000
991	800	800	T. A.	1,000
			<i>Other charges</i>	
4,11,425	4,60,000	5,00,000	Cost of permanent labour	5,45,000
1,39,353	1,00,000	2,16,000	Cost of seasonal labour	2,40,000
1,12,261	1,25,000	1,25,000	Cost of feed/fodder	1,30,000
19,702	58,000	58,000	Farm Machinery	65,000
15,632	20,000	20,000	Chemicals, fertilizers, equipments	25,000
11,541	11,000	11,000	Office expenses and Miscellaneous	13,000
2,941	20,000	20,000	Drugs, Chemicals etc.	25,000
—	—	—	Dairy Unit	5,000
—	—	—	Poultry Unit	5,000
—	—	10,000	Vegetable seed production programme	—
7,50,188	9,10,800	11,40,800	Total (B)	12,62,000
16,69,870	19,64,800	21,97,800	Total (A+B)	23,81,000

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
C. Diploma Course in Agrl. & Rural Engg.				
3,05,219	—	—	Salaries	—
4,966	—	—	T. A.	—
28,823	—	—	Contingencies	—
400	—	—	Merit Schloarships	—
4,220	—	—	Field training allowance	—
1,365	—	—	Other charges	—
3,44,993	—	—	Total	—
D. Sports Games & Students Amenities				
—	10,000	20,000	i) Purchase of sports goods	10,000
9,548	10,000	10,000	ii) Affiliation, entrance fee etc.	10,000
5,000	10,000	10,000	iii) Capital investments (Permanent equipments, facilities etc).	10,000
23,528	30,000	30,000	iv) Other Physical amenities in hostels etc.	30,000
—	15,000	15,000	v) Grants to Students Union	15,000
—	—	7,000	vi) Grants to the College Hostels	20,000
38,076	75,000	92,000	Total (D)	1,04,000
E. Diploma course in Agricultural Science				
55,709	85,000	85,000	Salaries	1,00,000
1,415	2,000	2,000	T. A.	2,500
30	2,000	2,000	Contingencies	2,000
—	2,000	2,000	Stationery & Printing	2,000
—	—	—	Teaching aids and specimens	—
—	1,000	1,000	<i>Other charges</i>	
—	10,000	10,000	Remuneration to examiners	1,000
400	10,000	10,000	Study tour	10,000
13,625	45,000	45,000	Merit Scholarship	10,000
554	2,000	2,000	Field training allowance	45,000
			Other items	2,000
71,733	1,59,000	1,59,000	Total (E)	1,74,500
6. Instructional Farm, Vellanikkara				
A. Running Expenses				
			Salaries	2,80,000
			T. A.	2,000
			Maintenance of vehicles	10,000
			Office Expenses	2,000
			Advertisement charges	2,000
			Stationery	2,000
			Books and periodicals	500
			Total (A)	2,88,500

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			B Farm Operations	
			Salaries	1,35,000
			T. A.	1,500
			Cost of permanent labour	3,03,900
			Cost of seasonal labour	48,000
			Maintenance of Farm machinery	10,000
			Chemicals and Fertilisers	40,000
			Other Farm Expenditure	40,000
			Total (B)	5,78,400
			Total (A+B)	8,76,900
			IV. a) AGRICULTURAL EDUCATION (ii) PLAN	
			1. Agricultural College, Vellayani	
			A. Strengthening of Post graduate Programme	
2,20,756	1,40,000	2,00,000	Contingencies	2,10,000
1,461	10,000	1,00,000	Other charges	20,000
2,22,217	1,50,000	3,00,000	Total	2,30,000
			B. Nematology Section	
76,368	76,500	81,500	Salaries	1,06,500
1,679	1,500	1,500	T. A.	2,000
—	2,000	2,000	Contingencies	2,500
—	1,000	1,000	Other charges	1,200
78,047	81,000	86,000	Total	1,12,200
			C. Development of the Department of Agricultural Economics	
4,461	—	—	Salaries	—
—	—	—	T. A.	—
—	—	—	Contingencies	—
—	—	—	Other charges	—
4,461	—	—	Total	—
			D. Exchange of Teachers, Teaching Reforms, Educational Tours	
81,464	80,000	90,000	Study Tour	1,50,000
1,500	15,000	15,000	T. A. to Teachers	20,000
300	5,000	5,000	Other expenses	5,000
83,264	1,00,000	1,10,000	Total	1,75,000
			E. Establishment of a section of Insect Pathology and Microbial control of Insects under the Department of Entomology	
1,38,351	1,35,000	1,47,000	Salaries	1,60,000
882	2,000	2,000	T. A.	2,000
1,484	3,000	3,000	Contingencies	3,500
1,40,717	1,40,000	1,52,000	Total	1,65,500

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			F. Development of College Library	
17,133	19,800	32,000	Salaries	20,000
126	500	500	T. A.	1,000
1,17,177	2,00,000	2,00,000	Books/journals etc.	1,40,000
2,573	10,000	11,500	Other contingencies	13,000
—	2,000	500	Other charges	1,000
1,37,009	2,32,300	2,44,500	Total	1,75,000
1,15,675	1,00,000	90,000	G. Equipments and fittings	5,00,000
1,52,989	1,00,000	2,00,000	H. Advanced Training to teachers/workers	2,00,000
			I. Plant Pathology Herbarium	
1,35,333	1,53,600	1,53,600	Salaries	1,57,600
1,873	2,000	2,000	T. A.	2,000
748	3,000	3,000	Contingencies	3,000
—	1,400	1,400	Other charges	1,500
1,37,954	1,60,000	1,60,000	Total	1,64,100
40,309	50,000	70,000	J. Additional (Research) Facilities at College	1,00,000
—	—	—	K. Book bank	20,000
32,123	1,50,000	1,50,000	2. College of Horticulture	
			A. Equipments and Fittings	2,00,000
			B. Exchange of Teachers, Teaching reforms, Educational Tours etc.	
68,098	87,000	87,000	Study tour	1,50,000
14,029	15,000	15,000	T. A. to Teachers	20,000
1,415	2,000	2,000	Other expenses	5,000
83,542	1,04,000	1,04,000	Total	1,75,000
—	—	—	C. Book Bank	20,000
			D. Botanical garden	
—	—	—	Salaries	35,000
—	—	—	T. A.	2,000
—	—	—	Contingencies	2,10,000
—	—	—	Other charges	3,000
—	—	—	Total	2,50,000
1,29,780	75,000	1,50,000	E. Additional Research Facilities at Horticulture College	1,00,000
			F. Development of Library	
11,421	14,000	14,000	Salaries	23,000
564	500	500	T. A.	500
3,105	5,000	5,000	Contingencies	5,000
—	1,000	1,000	Other charges	1,000
2,17,831	2,50,000	2,50,000	Books, Journals etc.	1,45,500
2,32,921	2,70,500	2,70,500	Total	1,75,000

Agrl. Edn. Plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			G. Vegetable Seed Production Complex	
73,600	74,800	90,000	Salaries	68,500
444	1,500	1,500	T. A.	1,500
77,163	75,000	75,000	Contingencies	70,000
9,433	10,000	10,000	Other charges	10,000
1,60,640	1,61,300	1,76,500	Total	1,50,000
			H. Strengthening of Postgraduate Programme	
1,50,200	1,00,000	2,00,000		2,30,000
			I. Establishment of a Centre of Excellence/ advanced studies for Humid Tropical Tree Crops and Environmental Horticulture (Spices, Plantation Crops, fruits and Forest trees)	
2,53,712	2,10,000	2,10,000	Salaries	1,60,000
3,773	5,000	5,000	T. A.	2,500
51,015	40,000	40,000	Contingencies	45,000
3,213	5,000	5,000	Other charges	20,000
3,11,713	2,60,000	2,60,000	Total	2,50,000
2,72,928	50,000	50,000	J. Advanced Training to Teachers/Workers	1,50,000
			K. Establishment of Computer Centre	
1,95,543	3,25,000	3,25,000	Salaries	2,32,500
1,960	2,000	2,000	T. A.	2,500
3,824	45,000	45,000	Recurring contingencies	45,000
3,82,979	23,000	23,000	Non-recurring contingencies	4,20,000
5,84,306	3,95,000	3,95,000	Total	7,00,000
—	1,00,000	1,00,000	L. University Central Library	1,00,000
—	—	—	M. Seed Technology	5,00,000
—	—	—	N. Strengthening the Dept. of Agrl. Extension	5,00,000
—	—	—	O. Strengthening the Dept. of Agrl. Meteorology	2,00,000
—	—	—	P. Strengthening the Dept. of Processing Technology	7,00,000
			IV. a) AGRICULTURAL EDUCATION	
			iii) Other Sources	
			Manpower Development Scheme	
			Horticulture College.	
			(Sponsored by Coffee Board)	
64,080	73,500	73,500	Salaries	Scheme terminated
3,210	5,000	5,000	T. A.	
552	5,000	5,000	Other items	
67,842	83,500	83,500	Total	

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
IV b) VETERINARY EDUCATION (i) NON-PLAN				
1. a) College of Veterinary and Animal Sciences, Mannuthy				
A. Running Expenses				
55,18,930	66,30,000	65,00,000	Salaries	68,00,000
1,37,349	1,00,000	75,000	T. A.	1,00,000
—	—	—	<i>Contingencies</i>	
8,417	10,000	10,000	Documentation/publication charges	50,000
64,958	95,000	75,000	Pay of contingent staff	10,000
4,600	10,000	10,000	Maintenance of vehicles	85,000
2,41,721	2,00,000	3,00,000	Supply of uniforms	15,000
1,131	5,000	5,000	Office expenses and Miscellaneous	3,00,000
14,974	16,000	16,000	P. C. R.	5,000
6,012	8,000	5,000	Stationery and printing	20,000
4,230	10,000	1,20,000	Advertisement charges	8,000
—	6,000	6,000	Furniture	20,000
—	2,000	2,000	Rent, rates and Taxes	6,000
8 271	—	—	Office Books and Periodicals	3,000
—	56,000	45,000	Educational concessions*	—
25,146	35,000	30,000	Merit Scholarships	50,000
30,840	44,000	44,000	Examinations	35,000
			ICAR Scholarships/Passing account	50,000
60,66,579	72,27,000	72,43,000	Total (A)	75,57,000
B. College Farm Operations				
90,090	1,05,000	1,00,000	Cost of Permanent labour	1,50,000
50,967	65,000	50,000	Feed/Fodder	75,000
59,703	65,000	40,000	Chemicals/Drugs	50,000
5,052	12,000	10,000	Other Farm expenditure	15,000
2,05,812	2,47,000	2,00,000	Total (B)	2,90,000
62,72,391	74,74,000	74,43,000	Total (A+B)	78,47,000
2. Applied Nutrition Programme				
599	—	—	Salaries	—
—	—	—	T. A.	—
2,000	—	—	Contingencies	—
—	—	—	Other charges	—
2,599	—	—	Total	—
3. Mobile Diagnostic Laboratory				
—	15,000	—	Salaries	15,000
—	2,000	—	T. A.	2,000
7,233	13,000	7,000	<i>Contingencies</i>	
—	1,000	1,000	Maintenance of vehicles	10,000
7,233	31,000	8,000	Other charges	1,000
			Total	28,000

* Direct payment by HWD/TDD

Vety. Edn. Plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			4. Mobile unit for expert service on sexual health control of cattle	
18,264	18,400	20,000	Salaries	22,000
1,808	2,200	1,000	T. A.	1,500
			<i>Contingencies</i>	
12,529	14,000	10,000	Maintenance of vehicles	15,000
—	1,000	1,000	Other charges	1,000
32,601	35,600	32,000	Total	39,500
			5. Post Graduate Programme	
1,68,876	1,75,000	90,000	Contingencies	1,00,000
1,462	15,000	10,000	Other charges	10,000
1,70,338	1,90,000	1,00,000	Total	1,10,000
			6. Sports, Games and Students amenities	
3,135	20,000	20,000	Sports goods, affiliation, entrance fee for tournaments	25,000
4,156	15,000	10,000	Participation in league matches, Inter-Collegiate tournaments	15,000
—	15,000	10,000	Capital investments (Permanent equipments)	15,000
9,837	35,000	15,000	Other physical amenities in hostels etc.	25,000
—	20,000	20,000	Grants to Students' Union	20,000
—	—	15,000	Grants to the College Hostel	60,000
17,128	1,05,000	90,000	Total	1,60,000
			7. Dairy Technology Unit	
—	79,000	—	Salaries	80,000
—	5,000	—	T. A.	5,000
27,870	35,000	25,000	Contingencies	30,000
—	—	—	Equipments and fittings	5,00,000
27,870	1,19,000	25,000	Total	6,15,000
—	—	2,50,000	8 VPH. Meat Technology Unit	5,00,000
			IV (b) VETERINARY EDUCATION (ii) PLAN	
			1. Introduction of Dairy Technology course	
—	25,000	15,000		25,000
			2. Development of Library	
16,438	17,000	22,000	Salaries	25,000
—	400	400	T. A.	500
—	8,000	2,000	Contingencies	3,000
1,61,991	2,50,000	2,00,000	Books, Journals etc.	2,50,000
1,78,429	2,75,400	2,24,400	Total	2,78,500

Fisheries Edn. Non-plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
25,49,203	2,50,000	31,50,000	3. Equipments and fittings	6,50,000
49,947	50,000	25,000	4. Hospital/Ambulatory clinic	7,00,000
			5. Exchange of Teachers, Teaching Reforms and Educational Tours	
59,600	75,000	75,000	Educational Tour	80,000
15,906	15,000	10,000	T. A. to teachers	15,000
—	10,000	5,000	Other expenses	5,000
75,506	1,00,000	90,000	Total	1,00,000
—	25,000	5,000	6. Book Bank	25,000
—	15,000	5,000	7. Earn while you learn scheme	25,000
2,50,045	75,000	75,000	8. Advanced training to teachers/ workers	50,000
			9. Award of Internship to Vety. Students	
47,309	2,00,000	2,00,000	ICAR share	2,00,000
11,392	50,000	50,000	University share	50,000
58,701	2,50,000	2,50,000	Total	2,50,000
			10. Strengthening of Undergraduate Programme	
11,60,259	10,80,000	20,00,000	Salaries	25,00,000
8,940	20,000	20,000	T. A.	30,000
67,209	85,000	80,000	Recurring contingencies	90,000
29,400	30,000	20,000	Merit scholarship	30,000
25,323	30,000	15,000	Study tour	25,000
3,000	50,000	10,000	Development of Instructional Farm	20,000
95,429	1,00,000	1,00,000	Non-recurring contingencies	1,50,000
13,89,560	13,95,000	22,45,000	Total	28,45,000
			IV. c) FISHERIES EDUCATION (i) NON-PLAN	
			1. College of Fisheries	
16,69,740	20,50,000	20,00,000	Salaries	23,00,000
42,633	42,000	40,000	T. A.	42,000
			Contingencies	
10,030	15,000	10,000	Pay of contingent staff	15,000
2,34,695	75,000	75,000	Maintenance of vehicles	80,000
64,139	78,000	70,000	Office expenses and Miscellaneous	75,000
15,028	16,000	15,000	Stationery and Printing	18,000
8,007	12,000	7,000	Advertisement charges	10,000
10,805	15,000	1,000	Furniture	30,000
1,779	—	5,000	P. C. R.	10,000
			Other charges	
1,100	10,000	8,000	Feed	10,000
30,407	40,000	30,000	Chemicals/Glasswares	35,000
—	15,000	15,000	Examinations	15,000
3,000	15,000	15,000	ICAR Scholarship/Passing account	15,000
5,250	15,000	15,000	Merit Scholarship	15,000
53,735	70,000	70,000	Rent, rates and taxes	75,000
29,830	35,000	20,000	Other items	25,000
—	—	—	Documentation/Publication charges	20,000
21,80,178	25,23,000	23,96,000	Total	27,90,000

Fisheries Edn. Plan

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			2. Establishment of Instructional Farm for Brackish water fish and Prawn culture at Puduveypu	
1,26,969	2,23,000	2,00,000	Salaries	2,50,000
7,537	6,000	4,000	T. A.	6,000
1,76,567	2,65,000	2,25,000	Contingencies	3,00,000
2,023	20,000	20,000	Other charges	25,000
3,13,096	5,14,000	4,49,000	Total	5,81,000
			3. Sports, games and students amenities	
11,926	15,000	15,000	Purchase of sports goods	15,000
7,926	10,000	10,000	Affiliation/Entrance fee etc.	10,000
4,500	15,000	10,000	Capital Investments/permanent equipment facilities etc.	15,000
33,309	35,000	25,000	Other physical amenities in hostels etc.	30,000
9,750	12,000	12,000	Grants to students Union	15,000
—	—	3,000	Grants to the College Hostel	13,000
67,411	87,000	75,000	Total	98,000
4,589	50,000	40,000	4. Strengthening of College Administration	50,000
			IV. (c) FISHERIES EDUCATION (ii) PLAN	
31,79,006	25,50,000	1,00,000	1 College of Fisheries	
38,011	2,50,000	25,000	L. A. Charges	38,00,000
			2 Strengthening College of Fisheries	2,00,000
24,714	50,000	25,000	3 Instructional Farm for Fresh Water Fish Culture, Vellayani	50,000
			4 Exchange of Teachers, Teaching Reforms and Educational Tours	
3,500	20,000	20,000	Study Tour	20,000
—	3,000	3,000	T. A. to Teachers	3,000
—	2,000	1,000	Other expenses	2,000
3,500	25,000	24,000	Total (4)	25,000
—	15,000	5,000	5 Book Bank	10,000
—	10,000	5,000	6 Establishment of Fisheries Engineering Workshop	10,000
808	10,000	7,000	7 Establishment of Aquarium	10,000
—	25,000	10,000	8 Starting P G Programme	40,000
—	10,000	1,000	9 Earn while you learn scheme	10,000
89,057	1,00,000	75,000	10 Equipments and fittings	1,00,000
1,99,853	2,00,000	10,000	11 Library (Books, Journals)	60,000
11,693	25,000	25,000	12 Advanced Training to Teachers/ Workers/Workshop	25,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
87,887	3,00,000	1,00,000	13 Instructional Farm, Panangad	
			Fishing vessels	1,00,000
			<i>Contingencies</i>	
1,74,939	2,00,000	2,00,000	Labour charges	1,50,000
—	90,000	30,000	Chemicals/fertilizers	45,000
—	10,000	5,000	Other Farm expenditure	5,000
2,62,826	6,00,000	3,35,000	Total (13)	3,00,000
—	—	—	14 Instructional Farm, Puduveyppu	50,000
			IV. (d) FACULTY OF BASIC SCIENCES AND HUMANITIES (PLAN)	
			a) Establishment of Faculty of Basic Sciences and Humanities	
21,969	90,000	90,000	Salaries	90,000
246	1,000	1,000	T. A.	1,000
			<i>Contingencies</i>	
6,150	—	—	Maintenance of vehicles	—
9,664	8,000	8,000	Office expenses and Miscellaneous	8,000
14,590	—	1,000	Furniture	—
470	—	—	Other charges	—
9,903	1,000	1,000	Other expenses	1,000
62,992	1,00,000	1,00,000	Total (a)	1,00,000
			b) Instrumentation Centre	
28,235	1,60,000	1,60,000	Salaries	75,000
2,304	5,000	5,000	T. A.	3,000
34,204	30,000	30,000	Contingencies	12,000
90	5,000	5,000	Other charges	10,000
64,833	2,00,000	2,00,000	Total (b)	1,00,000
1,27,825	3,00,000	3,00,000	Total (a+b)	2,00,000
			IV. (e) COLLEGE OF FORESTRY (PLAN)	
51,924	1,25,000	2,25,000	Salaries	2,60,000
3,056	8,000	6,000	T. A.	8,000
			<i>Recurring contingencies</i>	
34,759	20,000	20,000	Office expenses and Miscellaneous	17,000
—	2,000	—	Telephone charges	2,000
—	15,000	15,000	Maintenance of vehicles	15,000
—	3,000	2,000	Stationery and Printing	3,000
—	3,000	—	Advertisement charges	2,000
—	5,000	2,000	Merit Scholarship	5,000
—	3,000	3,000	Examinations	3,000
—	—	—	Documentation/Publication charges	5,000
—	10,000	10,000	Educational Tour	10,000
20,404	10,000	9,000	Other items	10,000
			<i>Non-Recurring contingencies</i>	
91,957	1,00,000	1,15,000	Library—Books, Journals	50,000
46,577	1,00,000	50,000	Equipments and fittings	1,00,000
60,000	50,000	5,000	Other infrastructural facilities	10,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
1,24,810	50,000	1,20,000	Training	25,000
—	—	1,00,000	P. G. Research Programme	75,000
—	—	—	Purchase of Mini bus	3,50,000
—	—	—	Sports, Games and Students Amenities	5,000
4,33,487	5,04,000	7,12,000	Total	9,55,000
IV (f) POST GRADUATE STUDIES (PLAN)				
56,335	1,05,000	1,05,000	Salaries	1,05,000
4,059	10,000	10,000	T. A.	12,000
20,103	15,000	15,000	Maintenance of vehicles	20,000
1,250	10,000	10,000	Other office contingencies	10,000
—	—	—	Furniture	3,000
81,747	1,40,000	1,40,000	Total	1,50,000
IV (g) COLLEGE OF CO-OPERATION & BANKING (PLAN)				
7,13,082	7,42,000	8,50,000	Salaries	9,00,000
13,607	10,000	15,000	T. A.	15,000
<i>Contingencies</i>				
15,428	15,000	30,000	Furniture	5,000
—	6,000	10,000	Office equipments	10,000
4,460	10,000	10,000	Office expenses and miscellaneous	10,000
14,636	10,000	9,000	Stationery and printing	12,000
16,100	12,000	12,000	Merit scholarship	12,000
50,000	50,000	50,000	Library—Books/Journals	75,000
—	1,000	1,000	Advertisement charges	1,000
11,447	10,000	6,000	Maintenance of vehicle	10,000
4,985	8,000	5,000	Book Bank	8,000
11,160	10,000	8,000	L. S. for supporting staff	10,000
3,074	5,000	3,000	Telephone	5,000
—	20,000	15,000	Departmental Research Projects	5,000
7,615	8,000	6,000	Self Improvement programme of students	8,000
1,017	2,000	2,000	Other items	4,000
8,065	10,000	10,000	Cost of P. L.	10,000
—	—	—	Student Training Allowance	7,000
—	—	—	Documentation/Publication charges	10,000
8,74,676	9,34,000	10,42,000	Total	11,32,000
Exchange of teachers, teaching reforms, educational tour etc.				
53,241	10,000	7,000	Study tour	30,000
10,236	500	500	T. A. to Teachers	10,000
63,477	10,500	7,500	Total	40,000
Sports, Games and Students Amenities				
6,057	5,000	5,000	Purchase of sports goods	5,000
6,857	5,000	2,000	Affiliation, entrance fee for tournaments, participation in league matches, inter-collegiate tournaments etc.	5,000
4,577	5,000	1,000	Capital investments (Permanent equipment facilities)	5,000
—	10,000	7,000	Grants to students union	10,000
17,491	25,000	15,000	Total	25,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
IV(h) FACULTY OF AGRICULTURAL ENGINEERING (PLAN)				
Kelappaji College of Agricultural Engineering & Technology				
4,63,402	6,32,000	8,00,000	Salaries	10,00,000
41,040	30,000	35,000	T. A.	40,000
<i>Recurring contingencies</i>				
19,432	26,000	20,000	Office expenses and Miscellaneous	25,000
4,007	3,000	3,000	Telephone charges	5,000
43,513	30,000	40,000	Maintenance of vehicles	50,000
17,425	16,000	16,000	Stationery and Printing	20,000
23,193	25,000	25,000	Sports, Games, and Students amenities	25,000
3,150	10,000	10,000	Merit Scholarship	10,000
—	2,000	2,000	Entertainment and guest charges	2,500
—	—	—	Study tour	10,000
—	—	—	Remuneration for Teachers/Examiners	40,000
—	—	—	Documentation/Publication charges	20,000
30,419	20,000	26,000	Other contingencies	25,000
—	6,000	6,000	Pay of contingent staff	7,000
—	—	—	Grants to the College Hostels	29,000
<i>Non-recurring contingencies</i>				
1,34,216	2,00,000	2,00,000	Equipments and fittings	5,00,000
—	—	55,000	Furniture	50,000
2,336	—	—	Maintenance and repairs	—
14,713	—	—	Office equipments	—
1,01,200	1,00,000	1,50,000	Library (Books, journals)	1,00,000
1,288	50,000	50,000	Faculty Research Programme (Including P. G. Programme)	50,000
8,99,334	11,50,000	14,38,500	Total	19,79,500

IV (i) COLLEGE OF RURAL HOME SCIENCE				
96,278	3,83,000	5,00,000	Salaries	5,80,000
3,215	10,000	8,000	T. A.	10,000
<i>Contingencies</i>				
	20,000	20,000	Maintenance of vehicle	25,000
	2,000	1,000	Office expenses and Miscellaneous	2,000
	3,000	3,000	Research projects	4,000
	1,000	500	Stationery and Printing	1,000
	—	—	Uniform	500
37,155	—	—	P. C. R.	1,000
	—	—	Advertisement charges	1,000
	—	—	Merit Scholarship	3,000
	—	18,000	Library (Books and journals)	50,000
	—	—	Examinations	5,000
	—	—	Strengthening of P. G. Programme	10,000
	4,000	2,500	Other items	3,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			<i>Other charges</i>	
—	—	—	Documentation/Publication charges	5,000
19,291	1,50,000	50,000	Lab equipments	1,00,000
6,089	10,000	5,000	Chemicals/glasswares	5,000
10,395	25,000	—	Furniture	25,000
1,655	10,000	15,000	L. S. for other items	20,000
—	1,25,000	1,15,500	Vehicles	—
1,74,078	7,43,000	7,38,500	Total	8,50,500
			Sports, Games and Students Amenities	
—	—	—	Purchase of sports goods	5,000
—	—	9,500	Affiliation, entrance fee for tournaments, Participation in league matches, inter collegi- ate tournaments etc.	5,000
—	—	—	Capital investments (Permanent equipment facilities)	5,000
—	—	—	Grants to Students Union	10,000
—	—	9,500	Total	25,000
			IV (j) DIRECTORATE OF STUDENTS WELFARE (NON-PLAN)	
			1. Direction	
20,436	1,98,000	1,98,000	Salaries	2,17,300
7,547	8,000	13,000	T. A.	14,000
			<i>Contingencies</i>	
1,193	5,000	5,000	Telephone charges	15,000
—	5,000	2,500	Stationery and printing	6,000
8,640	5,000	9,000	Maintenance of vehicles	8,000
252	10,000	5,000	Furniture	15,000
—	16,000	5,000	Entertainment and guest charges	7,000
3,025	3,000	16,000	Membership fees	22,500
300	3,000	3,000	Office contingencies	3,200
—	—	3,000	Other charges	4,000
—	—	—	Information and guidance bureau	7,000
41,393	2,58,000	2,59,500	Total	3,19,000
			2. Sports, Games and Students amenities (University level)	
—	30,000	30,000	Participation in tournaments	35,000
39,054	20,000	20,000	Intercollegiate tournaments	26,000
—	10,000	10,000	Conduct of Inter-University competitions Special projects (Coaching camps, seminars etc.)	20,000
—	15,000	15,000	Sports goods and equipments	7,000
—	15,000	15,000	Other amenities	15,000
—	10,000	10,000	Assistance to Sports Council	10,000
—	5,000	5,000	Membership fees	—
—	25,000	25,000		—
39,054	1,30,000	1,30,000	Total	1,13,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	25,000	25,000	3. Students Aid Fund	25,000
—	60,000	60,000	4. University Union	60,000
			5. R & V NCC SQN	
1,15,507	1,46,000	1,29,000	Salaries (Civilian staff)	1,35,000
1,196	6,000	6,000	T. A. (Staff and Cadets)	7,000
			<i>Contingencies</i>	
2,923	12,000	12,000	POL	12,000
8,950	16,000	16,000	Office expenses and miscellaneous	13,500
750	5,000	5,000	Office equipments	5,000
1,896	12,000	12,000	Refreshments	13,000
676	6,000	6,000	Washing allowance to Cadets	5,000
—	2,000	2,000	Amenity/Training grant	8,700
1,382	12,000	12,000	Camp expenditure	15,000
—	500	500	Outfit allowance	1,000
—	3,000	3,000	Honorarium	4,000
—	10,000	27,000	Rent	30,000
—	—	—	Telephone maintenance	3,200
1,33,230	2,30,500	2,30,500	Total	2,52,400
—	75,000	75,000	IV (k) UNIVERSITY LIBRARY (NON-PLAN)	75,000
			V. RESEARCH—NON-PLAN	
			a) DIRECTORATE OF RESEARCH	
2,30,947	3,82,000	3,82,000	Salaries	4,05,000
35,252	25,000	25,000	T. A.	28,000
			<i>Contingencies</i>	
43,049	35,000	35,000	Maintenance of vehicles	40,000
8,858	13,000	13,000	Telephone charges	15,000
—	5,000	5,000	Local cost of experts	5,000
2,263	20,000	20,000	Entertainment and guest charges	20,000
3,642	5,000	5,000	Other charges	5,000
—	—	25,000	Furniture and office equipments	—
—	—	—	Documentation/publication charges	90,000
3,24,011	4,85,000	5,10,000	Total	6,08,000
			V b) AGRICULTURAL RESEARCH	
			(i) NON-PLAN	
			1 Coconut Research Station, Pilicode	
			A. Running expenses	
3,94,381	4,53,000	4,53,000	Salaries	5,00,000
11,997	11,000	27,000	T. A.	20,000
			<i>Contingencies</i>	
21,112	10,000	28,000	Maintenance of vehicles	25,000
21,820	15,000	24,000	Office expenses and miscellaneous	25,000
1,694	3,000	6,000	P. C. R.	7,000
4,046	3,000	11,000	Stationery and Printing	7,000
—	2,000	2,000	Advertisement charges	2,000
3,557	2,000	2,000	Furniture	2,000
4,58,607	4,99,000	5,53,000	Total (A)	5,88,000

Agrl. Res. Non-plan—contd ..

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			B. Farm operations	
4,91,228	5,35,000	5,35,000	Salaries	5,80,000
2,483	2,500	5,000	T. A.	6,500
			<i>Other charges</i>	
2,28,419	2,31,000	4,00,000	Cost of permanent labour	4,10,000
3,40,570	1,75,000	4,60,000	Cost of seasonal labour	4,80,000
16,453	20,000	55,500	Cost of Feed/Fodder	60,000
11,416	10,000	10,000	Maintenance of Farm Machinery	12,000
91,249	95,000	1,00,000	Chemicals/Fertilizers	1,10,000
32,450	20,000	30,000	Other Farm expenditure	35,000
—	—	22,500	Vegetable seed production programme	—
12,14,268	10,88,500	16,17,500	Total (B)	16,93,500
16,72,875	15,87,500	21,70,500	Total (A+B)	22,81,500
			2. Coconut Research Station, Balaramapuram	
			A. Running expenses	
2,01,956	1,97,000	1,97,000	Salaries	2,15,000
4,641	4,500	4,500	T. A.	5,000
			<i>Contingencies</i>	
10,758	14,500	14,500	Office expenses & Miscellaneous	15,000
2,17,355	2,16,000	2,16,000	Total (A)	2,35,000
			B. Farm operations	
58,414	70,000	60,000	Salaries	70,000
1,229	1,400	1,400	T. A.	1,500
			<i>Other charges</i>	
1,53,617	1,75,000	1,75,000	Cost of permanent labour	1,95,000
39,446	45,000	55,000	Cost of seasonal labour	60,000
—	25,000	25,000	Chemicals/Fertilizers	58,000
26,326	5,000	5,000	Other Farm expenditure	6,000
—	—	—	Meteorological equipments	25,000
2,79,032	3,21,400	3,21,400	Total (B)	4,15,500
4,96,387	5,37,400	5,37,400	Total (A+B)	6,50,500
			3. R. A. R. S. Kumarakom	
			A. Running Expenses	
2,22,661	2,40,000	2,40,000	Salaries	2,56,000
7,232	5,000	6,000	T. A.	7,000
			<i>Contingencies</i>	
12,074	11,000	25,000	Maintenance of vehicles	25,000
9,659	14,000	19,000	Office expenses & Miscellaneous	20,000
—	—	—	P. C. R.	3,000
—	—	—	Furniture for new lab	1,00,000
—	—	—	Office equipments (typewriters)	9,000
—	—	—	Advertisement charges	2,000
—	—	—	Books & periodicals	2,000
2,51,626	2,70,000	2,90,000	Total (A)	4,24,000
			B. Farm Operations	
1,01,264	1,03,000	95,000	Salaries	90,000
1,000	1,000	1,000	T. A.	1,500

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			<i>Other charges</i>	
1,62,375	1,65,000	2,15,000	Cost of permanent labour	2,30,000
419	2,500	2,500	Maintenance of Farm machinery	3,000
99,498	1,00,000	2,05,000	Cost of seasonal labour	2,25,000
9,927	25,000	20,000	Chemicals/Fertilizers	25,000
6,677	7,000	10,000	Other farm expenditure	12,000
—	—	—	Farm development	1,99,000
3,81,160	4,03,500	5,48,500	Total (B)	7,85,500
6,32,786	6,73,500	8,38,500	Total (A+B)	12,09,500
			4. Integrated Research Project on Mixed Farming, Kumarakom	
			A. Running Expenses	
48,618	57,000	41,000	Salaries	53,000
274	500	500	T. A.	500
			<i>Contingencies</i>	
999	2,000	3,000	Office expenses and Misc.	3,500
—	—	—	PCR	2,000
49,891	59,500	44,500	Total (A)	59,000
			B. Farm Operations	
28,434	34,000	38,000	Salaries	52,500
333	500	500	T. A.	700
			<i>Other charges</i>	
38,711	39,000	74,000	Cost of labour (including cost of PL)	80,000
1,889	35,000	27,000	Cost of Feed/Fodder	35,000
477	5,000	5,000	Chemicals/Fertilizers/Drugs	5,800
2,985	3,000	5,000	Other farm expenditure	6,000
—	—	—	Developing Carp hatchery	1,15,000
72,829	1,16,500	1,49,500	Total (B)	2,95,000
1,22,720	1,76,000	1,94,000	Total (A+B)	3,54,000
			5. Regional Agrl. Research Station, Pattambi	
			A. Running expenses	
5,99,848	6,05,000	6,05,000	Salaries	7,75,000
4,613	10,000	10,000	T. A.	8,000
			<i>Contingencies</i>	
2,683	15,000	1,000	Maintenance of vehicles	15,000
21,004	19,000	33,000	Office expenses & Misc.	50,000
4,954	6,500	6,500	Stationery and Printing	7,000
1,650	3,500	3,500	Advertisement charges	3,500
—	5,000	5,000	Furniture	5,000
7,213	10,500	10,500	Books & periodicals	7,000
6,41,965	6,74,500	6,74,500	Total (A)	8,70,500

Agri. Res. Non-plan—contd.....

Accounts; 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
B. Farm Operations				
6,44,543	6,88,000	6,88,000	Salaries	6,66,000
1,980	2,000	2,000	T. A.	3,000
<i>Other charges</i>				
6,75,989	8,10,000	8,10,000	Cost of permanent labour	10,25,000
1,91,932	1,80,000	3,30,000	Cost of seasonal labour	4,25,000
11,231	25,000	25,000	Cost of Feed/Fodder	30,000
12,984	16,000	16,000	Maintenance of Farm Machinery	18,000
18,504	45,000	45,000	Chemicals/Fertilizers	50,000
26,814	25,000	25,000	Other Farm expenditure	25,000
3,855	5,000	5,000	PCR	5,000
—	—	22,500	Vegetable seed production programme	—
15,87,832	17,96,000	19,68,500	Total	22,47,000
22,29,797	24,70,500	26,43,000	Total (A+B)	31,17,500
6 Evaluation of Rice Based Mixed Farming Model (Demonstration-cum-Res. Unit)				
23,576	39,500	26,000	Salaries	34,000
794	1,000	1,000	T. A.	1,000
<i>Contingencies</i>				
—	—	—	Cost of Animals/Birds	10,000
37,458	37,000	42,000	Cost of Labour	46,300
20,574	45,000	45,000	Feed/Fodder	45,000
—	—	—	Paddy cultivation	—
—	5,000	—	Fodder cultivation	5,000
—	2,000	2,000	Dairy utensils	2,500
1,565	2,000	2,000	Other items	2,500
83,967	1,31,500	1,18,000	Total	1,46,300
7. Rice Research Station, Kayamkulam				
A. Running expenses				
3,36,350	3,53,000	3,80,000	Salaries	4,15,800
5,964	4,000	8,000	T. A.	9,000
<i>Contingencies</i>				
4,677	6,500	5,000	Pay of contingent staff	5,000
11,063	10,500	10,000	Office expenses & Misc.	10,000
—	—	—	Furniture	25,000
—	—	—	Installation of telephone	10,000
3,58,054	3,76,000	4,03,000	Total (A)	4,74,800
B. Farm Operations				
1,01,801	1,13,000	1,13,000	Salaries	1,19,600
213	1,000	1,000	T. A.	1,500
<i>Other charges</i>				
1,33,073	1,50,000	1,70,000	Cost of permanent labour	1,95,000
53,611	53,000	80,000	Cost of seasonal labour	1,40,000
3,972	6,000	6,000	Maintenance of farm machinery	30,000
19,671	25,000	25,000	Chemicals & fertilizers	30,000
10,615	8,000	10,000	Other farm expenditure	10,000
—	—	10,000	Vegetable seed production programme	—
3,22,956	3,56,000	4,15,000	Total (B)	5,26,100
6,81,010	7,32,000	8,18,000	Total (A+B)	10,00,900

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
8 Rice Research Station, Vyttila				
A. Running Expenses				
1,94,218	2,04,000	2,26,500	Salaries	2,56,500
4,037	4,000	7,000	T. A.	7,000
			<i>Contingencies</i>	
4,844	5,500	5,500	Pay of contingent staff	6,000
4,784	6,000	6,000	Office expenses & Misc.	6,000
2,07,883	2,19,500	2,45,000	Total (A)	2,75,000
B. Farm Operations				
76,607	78,600	78,800	Salaries	90,000
812	800	800	T. A.	800
			<i>Other charges</i>	
98,624	1,02,000	1,13,000	Cost of labour	1,40,000
869	1,000	1,000	Maintenance of farm machinery	1,000
2,309	7,500	4,000	Chemicals/fertilizers	5,000
6,654	5,000	5,000	Other farm expenditure	5,000
—	—	—	L. A. charges	—
1,85,875	1,94,900	2,02,600	Total (B)	2,41,800
3,93,758	4,14,400	4,47,600	Total (A+B)	5,16,800
9. Rice Research Station, Moncompu				
A. Running Expenses				
2,20,893	2,10,000	2,96,600	Salaries	3,57,300
4,928	5,000	7,000	T. A.	8,200
			<i>Contingencies</i>	
13,623	15,000	15,000	Office expenses & Miscellaneous	17,200
—	—	—	Books and periodicals	500
2,39,444	2,30,000	3,18,600	Total (A)	3,83,200
B. Farm Operations				
1,28,218	1,35,000	1,46,100	Salaries	1,40,300
1,147	700	1,300	T. A.	2,000
			<i>Other-charges</i>	
1,12,402	1,34,000	1,48,800	Cost of permanent labour	1,71,300
12,484	15,000	21,000	Cost of seasonal labour	25,000
—	5,000	5,000	Maintenance of Farm machinery	7,000
7,549	12,000	15,000	Chemicals/fertilizers	16,000
5,964	9,000	9,000	Other Farm Expenditure	10,500
—	—	3,000	PCR	5,000
—	—	2,600	L. A. Charges	—
2,67,764	3,10,700	3,51,800	Total (B)	3,77,100
5,07,208	5,40,700	6,70,400	Total (A+B)	7,60,300
10 RARS, Ambalavayal				
A. Running Expenses				
2,59,218	3,01,000	2,96,000	Salaries	3,82,000
7,768	8,000	8,000	T. A.	9,200
			<i>Contingencies</i>	
—	—	—	Maintenance of vehicles	—
13,013	16,000	16,000	Office expenses & Miscellaneous	18,400

Agrl. Res. Non-plan—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
526	2,000	2,000	PCR	2,000
4,262	5,000	5,000	Stationery and Printing	5,000
2,082	2,500	2,500	Advertisement charges	3,000
—	1,500	1,500	Furniture	2,000
3,675	5,500	5,000	Rent, rates and taxes	5,000
—	500	500	Books and periodicals	500
702	2,000	2,000	Telephone charges	1,000
2,91,246	3,44,000	3,38,500	Total (A)	4,28,100
B. Farm Operations				
3,59,610	3,73,000	3,84,000	Salaries	4,25,000
3,737	4,000	4,000	T. A.	5,000
<i>Other charges</i>				
9,82,896	10,20,000	13,22,000	Cost of permanent labour	13,10,000
74,328	75,000	97,000	Cost of seasonal labour	1,30,000
1,964	5,000	5,000	Cost of feed/fodder	5,000
18,565	21,000	25,000	Maintenance of Farm machinery	25,000
40,502	60,000	70,000	Chemicals/fertilizers	1,00,000
53,340	25,000	75,000	Other farm expenditure	40,000
—	—	30,000	Maintenance of farm nursery	60,000
15,34,942	16,83,000	20,17,000	Total (B)	21,00,000
18,26,188	19,27,000	23,50,500	Total (A+B)	25,28,100
11. Pepper Research Station, Panniyur				
A. Running Expenses				
1,61,218	1,85,000	2,16,000	Salaries	2,84,800
12,999	8,000	13,000	T. A.	14,000
<i>Contingencies</i>				
27,073	25,000	32,000	Maintenance of vehicles	34,800
12,029	11,000	15,000	Office expenses & Misc.	16,500
1,500	2,000	2,000	Stationery and printing	2,000
810	2,500	1,500	Advertisement charges	1,500
4,980	3,000	3,000	Furniture	3,500
2,20,609	2,36,500	2,82,500	Total	3,57,100
B. Farm Operations				
94,247	99,000	98,000	Salaries	1,08,000
1,199	1,500	3,000	T. A.	3,000
<i>Other charges</i>				
1,61,910	2,05,000	2,44,000	Cost of permanent labour	2,60,000
28,797	25,000	42,000	Cost of seasonal labour	48,000
4,475	4,000	4,000	Maintenance of Farm machinery	4,500
10,992	25,000	30,000	Chemicals/fertilizers	35,000
58,177	8,000	9,000	Other farm expenditure	10,000
3,59,797	3,67,500	4,30,000	Total (B)	4,68,500
5,80,406	6,04,000	7,12,500	Total (A+B)	8,25,600

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
12. Cashew Research Station, Anakkayam				
A. Running Expenses				
56,137	62,000	63,500	Salaries	99,000
538	2,000	1,500	T. A.	1,600
912	—	—	<i>Contingencies</i>	
3,497	5,000	5,000	Maintenance of vehicles	—
—	—	—	Office expenses and Misc.	5,500
—	—	—	Furniture	7,000
61,084	69,000	70,000	Total	1,13,100
B. Farm Operations				
45,556	47,500	48,300	Salaries	62,200
117	500	1,500	T. A.	1,700
39,991	48,000	55,000	<i>Other charges</i>	
24,711	27,000	33,800	Cost of permanent labour	63,000
3,837	7,000	7,700	Cost of seasonal labour	40,000
3,356	8,000	8,000	Chemicals/Fertilizers	9,000
—	—	—	Other Farm expenditure	9,500
—	—	—	Maintenance of Farm Machinery	1,500
1,17,568	1,38,000	1,54,300	Total (B)	1,86,900
1,78,652	2,07,000	2,24,300	Total (A+B)	3,00,000
13. Banana Research Station, Kannara				
A. Running Expenses				
94,599	88,500	95,000	Salaries	1,03,500
4,816	2,200	7,200	T. A.	3,200
12,125	15,000	10,000	<i>Contingencies</i>	
8,578	11,000	11,000	Maintenance of vehicles	4,000
419	2,000	2,000	Office expenses & Misc.	12,500
—	—	—	P. C. R.	2,000
—	—	—	Furniture	4,500
1,20,537	1,18,700	1,25,200	Total (A)	1,29,700
B. Farm Operations				
44,355	42,000	45,000	Salaries	48,500
2,492	2,500	2,500	T. A.	2,800
3,27,254	3,25,000	3,40,000	<i>Other charges</i>	
39,806	40,000	80,000	Cost of permanent labour	3,98,000
4,117	4,000	4,000	Cost of seasonal labour	1,00,000
23,558	31,000	36,000	Maintenance of Farm machinery	4,500
9,806	10,000	15,000	Chemicals/Fertilizers	38,000
—	—	—	Other Farm expenditure	16,000
4,51,388	4,54,500	5,22,500	Total (B)	6,07,800
5,71,925	5,73,200	6,47,700	Total (A + B)	7,37,500
14. Aromatic & Medicinal Plants Research Station, Odakkali				
A. Running Expenses				
2,43,385	2,60,000	2,64,000	Salaries	3,26,000
6,270	6,000	6,400	T. A.	6,500
10,334	13,000	13,700	<i>Contingencies</i>	
—	—	—	Office expenses and Misc.	16,200
2,59,989	2,79,000	2,84,100	Total (A)	3,48,700

Agri. Res. Non-plan—contd...

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			B. Farm Operations	
87,786	86,200	88,000	Salaries	80,500
469	500	600	T. A.	800
			<i>Other charges</i>	
1,07,330	1,10,000	1,38,000	Cost of permanent labour	1,49,500
59,628	60,000	80,000	Cost of seasonal labour	80,000
4,224	40,000	20,000	Cost of fuel	42,000
3,656	8,000	8,000	Maintenance of farm machinery	8,500
4,426	6,000	6,000	Chemicals/Fertilizers	6,500
7,008	9,000	9,000	Other farm expenditure	10,000
2,74,527	3,19,700	3,49,600	Total (B)	3,77,800
5,34,516	5,98,700	6,33,700	Total (A+B)	7,26,500
			15. Cardamom Research Station, Pampadumpara	
			A. Running expenses	
1,68,880	1,93,000	1,93,000	Salaries	2,85,000
7,936	7,000	7,000	T. A.	8,000
			<i>Contingencies</i>	
21,069	16,000	16,000	Office expenses and Miscellaneous	18,000
39,893	14,000	23,000	Maintenance of vehicles	20,000
2,37,778	2,30,000	2,39,000	Total (A)	3,31,000
			B. Farm Operations	
49,549	50,800	50,800	Salaries	45,000
614	1,200	1,200	T. A.	1,500
			<i>Other charges</i>	
3,32,080	3,80,000	4,30,000	Cost of Permanent labour	4,50,000
2,13,180	2,25,000	2,25,000	Cost of seasonal labour	2,65,000
2,497	5,000	5,000	Maintenance of farm machinery	6,500
16,357	35,000	26,000	Chemicals/fertilizers	35,000
4,958	5,000	5,000	Other farm expenditure	7,000
6,19,235	7,02,000	7,43,000	Total (B)	8,10,000
8,57,013	9,32,000	9,82,000	Total (A+B)	11,41,000
			16. Agronomic Research Station, Chalakudy	
			A. Running Expenses	
31,022	31,500	33,700	Salaries	35,000
1,218	1,300	1,300	T. A.	1,500
			<i>Contingencies</i>	
4,886	—	—	Maintenance of vehicles	5,000
5,217	6,000	6,000	Office expenses & Misc.	6,500
42,343	38,800	41,000	Total (A)	48,000
			B. Farm Operations	
59,282	61,500	64,000	Salaries	71,300
492	600	1,000	T. A.	1,200
			<i>Other charges</i>	
1,66,137	1,70,000	2,00,000	Cost of permanent labour	2,20,000
24,433	26,000	35,000	Cost of seasonal labour	40,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
2,902	8,500	8,500	Maintenance of farm machinery	9,200
7,240	10,000	10,000	Chemicals/Fertilizers	15,000
3,081	4,000	4,000	Other farm expenditure	5,000
2,63,567	2,80,600	3,22,500	Total (B)	3,61,700
3,05,910	3,19,400	3,63,500	Total (A+B)	4,09,700
17. MARS, Karamana				
A. Running Expenses				
1,18,718	1,29,000	1,29,000	Salaries	1,65,000
1,800	2,200	3,200	T. A.	3,000
<i>Contingencies</i>				
3,834	6,500	6,500	Pay of contingent staff	6,800
7,596	10,000	10,000	Office expenses and miscellaneous	11,500
1,31,948	1,47,700	1,48,700	Total (A)	1,86,300
B. Farm Operations				
1,17,172	1,22,000	1,30,000	Cost of permanent labour	1,76,000
22,153	25,000	30,000	Cost of seasonal labour	70,000
1,237	6,000	11,000	Maintenance of farm machinery	7,500
13,200	20,000	10,000	Chemicals/fertilizers etc.	5,000
3,004	3,000	8,000	Other Farm expenditure	9,000
—	—	10,000	Vegetable seed production programme	—
1,56,766	1,76,000	1,99,000	Total (B)	2,67,500
2,88,714	3,23,700	3,47,700	Total (A+B)	4,53,800
18. Cashew Research Station, Main Campus				
22,938	30,000	32,000	Salaries	32,000
400	1,000	1,000	T. A.	800
41,532	35,000	40,000	Cultivation expenses	46,000
64,870	66,000	73,000	Total	78,800
19 Refund of unutilised grant/cost of left over articles of terminated ICAR schemes				
—	15,00,000	15,00,000		15,00,000
V. AGR. RESEARCH (ii) PLAN				
1. Strengthening of Directorate of Research (NARP)				
1,93,788	2,42,000	2,42,000	Salaries	2,50,000
7,481	8,000	8,000	T. A.	5,000
9,648	10,000	10,000	Office contingencies	7,000
5,674	10,000	10,000	Workshop/Seminar	10,000
—	5,000	5,000	Training	5,000
14,587	20,000	20,000	Operating cost of vehicles	23,000
2,31,178	2,95,000	2,95,000	Total	3,00,000
2. Seed and Nursery under 20 Point Programme in Main Campus and Research Stations				
—	—	—		10,00,000

Agri. Res. plan—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			3. Monitoring and Evaluation Wing	
1,03,246	92,000	90,000	Salaries	95,000
5,406	6,000	6,000	T. A.	6,000
1,492	2,000	2,000	Contingencies	2,000
—	2,000	2,000	Other charges	2,000
1,10,144	1,02,000	1,00,000	Total	1,05,000
—	15,000	15,000	4. Strengthening Research Administration	
			5. NARP—Strengthening of the RARS,	
			Pilicode	
9,72,652	7,50,000	7,50,000	Salaries	7,95,000
25,059	15,000	18,000	T. A.	20,000
			Research Farm Operations	1,00,000
1,61,470	90,000	91,200	Operating cost	—
11,59,781	8,55,000	8,59,000	Total	9,15,000
			<i>University share</i>	
4,10,458	90,000	—	Land Acquisition	—
—	50,000	50,000	Basic cultivation cost	75,000
—	5,000	9,000	Station utilities/Maintenance	10,000
4,10,458	1,45,000	59,000	Total	85,000
15,69,639	10,00,000	9,18,000	Total (5)	10,00,000
			6 a. KADP Research and Training by	
			KAU Scheme Operation	
3,12,863	—	—	Salaries	—
6,194	—	—	T. A.	—
			<i>Contingencies</i>	
2,11,800	—	—	Field requirements including cost of inputs & Operation	—
—	—	—	Training (Local)	—
—	—	—	Maintenance of vehicle	—
—	—	—	Office expenses	—
—	—	—	Chemicals	—
—	—	—	Other charges	—
—	—	—	Building (Radio Tracer Lab)	—
—	—	—	Equipments	—
—	—	—	Training Overseas	—
5,30,857	—	—	Total	—
			b. Radio Tracer Laboratory	
55,850	1,35,000	1,40,000	Salaries	1,50,000
375	3,000	3,000	T. A.	3,000
			<i>Recurring contingencies</i>	
—	20,000	16,000	Chemicals/Glasswares & Radio Chemicals	15,000
—	20,000	20,000	Maintenance and repairs of instruments and A.C.	20,000
11,775	10,000	10,000	Office expenses and Miscellaneous	10,000
—	2,000	2,000	Other items	2,000
			<i>Non-recurring contingencies</i>	
—	—	—	Purchase and installation of generators	80,000
68,000	1,90,000	1,91,000	Total	2,80,000

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate. 1987—88	Head of Account	Budget Estimate 1988—89
			7. Studies on Eco-System of Kuttanad'	
6,205	—	—	Salaries	—
—	—	—	T. A.	—
—	—	—	<i>Contingencies</i>	
—	—	—	Lab Articles & Glasswares	—
—	—	—	Other charges	—
—	—	—	Cultivation expenses	—
—	—	—	Lab & Field expenses	—
—	—	—	Other items	—
6,205	—	—	Total	—
49,895	50,000	1,00,000	8. Strengthening of Pepper Research Station, Panniyur (Plan)	
			9. Sugarcane Research Scheme, Thiruvalla and Chittoor	
			A. Running Expenses	
1,48,054	1,55,000	1,86,000	Salaries	1,75,000
5,919	6,000	10,000	T. A.	10,000
			<i>Contingencies</i>	
16,280	15,000	21,000	Maintenance of vehicles	18,000
4,822	4,000	4,000	Office expenses & Miscellaneous	4,200
—	300	300	Advertisement charges	300
—	—	—	Furniture	—
5,302	6,300	6,300	Rent, rates and taxes	6,500
—	500	500	Books and periodicals	1,000
1,80,377	1,87,100	2,28,100	Total (A)	2,15,000
			B. Farm Operations	
37,994	43,500	43,000	Salaries	55,000
869	1,000	1,000	T. A.	1,000
			<i>Other charges</i>	
62,968	65,000	96,000	Cost of permanent labour	80,000
79,962	40,000	1,35,000	Cost of seasonal labour	95,000
4,070	3,000	6,000	Maintenance of farm machinery	5,000
9,001	10,000	23,500	Chemicals/fertilizers	13,000
6,976	4,000	6,000	Other Farm expenditure	6,000
2,01,840	1,66,500	3,10,500	Total (B)	2,55,000
3,82,217	3,53,600	5,38,600	Total (A+B)	4,70,000
—	1,00,000	—	10. Token provision for New Plan Schemes	1,80,000
			11. Investigation of Root-wilt Disease of Coconut in Kerala	
8,06,363	5,15,000	5,15,000	Salaries	6,50,000
24,604	18,000	18,000	T. A.	33,000
			<i>Contingencies</i>	
34,792	25,000	25,000	Maintenance of vehicles	30,000
18,503	20,000	20,000	Office expenses	20,000
98,072	75,000	75,000	Cost of cultivation and inputs	50,000
—	10,000	10,000	Compensation/Honorarium to Farmers	10,000
3,425	10,000	10,000	Lab equipments/Field implements/ Instruments/Office equipments/ Glasswares	7,000
9,85,759	6,73,000	6,73,000	Total	8,00,000

Agri. Res. plan—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
—	1,000	1,000	12 L. S. for new Centre of Excellence (Professor + Directorship)	1,000
1,00,072	1,15,000	1,60,000	13 Centre of Excellence for Tropical Soils, Vellayani	
4,256	5,000	5,000	Salaries	1,22,000
2,771	10,000	10,000	T. A.	5,000
—	20,000	20,000	Glasswares/Chemicals/Cultivation expenses	8,000
			Furniture/Office equipments	15,000
1,07,099	1,50,000	1,95,000	Total	1,50,000
9,75,352	6,45,000	6,13,600	14 NARP—Strengthening of Regional Research Station, Vellayani and a station at Kottarakkara	
58,704	10,000	19,000	Salaries	5,30,000
3,57,591	—	—	T. A.	20,000
6,51,441	—	—	Civil Works	—
50,018	1,20,000	90,000	Equipments	—
39,890	50,000	20,000	Res. Operating cost	1,00,000
21,937	15,000	20,000	Normal cost of cultivation	25,000
—	—	25,000*	Station maintenance	25,000
		10,000**	Vegetable Seed Production Programme	—
6,09,977	55,00,000	—	Land Acquisition & Development at Kottarakkara	10,00,000
27,64,910	63,40,000	7,97,600	Total	17,00,000
5,94,180	5,49,000	5,49,000	15 NARP—Strengthening of Regional Research Station Kumarakom and Sub Stations at Kayamkulam, Vyttila, Moncompu and Kole Land	
21,622	15,000	15,000	Salaries	4,20,000
11,14,096	—	—	T. A.	15,000
3,36,098	1,00,000	—	Civil Works	—
1,73,019	—	2,00,000	Equipments	—
—	—	—	Res. Operating cost	2,25,000
12,530	16,000	33,000	Library (Books & Journals)	—
15,490	12,000	25,000	Basic cultivation cost	20,000
6,475	8,000	8,000	Station Maintenance	15,000
—	—	—	Utilities/Overheads	5,000
			Land Acquisition	—
22,73,510	7,00,000	8,30,000	Total	7,00,000
5,18,077	6,35,000	6,35,000	16. NARP—Strengthening Regional Res. Station, Pattambi with Centre at Mannuthy and a Station at Eruthiampathy	
1,846	14,000	14,000	Salaries	6,80,000
			T. A.	15,000

* At Vellayani ** At Kottarakkara

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
5,91,404	—	—	Civil Works	—
—	—	—	Equipments	—
84,103	1,50,000	1,50,000	Operating cost	1,75,000
4,586	15,000	15,000	Normal/commercial cost of cultivation	20,000
1,187	5,000	5,000	Station Maintenance	5,000
500	5,000	5,000	Utilities/Overheads	5,000
12,01,703	8,24,000	8,24,000	Total	9,00,000
17. NARP sub project on water Management, Chalakudy*				
			Incremental Staff—Salaries	2,01,000
			T. A.	6,000
			Civil Works	—
			Equipments	—
			Research Operating Cost	32,000
			Library (Books & Journals)	1,000
			Basic cultivation cost	40,000
			Station Maintenance/Utilities	20,000
			Total	3,00,000
18. NARP Sub Project for High range region at Ambalavayal and Sub Station at Pampadumpara**				
			Salaries	3,50,000
			T. A.	10,000
			Civil works	—
			Equipments	—
			Res. Operating cost	1,25,000
			Library (Books/Journals)	—
			Basic cultivation cost	1,00,000
			Station Maintenance	10,000
			Utilities/Overheads	5,000
			Land Acquisition	—
			Total	6,00,000
			19. Research on Drought (Under 20 Point Programme)	15,00,000
V. (ii) AGRICULTURAL RESEARCH (a) ICAR				
1. AICRIP on Nematode Pests and their Control, Vellayani				
1,04,386	98,300	98,300	Salaries	1,01,600
899	9,000	9,000	T. A.	9,000
			<i>Recurring contingencies</i>	
17,136	24,000	24,000	Chemicals/Glasswares	24,000
—	4,000	4,000	Maintenance/Fuel	5,000
			<i>Non-recurring contingencies</i>	
—	20,000	50,000	Equipments, Motor Cycle	—
1,22,421	1,55,300	1,85,300	Total	1,39,600

* From 1-4-1988

** From 24-11-1988

Agri. Res. ICAR—contd...

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			2. Research on the strains of Rhizobia of Pulses and the effect of nutrient on them	
150	7,200	7,200	Salaries	Scheme terminated on 30-6-1987
3,980	5,000	5,000	Contingencies (including T. A.)	
4,130	12,200	12,200	Total	
			3 Scheme for Research on Forage Crops, Vellayani	
2,57,567	1,30,000	1,30,000	Salaries	1,34,500
4,280	4,000	4,000	T. A.	4,000
25,234	36,000	36,000	Recurring contingencies	36,000
—	25,000	25,000	Non-recurring contingencies	—
2,87,081	1,95,000	1,95,000	Total	1,74,500
—	10,00,000	10,00,000	4 NARP—Southern Region (Phase II)	10,00,000
			5. AICRP on Biological Control of Crop Pests, Vellanikkara	
1,53,198	1,22,000	1,22,000	Salaries	1,25,000
5,065	8,000	8,000	T. A.	8,000
7,747	12,000	12,000	Recurring contingencies	12,000
3,059	50,000	95,000	Non-recurring contingencies	20,000
1,69,069	1,92,000	2,37,000	Total	1,65,000
			6 All India Co-ordinated Vegetable Improvement Project, Vellanikkara	
94,664	1,18,000	1,18,000	Salaries	1,25,000
5,489	2,000	2,000	T. A.	2,000
20,248	36,000	36,000	Recurring contingencies	36,000
—	30,000	30,000	Non-recurring contingencies	—
1,20,401	1,86,000	1,86,000	Total	1,63,000
			7 NARP—Strengthening of Regional Research Station, Kumarakom and Sub Stations at Kayamkulam, Vyttila, Moncompu and Kole land	
2,16,216	—	—	Salaries	—
8,333	—	—	T. A.	—
3,93,488	—	—	Civil Works	—
987	—	—	Equipments	—
66,379	—	—	Res. operating cost	—
—	—	—	Library (Books & Journals)	—
6,85,403	—	—	Total	—
			<i>University share</i>	
444	—	—	Basic cultivation cost	—
2,875	—	—	Station maintenance	—
400	—	—	Utilities/overheads	—
—	—	—	Land Acquisition	—
3,719	—	—	Total	—
6,89,122	—	—	Total (7)	—

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
—	10,00,000	10,00,000	8 NARP Special Zone—II Phase	10,00,000
			9 Co-ordinated Project for Research on Chemistry of Submerged Soil under Rice cultivation in high rainfall areas, Pattambi*	
1,22,873	1,20,000	1,20,000	Salaries	—
1,418	2,000	2,000	T. A.	—
6,579	8,000	8,000	Recurring contingencies (experimental charges, chemicals, glasswares)	—
4,953	10,000	10,000	Non-recurring contingencies	—
—	—	—	Equipments	—
1,35,823	1,40,000	1,40,000	Total	—
			10 NSP—Breeder Seed Production Unit, Pattambi	
22,651	37,800	37,800	Salaries	39,600
224	3,000	3,000	T. A.	3,000
1,805	15,000	15,000	Recurring contingencies	15,000
—	5,00,000	5,00,000	Non-recurring contingencies (Works, equipments/Farm machinery)	—
24,680	5,55,800	5,55,800	Total	57,600
			11 All India Co-ordinated Rice Improvement Project, Double Cropping Centre, Pattambi	
2,36,785	2,70,200	2,70,200	Salaries	2,76,200
9,655	11,200	11,200	T. A.	11,200
44,591	65,000	65,000	Recurring contingencies	65,000
29,885	15,000	15,000	Non-recurring contingencies	15,000
3,20,916	3,61,400	3,61,400	Total	3,67,400
			12 All India Co-ordinated Project for Intensification of Research on Improvement of Pulses, Pattambi	
1,10,328	1,26,000	57,600	Salaries	57,800
250	1,000	6,000	T. A.	6,000
30,032	24,000	30,000	Recurring contingencies	72,000
1,40,610	1,51,000	93,600	Total	1,35,800
			13 a) NARP—Strengthening Regional Research Station, Pattambi, Centre at Mannuthy and a Station at Eruthiampathy	
2,07,326	—	—	Salaries	—
4,634	—	—	T. A.	—
55,304	—	—	Civil Works	—
—	—	—	Equipments	—
759	—	—	Operating cost	—
2,68,023	—	—	Total	—

* Scheme terminated

Agri. Res. ICAR—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			<i>University Share</i>	
—	—	—	Salaries	—
—	—	—	Normal/Commercial cost of cultivation	—
1,851	—	—	Station Maintenance	—
—	—	—	Utilities/Overheads	—
1,851	—	—	Total	—
—	10,00,000	10,00,000	13 b) NARP (CR) Phase—II	10,00,000
			14 NARP Sub Project for high range region at Ambalavayal and Sub Station at Pampadumpara*	
2,29,513	2,60,000	2,60,000	Incremental Staff—Salaries	1,60,000
7,235	6,000	6,000	T. A.	2,000
2,24,015	—	5,66,300	Civil Works	—
16,963	—	3,46,500	Equipments	—
46,148	64,000	72,000	Research operating cost	23,000
12,577	14,000	37,800	Library (Books and Journals)	—
5,36,451	3,44,000	12,88,600	Total	1,85,000
			<i>University Share</i>	
37,157	38,000	38,000	Salaries	17,500
2,658	2,500	2,500	T. A.	1,000
19,591	25,000	25,000	Basic cultivation cost/infrastructural facilities	17,000
1,539	10,000	10,000	Station Maintenance	7,000
7,395	10,000	10,000	Utilities	7,000
68,340	85,500	85,500	Total	49,500
6,04,791	4,29,500	13,74,100	Total (14)	2,34,500
			15 AICSCIP—Research on Pepper	
2,00,229	1,73,000	1,73,000	Salaries	1,83,000
5,995	10,000	10,000	T. A.	6,000
45,042	50,000	50,000	Recurring contingencies	50,000
—	25,000	25,000	Non-recurring contingencies	—
2,51,266	2,58,000	2,58,000	Total	2,39,000
			16. AICFIP Centre for Banana Bunchy Top disease and Pineapple	
3,48,253	2,38,000	2,38,000	Salaries	2,43,000
5,922	6,000	10,000	T. A.	6,000
59,206	60,000	60,000	Recurring contingencies	60,000
27,098	—	—	Non-recurring contingencies	—
4,40,479	3,04,000	3,08,000	Building (Green House)	—
			Total	3,09,000
			17. Research on Cymopogon flexuosus and other cymopogon species	
21,497	3,100	3,100	Salaries	—
23,999	2,200	2,200	Recurring contingencies	—
45,496	5,300	5,300	Total	—

*Upto 23-11-1988

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			18. AIC Spices and Cashew Improvement Project—Research on Cardamom	
1,79,751	1,88,000	1,88,000	Salaries	1,96,000
5,009	7,000	7,000	T. A.	5,000
7,700	50,000	50,000	Recurring contingencies	50,000
—	—	—	Non-recurring contingencies	—
1,92,460	2,45,000	2,45,000	Total	2,51,000
			19. Integrated project for Research on Water Management and Soil Salinity, Chalakudy	
3,35,020	2,35,500	2,35,500	Salaries	2,45,500
9,701	10,000	10,000	T. A.	10,000
77,006	80,000	80,000	Recurring contingencies	80,000
—	30,000	30,000	Non-recurring contingencies	—
4,21,727	3,55,500	2,55,500	Total	3,35,500
			20. NARP Sub Project on Water Management, Chalakudy*	
66,744	1,45,000	1,45,000	Incremental Staff—Salaries	—
3,978	4,000	4,000	T. A.	—
1,791	—	6,12,000	Civil Works	—
—	6,60,000	90,200	Equipments	—
1,99,222	32,000	32,000	Research Operating cost	—
—	5,000	5,000	Library (Books/Journals)	—
2,71,735	8,46,000	8,88,200	Total	—
			<i>University Share</i>	
339	47,000	47,000	Basic cultivation cost	—
—	27,000	27,000	Station maintenance and utilities	—
339	74,000	74,000	Total	—
2,72,074	9,20,000	9,62,200	Total (20)	—
			21. Fate & Efficiency of Urea-based fertilizer in India Bunch Mark sites**	
28,648	41,800	41,800	Salaries	—
360	2,000	2,000	T. A.	—
10,081	10,000	10,000	Contractual services	—
13,319	14,000	14,000	Supplies and Materials	—
—	1,600	1,600	Indirect costs	—
52,408	69,400	69,400	Total	—
			22. AICRP on Cropping Pattern, Karamana	
5,20,843	3,32,100	3,32,100	Salaries	3,46,700
42,986	40,000	40,000	T. A.	40,000
1,30,008	80,000	80,000	Recurring contingencies	80,000
—	80,000	80,000	Non-recurring contingencies	—
—	1,25,000	1,25,000	Replacement of Jeep (1970 model)	—
6,93,837	6,57,100	6,57,100	Total	4,66,700

* Included under Plan Budget

** Terminated on 11-1-1988

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			23. All India Coordinated Rice improvement Project. Double Cropping Sub Centre, Mannuthy	
24,040	21,600	21,600	Salaries	22,800
204	1,200	1,200	T. A.	1,200
6,288	7,000	7,000	Recurring contingencies	7,000
838	1,000	1,000	Non-recurring contingencies	1,000
31,370	30,800	30,800	Total	32,000
			24 AICSCIP Research on Cashew, Anakkayam/Mannuthy	
1,21,266	1,21,000	1,21,000	Salaries	1,24,000
4,081	4,000	5,000	T. A.	5,000
40,546	40,000	40,000	Recurring contingencies	40,000
—	—	50,000	Non-Recurring contingencies (Works)	—
1,65,893	1,65,000	2,16,000	Total	1,69,000
			25. AICRP Special Disease and Pest Research Sub-Centre, Moncompu	
42,615	—	—	Salaries	—
342	—	—	T. A.	—
—	—	—	Recurring contingencies	—
42,957	—	—	Total	—
			26. AICRIP Moncompu Centre	
86,199	90,200	90,200	Salaries	93,800
2,536	4,000	4,000	T. A.	4,000
24,218	25,000	25,000	Recurring contingencies	25,000
—	1,000	1,000	Non-recurring contingencies	1,000
1,12,953	1,20,200	1,20,200	Total	1,23,800
			27. Operational Research Project on Integrated Control of Rice Pests in Kuttanad	
1,56,180	1,74,400	1,74,400	Salaries	1,84,900
11,972	12,000	12,000	T. A.	12,000
24,873	42,000	20,000	Recurring contingencies	20,000
—	—	18,000	Critical Inputs	18,000
—	—	4,000	Miscellaneous	4,000
1,93,025	2,28,400	2,28,400	Total	2,38,900
			28. AIC Spices and Cashew Improvement Project—Research on Ginger, Vellanikkara	
67,741	69,000	69,000	Salaries	72,000
500	6,000	6,000	T. A.	4,000
17,324	24,000	24,000	Recurring contingencies	24,000
—	—	—	Non-recurring contingencies	—
85,565	99,000	99,000	Total	1,00,000
			29. All India Co-ordinated Floriculture Improvement Project	
83,597	68,000	68,000	Salaries	70,000

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate ⁹ 1988—89
2,780	5,000	5,000	T. A.	5,000
23,995	24,000	24,000	Recurring contingencies	25,000
—	—	—	Non-recurring contingencies	—
1,10,372	97,000	97,000	Total	1,00,000
30. AIC Research Project on Sugarcane, Thiruvalla				
1,10,283	75,300	75,300	Salaries	76,300
2,623	3,000	3,000	T. A.	3,000
18,759	12,000	12,000	Recurring contingencies	12,000
881	2,500	2,500	Non-recurring contingencies	2,500
1,32,546	92,800	92,800	Total	93,800
31. Survey, appraisal and control of major diseases of Sugarcane*				
4,067	35,900	35,900	Salaries	7,400
14,093	24,000	24,000	Recurring contingencies (including T. A.)	5,000
18,160	59,900	59,900	Total	12,400
32 AICRP on Agrl. Drainage under Actual Farming conditions in Watershed basis, Karumadi				
1,23,169	1,82,000	1,82,000	Salaries	1,92,000
8,125	10,000	10,000	T. A.	10,000
47,150	60,000	60,000	Recurring contingencies	60,000
44,754	68,000	68,000	Non-recurring contingencies	68,000
2,23,198	3,20,000	3,20,000	Total	3,30,000
33 Multi State Cashew Research Project				
96,716	—	—	Salaries	—
3,859	—	—	T. A.	—
16,692	—	—	Recurring contingencies	—
13,074	—	—	Research Operating cost	—
—	—	—	Maintenance of Vehicles	—
—	—	—	Training cost	—
—	—	—	Non-recurring contingencies	—
—	—	—	Vehicles	—
—	—	—	Building	—
—	—	—	Equipments	—
1,30,341	—	—	Total	—
34. Post Harvest Technology of perishable foods				
3,087	3,800	3,800	Salaries	—
—	—	—	T. A.	—
70	1,700	1,700	Recurring contingencies	—
—	—	—	Non-recurring contingencies	—
3,157	5,500	5,500	Total	—

* Upto 14-6-1988

Agrl. Res. ICAR—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			35. AICRP on Medicinal & Aromatic Plants, Vellanikkara	
—	1,04,000	1,04,000	Salaries	1,38,000
—	8,000	8,000	T. A.	10,000
—	36,000	36,000	Recurring contingencies	36,000
—	25,000	25,000	Non-recurring contingencies	1,00,000
—	1,73,000	1,73,000	- Total	2,84,000
			36. Operational Research Project on Resources Development on Watershed basis, Ozhalapathy	
72,304	—	—	Salaries	—
3,000	—	—	T. A.	—
16,370	—	—	Recurring contingencies	—
—	—	—	<i>Non-recurring contingencies</i>	—
—	—	—	a) Office Equipments	—
—	—	—	b) Jeep & Trailor	—
91,674	—	—	Total	—
			37. Adhoc Scheme—Development of improved varieties of Sesamum and Groundnut suited to the rice fallows in the Onattukara region *	
53,218	32,800	32,800	Salaries	11,000
7,830	8,000	8,000	Recurring contingencies	2,400
61,048	40,800	40,800	Total	12,500
			38. Cyst Nematode Heterodera Oryzicola infesting rice in Kerala **	
34,563	30,400	30,400	Salaries	4,600
663	—	—	T. A.	—
3,706	24,000	24,000	Recurring contingencies	3,600
—	—	—	Non-recurring contingencies	—
38,932	54,400	54,400	Total	8,200
			38. Breeding for Resistance to Bacterial wilt in Chilli and Brinjal	
44,849	44,000	44,000	Salaries	43,500
12,979	10,000	12,000	Recurring contingencies	12,000
43,585	—	—	Non-recurring contingencies	—
1,10,413	54,000	56,000	Total	55,500
			40. Investigation on the ethiology of Yellow leaf diseases of Arecanut	
—	39,600	39,600	Salaries	57,600
—	24,000	24,000	Recurring Contingencies	39,000
—	63,600	63,600	Total	96,600

* Upto 18-6-1988

** Upto 24-5-1988

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			41. AIC Research Project on Oil Seeds— Research on Groundnut and Sesamum, Vellayani	
—	43,800	43,800	Salaries	46,000
—	3,000	3,000	T. A.	3,000
—	24,000	24,000	Recurring contingencies	24,000
—	15,000	15,000	Non-recurring contingencies	—
—	85,800	85,800	Total	73,000
			42. AICRP on Pesticide Residues	
5,295	98,300	98,300	Salaries	1,10,300
—	3,000	3,000	T. A.	3,000
24,000	36,000	36,000	Recurring contingencies	48,000
—	—	3,00,000	Non-recurring contingencies (GLC & indigenous equipments)	—
29,295	1,37,300	4,37,300	Total	1,61,300
			43. Developing monosomics and trisomics in cucumber (C Sativus L) and locating genes on chromosomes	
—	—	7,000	Salaries	29,000
—	—	8,000	Recurring contingencies	24,000
—	—	50,000	Non-recurring contingencies	*2,00,000
—	—	65,000	Total	2,53,000
			44. Shade studies on coconut based intercropping situation	
—	—	—	Salaries	41,600
—	—	—	Recurring contingencies	24,000
—	—	—	Non-recurring contingencies	2,00,000
—	—	—	Total	2,65,600
			45. Integrated Production Trials under Project Directorate for Cropping System Research—Vyttila & Kumarakom	
—	—	—	Salaries	—
—	—	6,000	T. A.	6,000
—	—	28,600	Recurring contingencies	28,600
—	—	8,000	Non-recurring contingencies	—
—	—	42,600	Total	34,600
			46. Impact of land reforms on agrarian Structure and Agricultural Production in Kerala	
—	—	—	Salaries	78,800
—	—	—	T. A. & Recurring contingencies	12,000
—	—	—	Total	90,800

*Should be utilised within one year from the date of start

G-1732

Agrl. Res. OEAP

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	10,00,000	10,00,000	47. NARP (NR) Pilicode Phase II	10,00,000
			V (iii) AGRICULTURAL RESEARCH	
			b) Other Externally aided projects	
			1. Restoration of degraded environment in Chambakkad Tribal Colony Area	
19,041	—	—	Salaries	—
—	—	—	T. A.	—
			Contingencies	—
11,464	—	—	Permanent equipment	—
—	—	—	Other project cost	—
30,505	—	—	Total	—
			2. Impact of Development Project in Western Ghat region on the Forest Dependent Population—A case study of Wynad district of Kerala	
6,024	—	—	Salaries	—
4,372	—	—	T. A.	—
			Contingencies	—
1,783	—	—	Other project cost	—
12,179	—	—	Total	—
			3. Estt. of Central Nursery for Hybrid Pepper, Panniyur & Vellanikkara	
29,053	20,000	20,000	Salaries	20,500
421	800	800	T. A.	800
1,81,788	2,15,000	2,15,000	Recurring contingencies	2,15,000
2,11,262	2,35,800	2,35,800	Total	2,36,300
			4. Adhoc Scheme for Marketing of Coconut and Cocoa in Kerala	
53,074	25,000	25,000	Salaries	—
6,522	2,100	2,100	T. A. and recurring contingencies	—
59,596	27,100	27,100	Total	—
			5. National Project on development and use of bio-fertilizers BGA Sub Centre, Pattambi (G.O.I.)	
9,798	10,000	10,000		—
			6. Microbial Association and Forest Eco-System of Kerala*	
—	28,800	28,800	Salaries	3,100
6,879	15,000	15,000	T. A.	1,600
—	—	—	Permanent equipments	—
—	6,000	6,000	Supplies and materials	700
2,543	3,000	3,000	Contingencies	300
1,238	2,800	2,800	Overhead charges	300
10,660	55,600	55,600	Total	6,000
			7. AICP on Weed Control in Plantation Crops	
77,013	1,01,500	1,01,500	Salaries	1,05,500

*Upto 9-5-88

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
4,932	5,000	5,000	T. A.	5,000
			<i>Recurring contingencies</i>	
17,141	20,000	20,000	Contractual service	20,000
13,940	15,000	15,000	Supplies and materials	12,000
			<i>Non-recurring contingencies</i>	
99,891	—	10,000	i. Jeep	—
—	—	—	ii. Typewriter	—
59,852	—	—	Lab furniture	—
—	—	—	Equipments (ICAR)	—
2,72,769	1,41,500	1,51,500	Total	1,42,500
			8. Project on mushroom flora of Kerala*	
—	11,400	11,400	Salaries	1,400
991	29,000	29,000	T. A.	1,100
4,069	4,000	4,000	Recurring contingencies	200
—	3,400	3,400	Overhead charges	100
—	11,000	11,000	Supplies & Materials	400
5,060	58,800	58,800	Total	3,200
	25,000	25,000	9. Cytogenetic Hazards of Agricultural Chemicals (SRF), Pilicode	—
		1,62,000	10. Cocoa Research Centre	
		10,000	Salaries	1,68,100
			T. A.	10,000
			<i>Contingencies</i>	
		70,000	Field expenses	70,000
		1,000	Office expenses	1,000
		30,000	Fuel charges	30,000
			<i>Non-recurring contingencies</i>	
		1,30,000	Jeep	—
		60,000	Irrigation	65,000
		5,000	Typewriter	—
		4,68,000	Total	3,44,100
		4,20,000	11. Project on electronics in Agriculture	
		1,20,000	Salaries	4,60,000
		24,000	T. A.	1,30,000
		1,43,000	Consumables	28,000
		24,000	Contingencies	1,57,000
			Over heads	28,000
			<i>Non-recurring contingencies</i>	
		3,00,000	Building (temporary structure)	—
		5,50,000	Vehicle	—
2,50,000		4,30,000	Capital equipments	—
		30,000	Contingencies	—
2,50,000		20,41,000	Total	8,03,000
		5,000	12. Trials on large scale cultivation of edible mushrooms	
			T. A. including fuel charges	1,000

*Upto 14-4-88

Vety. Res. Non-plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			<i>Consumable stores</i>	
		4,000	Glassware	4,000
		1,000	Chemicals	1,000
		4,000	Others (for cultivation)	4,000
		3,000	Literature	—
		5,000	Cultivation charges	—
		3,000	Minor items of equipments/accessories to equipments	—
		25,000	Total	10,000
	23,100	23,100	13. Potassium supplying capacity of soil	—
	13,100	13,100	14. Investigation on the disease of bamboo and reeds in Kerala	—
			15. Direct use of Udaipur Rockphosphate in the Acid Soils of Kerala	
		55,200	Salaries	56,200
		15,000	T. A. & POL	15,000
		18,000	Recurring contingencies	18,000
		10,000	<i>Non-recurring contingencies</i>	
			Equipments and glasswares	10,000
		98,200	Total	99,200
			16. Production of certified vegetable seeds (Contingency plan)	
		1,00,000	Recurring contingencies	1,00,000
		—	17. Nutritional deficiency syndrome and foliar diagnosis in tree crops	10,000
		5,000	18. Travel grant to Dr. S.Bhavani Devi	—
			19 USDA scheme standardisation of Tissue/apical meristem culture techniques in Horticultural crops of Kerala	
—	—	1,03,000	Salaries	1,07,000
—	—	15,000	Travel within the country	15,000
—	—	5,000	Transportation of things	5,000
—	—	33,000	Contractual services	34,000
—	—	1,24,000	Supplies and materials	88,500
—	—	10,500	Indirect costs	7,000
—	—	6,11,400	Capital asset items	—
—	—	—	Travel outside the country (Transportation Rs. 1,00,000 + subsistence cost Rs. 90,000)	1,90,000
—	—	9,01,900	Total	4,46,500
			VI VETERINARY RESEARCH (i) NON-PLAN	
			1. Mobile Veterinary Dispensary	
33,587	33,400	38,000	Salaries	40,000
5,986	4,000	3,000	T. A.	4,000
			<i>Contingencies</i>	
96	10,000	5,000	Maintenance of vehicles	10,000
—	5,000	1,000	Other items	3,000
39,669	52,400	47,000	Total	57,000

ASSOCIATE DIRECTOR OF RESEARCH (M & E)
 KERALA AGRICULTURAL UNIVERSITY
 VELLANIKKARA, TRICHUR-680 654
 Res. Non-plan—contd...

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
1,10,111	1,03,000	1,05,000	2. University Veterinary Hospital, Trichur	
399	1,000	500	Salaries	1,25,000
			T. A.	1,000
			<i>Contingencies</i>	
11,292	13,000	13,000	Office expenses & Miscellaneous	15,000
—	2,000	2,000	Furniture	2,000
450	500	500	Books & Periodicals	500
—	1,000	500	Stationery	1,000
			<i>Other charges</i>	
51,334	50,000	40,000	Drugs/chemicals	50,000
1,407	5,000	4,000	Other items	5,000
1,74,993	1,75,500	1,65,500	Total	1,99,500
			3 Livestock Research Station, Thiruvazhamkundu	
			A. Running Expenses	
2,72,098	3,28,000	3,00,000	Salaries	3,50,000
4,385	8,000	5,000	T. A.	5,000
			<i>Contingencies</i>	
29,731	10,000	15,000	Maintenance of vehicles	15,000
23,228	24,000	20,000	Office expenses & Miscellaneous	25,000
291	2,500	1,000	Stationery & Printing	2,000
—	1,500	1,500	Advertisement charges	2,000
—	5,000	1,000	Furniture	5,000
—	2,000	1,000	Books & periodicals	2,000
3,29,733	3,81,000	3,44,500	Total (A)	4,06,000
			B. Farm Operations	
3,31,744	3,60,000	3,00,000	Salaries	3,50,000
2,350	3,000	2,500	T. A.	3,000
			<i>Other charges</i>	
6,56,844	7,20,000	7,00,000	Cost of permanent labour	7,50,000
3,63,432	2,15,000	4,15,000	Cost of seasonal labour	5,00,000
4,526	12,000	12,000	Uniforms	12,000
1,76,666	2,70,000	2,00,000	Cost of feed/fodder	2,50,000
40,214	40,000	20,000	Maintenance of farm machinery	25,000
14,706	35,000	30,000	Chemicals/fertilizers/drugs	35,000
11,243	20,000	10,000	Other farm expenditure	15,000
16,01,725	16,75,000	16,89,500	Total (B)	19,40,000
19,31,458	20,56,000	20,34,000	Total (A + B)	23,46,000
			4. University Livestock Farm, Mannuthy	
			A. Running Expenses	
1,59,582	1,82,000	1,75,000	Salaries	2,00,000
518	1,000	700	T. A.	1,000
			<i>Contingencies</i>	
101	600	600	Maintenance of vehicles	600
7,712	8,000	5,000	Uniforms	8,000
9,977	16,000	14,000	Office expenses & Miscellaneous	15,000
1,77,890	2,07,600	1,95,300	Total	2,24,600

Vety. Res. Non-plan—contd.

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
B. Farm operations				
1,26,102	1,19,000	1,27,000	Salaries	1,30,000
400	500	500	T. A.	500
<i>Other charges</i>				
4,39,783	4,60,000	4,50,000	Cost of permanent labour	5,00,000
1,49,508	80,000	1,20,000	Cost of seasonal labour	1,50,000
3,31,341	5,00,000	5,00,000	Feed/Fodder	5,50,000
438	2,000	1,000	Maintenance of farm machinery	2,000
23,889	30,000	20,000	Chemicals/drugs/fertilizers	25,000
16,837	20,000	12,000	Other farm expenditure	15,000
10,88,298	12,11,500	12,30,500	Total (B)	13,72,500
12,66,188	14,19,100	14,25,800	Total (A+B)	15,97,100
5. Fodder Research & Development Centre, Mannuthy				
Running expenses				
1,44,263	1,63,000	1,75,000	Salaries	1,80,000
106	900	300	T. A.	500
<i>Contingencies</i>				
4,699	5,000	2,000	Office expenses and Miscellaneous	3,000
337	1,000	600	Other items	1,000
1,49,405	1,69,900	1,77,900	Total	1,84,500
6. Cattle Breeding Farm, Thumburmuzhi				
A. Running expenses				
40,412	70,000	70,000	Salaries	75,000
3,327	4,000	2,000	T. A.	3,000
<i>Contingencies</i>				
1,551	3,000	2,000	Maintenance of vehicles	3,000
5,552	6,000	6,000	Uniforms	6,000
14,994	12,000	12,000	Office expenses and Miscellaneous	15,000
65,836	95,000	92,000	Total	1,02,000
B. Farm operations				
2,14,218	2,19,000	2,35,000	Salaries	2,40,000
2,473	3,000	3,000	T. A.	3,000
<i>Other charges</i>				
4,43,607	4,78,000	5,00,000	Permanent labour	5,25,000
21,019	30,000	30,000	Seasonal labour	40,000
1,91,609	2,20,000	2,00,000	Feed/Fodder	2,30,000
5,756	4,000	2,500	Maintenance of Farm Machinery	3,000
9,885	15,000	8,000	Chemicals/Drugs/Fertilizers	10,000
11,502	12,000	12,000	Other Farm Expenditure	15,000
9,00,069	9,61,000	9,90,500	Total (B)	10,66,000
9,65,905	10,56,000	10,82,500	Total (A+B)	11,68,000

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			7. Poultry & Duck Farm	
			A. Running Expenses	
78,552	79,800	80,000	Salaries	85,000
373	1,000	800	T. A.	1,000
			<i>Contingencies</i>	
17,568	25,000	15,000	Office Expenses and Miscellaneous	20,000
999	1,000	800	Stationery	1,000
97,492	1,06,800	96,600	Total (A)	1,07,000
			B. Farm operations	
1,26,808	1,40,000	1,40,000	Salaries	1,75,000
1,196	700	700	T. A.	1,000
			<i>Other charges</i>	
1,26,823	1,37,000	1,37,000	Cost of permanent labour	1,50,000
13,421	10,000	1,90,000	Cost of seasonal labour	25,000
1,466	1,800	1,800	Uniforms	1,800
1,77,115	4,50,000	4,00,000	Feed/Fodder	4,50,000
4,454	12,000	10,000	Maintenance of Farm machinery	12,000
13,523	35,000	21,000	Chemicals/Drugs	30,000
3,401	5,000	10,000	Other Farm Expenditure	6,000
4,68,207	7,91,500	7,39,500	Total (B)	8,50,800
5,65,699	8,98,300	8,36,100	Total (A+B)	9,57,800
			8. Pig breeding Farm, Mannuthy	
			A. Running Expenses	
1,04,396	1,40,000	1,23,000	Salaries	1,30,000
630	1,000	800	T. A.	1,000
			<i>Contingencies</i>	
20,483	16,000	23,000	Office expenses & Miscellaneous	23,000
1,25,509	1,57,000	1,46,800	Total (A)	1,54,000
			B. Farm Operations	
76,994	87,000	85,000	Salaries	1,00,000
151	500	300	T. A.	500
			<i>Other charges</i>	
1,23,089	1,43,000	1,40,000	Cost of Permanent labour	1,60,000
38,016	35,000	45,000	Cost of Seasonal Labour	60,000
1,882	3,000	3,000	Uniforms	3,000
3,01,888	4,10,000	4,00,000	Feed/fodder	4,50,000
638	4,000	3,000	Maintenance of farm machinery	4,000
1,727	5,500	5,000	Chemicals/fertilizers	6,000
2,614	5,500	4,000	Other farm expenditure	5,000
5,46,999	6,92,000	6,85,300	Total	7,78,500
6,72,508	8,49,500	8,32,100	Total (A+B)	9,32,500
			VI. VETERINARY RESEARCH (ii) PLAN	
			1. Duck Farm for Training and Research	
			Farm Operations	
441	5,000	5,000	Cost of Labour	10,000

Vety. Res. Plan—contd...

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	15,000	15,000	Feed	10,000
—	4,000	4,000	Equipments/Medicines	4,000
—	1,000	1,000	Other items	1,000
441	25,000	25,000	Total	25,000
2. Selection & Management studies in Japanese quails for meat production				
18,827	20,800	18,000	Salaries	18,800
—	200	200	T. A.	200
2,198	20,000	10,000	<i>Recurring contingencies</i>	
7,078	6,000	8,000	Cost of feed	15,000
2,937	1,000	1,000	Labour	11,000
—	—	—	Other contingencies	1,000
—	2,000	2,000	<i>Non-recurring contingencies</i>	
—	—	—	Cost of eggs	4,000
31,040	50,000	39,200	Total	50,000
—	50,000	25,000	3. Studies on Asian Elephants and Elephant Clinic	50,000
—	50,000	50,000	4. Providing additional (Research) facilities at College	—
5. Studies on Incidence of Etiology and Pathology of Tumours of Ethmoid in domestic animals*				
59,008	49,000	62,000	Salaries	—
—	1,000	1,000	T. A.	—
12,470	10,000	5,000	<i>Recurring contingencies</i>	—
71,478	60,000	68,000	Total	—
2,300	10,000	5,000	6. Studies on meat yield and quality	10,000
7. Fodder Research and Development Centre				
54,935	54,900	50,000	Salaries	60,000
42	500	300	T. A.	500
12,22,846	8,00,000	8,00,000	<i>Other charges</i>	
—	10,000	3,000	Cost of cultivation	8,25,000
903	3,000	2,000	Chemicals/equipments	5,000
—	—	—	Other items	3,000
12,78,726	8,68,400	8,55,300	Total	8,93,500
8. Study of incidence, Nature and Magnitude for prevalence of Infertility conditions among cross-bred cattle in Kerala				
2,61,442	2,30,000	1,50,000	Salaries	2,00,000
5,608	5,000	5,000	T. A.	5,000
27,426	10,000	35,000	<i>Recurring contingencies</i>	10,000
14,372	5,000	5,000	<i>Non-recurring contingencies</i>	5,000
3,08,848	2,50,000	1,95,000	Total	2,20,000

* Upto 31-3-88

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			9. Role of olfactory signals in the reproductive behaviour/physiology of goat and swine	
11,897	—	—	Salaries	
739	—	—	<i>Contingencies</i>	
			Cost of experimental animals	
			Feed/Medicines/Chemicals	
12,636	—	—	Total	
			10. Restraint of Animals by Pharmacological methods using Projectile syringes	
51,728	53,000	50,000	Salaries	55,000
—	1,500	500	T. A.	1,000
—	4,000	1,000	<i>Recurring contingencies</i>	
—	5,000	2,000	Experimental Animals	4,000
—			Chemicals and power charges	4,000
—	1,500	500	Labour including smithy and workshop charges	1,000
—	10,000	3,000	Equipments and Fire Arms	10,000
51,728	75,000	57,000	Total	75,000
			11. Centre of Excellence in Animal Diseases	
1,38,733	1,35,000	1,40,000	Salaries	1,44,000
—	2,000	500	T. A.	1,000
2,162	13,000	3,000	Recurring contingencies	5,000
876	—	—	Non-recurring contingencies	—
1,41,771	1,50,000	1,43,500	Total	1,50,000
			12. Centre of Advanced Studies in Poultry Science	
92,296	1,20,000	1,00,000	Salaries	1,20,000
4,569	5,000	4,000	T. A.	5,000
1,566	25,000	20,000	Recurring contingencies	25,000
98,431	1,50,000	1,24,000	Total	1,50,000
			13. Centre of Advanced Studies in Animal Genetics & Breeding	
66,280	1,20,000	1,00,000	Salaries	1,20,000
1,403	5,000	4,000	T. A.	5,000
12,725	25,000	20,000	Recurring contingencies	25,000
80,408	1,50,000	1,24,000	Total	1,50,000
—	1,000	—	14. Token provisions for new projects	50,000
61,057	1,50,000	—	15. Biotechnology Unit	10,00,000
			16. Breeding Rabbit for meat production (Broiler Rabbit Farm), Mannuthy	
—	—	65,000	Salaries	—
—	—	1,000	T. A.	—

Vety. Res. ICAR

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			<i>Recurring contingencies</i>	
—	—	30,000	Cost of labour	—
—	—	28,000	Cost of feed	—
—	—	1,000	Other items	—
—	—	1,25,000	Total	—
VI VETERINARY RESEARCH (iii) (a) ICAR				
1. AICRP on determination of the availability of animal feed resources and their utilisation with special emphasis on crop residues, byproducts of industries, forest, aquatic and slaughter house in origin and animal organic waste for evolving economic rations for livestock and poultry				
1,94,775	1,74,700	1,74,700	Salaries	1,86,500
4,707	10,500	10,500	T. A.	11,000
			<i>Recurring contingencies</i>	
42,773	20,000	20,000	Feed/fodder and unkeep of animals	28,000
—	16,000	16,000	Research contingencies	19,000
			Misc. contingencies (repair of equipments POL charges, labour, printing and stationery etc)	28,000
—	24,000	24,000		
			<i>Non-recurring contingencies</i>	
—	—	40,000	Equipments	—
—	—	—	Others (Jeep with Trailer)	—
2,42,255	2,45,200	2,85,200	Total	2,72,500
2. Co-ordinated Research project on Goats				
2,47,339	2,12,600	2,12,600	Salaries	2,17,900
12,067	10,000	10,000	T. A.	10,000
			<i>Recurring contingencies</i>	
1,65,561	1,20,000	1,20,000	Feed & Upkeep	1,20,000
			Office expenses and miscellaneous,	
58,925	72,000	72,000	Medicines, Res. contingencies	72,000
1,56,625	1,10,000	1,10,000	Wages/misc. contingencies	1,10,000
8,612	70,000	70,000	Maintenance of vehicles (POL/MOL)	70,000
			<i>Non-recurring contingencies</i>	
—	50,000	1,50,000	Purchase of exotic/indigenous goats	30,000
—	57,000	3,57,000	Purchase of Livestock	—
—	10,000	70,000	Equipments	—
—	10,000	1,10,000	Works	10,000
6,49,129	7,21,600	12,81,600	Total	6,39,900
3. All India Co-ordinated Research Project on Poultry, Mannuthy				
2,67,414	3,33,900	3,33,900	Salaries	3,40,100
11,529	7,000	7,000	T. A.	7,000

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			<i>Recurring contingencies</i>	
6,99,941	5,00,000	5,00,000	Feed	5,50,000
14,610	60,000	60,000	Research contingencies	60,000
10,075	15,000	15,000	Maintenance of vehicles	15,000
1,95,141	90,000	90,000	Miscellaneous expenses	90,000
			<i>Non-recurring contingencies</i>	
—	40,000	40,000	Equipments	10,000
—	1,00,000	1,00,000	Building	—
11,98,710	11,45,900	11,45,900	Total	10,72,100
			4. Karyological studies in cattle of Kerala with special reference to infertility and sterility*	
11,371	15,000	16,600	Salaries	—
3,648	4,200	4,200	T. A.	—
—	3,300	3,300	Recurring contingencies	—
15,019	22,500	24,100	Total	—
			5. Breeding Rabbit for meat production **	
15,040	—	—	Salaries	—
1,294	—	—	T. A.	—
			<i>Recurring contingencies</i>	
43,758	—	—	Cost of feed	—
8,999	—	—	Other contingencies	—
69,091	—	—	Total	—
			6. Mycotoxicosis in Domestic Animals and Poultry and Aflatoxin induced liver Injury and hepatic carcinogenesis***	
94,885	1,00,400	1,00,400	Salaries	1,04,600
			<i>Recurring contingencies</i>	
3,89,340	24,000	24,000	Glasswares and chemicals	24,000
7,046	24,000	24,000	Cost of experimental animals and feed	20,000
			Non-recurring contingencies	—
4,91,771	1,44,400	1,44,400	Total	1,48,600
			7. Progeny testing of cross-bred bulls in Rural areas****	
68,187	1,20,300	1,20,300	Salaries	1,20,300
8,768	10,000	10,000	T. A.	10,000
			<i>Recurring contingencies</i>	
19,559	50,000	50,000	Wages for milk recording	50,000
822	20,000	20,000	Ear tags and other materials for animal identification	20,000
26,500	20,000	20,000	Purchase of liquid nitrogen	20,000
12,290	13,000	13,000	Materials for data collection, compilation and storage	13,000

* Terminated on 31-1-1988

** Terminated on 31-3-1987

*** Upto 31-1-1989

**** Subject to ICAR sanction for continuance in 1988-89

Vety. Res. ICAR—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
14,204	15,000	15,000	Chemicals and glasswares for testing A.I. etc.	15,000
3,000	30,000	30,000	Purchase and maintenance of crossbred bulls for testing	30,000
11,547	5,000	5,000	Miscellaneous	10,000
			<i>Non-recurring contingencies</i>	
—	40,000	40,000	Frozen semen containers	—
—	10,000	10,000	Fat testing equipments	—
1,677	20,000	20,000	Milk weighing scales and measures ear tag applicators and other equipments for animal identification and miscellaneous equipment	—
30,450	—	—	Data Storage cabinet	—
1,97,004	3,53,300	3,53,300	Total	2,83,300
			8. Nutrient requirements of cage layers*	
35,290	2,700	2,700	Salaries	—
—	100	100	T. A.	—
			<i>Recurring contingencies</i>	
41,626	4,200	4,200	Cost of feed	—
16,956	700	700	Labour and other contingencies	—
			<i>Non-recurring contingencies</i>	
—	—	—	Cage	—
—	—	—	Equipments	—
93,872	7,700	7,700	Total	—
			9. Toxic effect of Industrial Effluents on Animals (Upto 4-5-1987)**	
25,661	1,300	1,900	Salaries	—
2,409	300	300	T. A.	—
			<i>Recurring contingencies</i>	
1,606	500	500	Chemicals and Glasswares	—
			<i>Non-recurring contingencies</i>	
1,32,200	—	—	Equipments	—
1,61,876	2,100	2,700	Total	—
			10. Studies on Blood Groups and Bio-chemical Polymorphism in Cattle	
31,792	38,500	38,900	Salaries	37,000
			<i>Recurring contingencies</i>	
—	5,000	5,000	Glasswares and Plastic wares	5,000
3,260	10,000	10,000	Chemicals	5,000
6,882	5,000	5,000	Other contingencies	5,000
			<i>Non-recurring contingencies</i>	
			Equipments and apparatus	—
		88,600	Purchase of Guinea pigs	—
			Purchase of Rabbits	—
			Cages of lab animals	—
41,934	58,500	1,47,500	Total	52,000

* Terminated on 6-5-1987

** Terminated on 4-5-1987

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of. Account	Budget Estimate 1988-89
			11. Efficiency of White Pekin Ducks— Desi Ducks and their crosses for meat production*	
34,932	63,100	63,100	Salaries	64,700
344	5,000	5,000	T. A.	4,000
			<i>Recurring contingencies</i>	
78,379	1,30,700	1,30,700	Feed cost	1,35,800
18,823	4,500	4,500	Other Contingencies	5,000
			<i>Non-recurring contingencies</i>	
—	—	1,00,000	Equipments (Duck Incubator)	—
1,32,478	2,03,300	3,03,300	Total	2,09,500
			12. Assessment of economic losses resulting from commonly prevalent diseases in certain specified areas	Sanction for the Scheme with- drawn by ICAR.
—	51,000	—	Salaries	—
—	8,000	—	<i>Recurring contingencies</i>	—
—	4,000	—	Chemicals and other materials	—
—	—	—	Photography, Printing, Typing etc.	—
—	63,000	—	Total	—
			13. Organising Summer Institute on recent advances in diagnosis and control of parasite infection in domestic animals	Terminated on 26-6-1986.
35,000	400	—		
			14. AICRP on Poultry Nutrition	
—	—	57,200	Salaries	60,000
—	—	2,000	T.A.	2,000
			<i>Recurring contingencies</i>	
—	—	50,000	Feed	50,000
—	—	12,000	Research contingencies	12,000
—	—	10,000	Miscellaneous	10,000
			<i>Non-recurring contingencies</i>	
—	—	50,000	Building or addition and alteration	—
—	—	75,000	Equipments	25,000
—	—	2,56,200	Total	1,59,000
			15 Project on Poultry Directorate— Establishment of Centre on Poultry housing and management, Mannuthy,	
			Salaries	81,900
			T. A.	2,000
			<i>Recurring contingencies</i>	
			Feed	50,000
			Research contingencies	24,000

* Upto 31-1-1989

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			Miscellaneous contingencies	10,000
			<i>Non-recurring contingencies</i>	
			Building	1,00,000
			Equipments	60,000
			Total	3,27,900
			16 Preservation and nutritive quality of miscellaneous fodders with special references to <i>Subabool</i> (<i>Leucaena leucocephal</i>)	
			Salaries	60,800
			T. A.	2,000
			Recurring contingencies	12,000
			Non-recurring contingencies (equipments)	1,79,000
			Total	2,53,800
			VI. VETERINARY RESEARCH	
			iii) (b) OTHER EXTERNALLY AIDED PROJECTS	
			1. Role of free flying birds in the transmission of parasitic nematodes in domestic flows (SRF)*	5,000
9,950	—	5,000		
			2. Incidence and nature of hypothyroidism in domestic animals (DST)	
	79,200	98,400	Salaries	79,200
500	10,000	10,000	T. A.	10,000
			<i>Recurring contingencies</i>	
	8,000	8,000	Cost of expendable equipments/items	8,000
10,521	12,000	12,000	Cost of feed/experimental animals	12,000
	5,000	5,000	Contingencies	5,000
			<i>Non-recurring contingencies</i>	
6,59,891	—	—	Blood autoanalyser gama counter muffle furnace	—
—	5,400	5,400	Over head charges	5,400
6,70,912	1,19,600	1,38,800	Total	1,19,600
			3. Establishment of a Bloodgrouping Laboratory (KLD & MM Board)	
—	—	—	Salaries	—
—	—	—	T. A.	—
—	—	10,000	Recurring contingencies	15,000
—	—	2,65,000	Non-recurring contingencies (Equipments and fittings)	10,000
—	—	2,75,000	Total	25,000
			VII FISHERIES RESEARCH (i) PLAN	
			1. Establishment of Fresh Water Fisheries Research Station and Fish Farm	50,000
—	50,000	30,000		

* Upto 6-10-1988

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			2. Cultivation of Fish/prawn in Kuttanad/ Kole area, F. R. S. Moncompu	
21,123	—	—	Salaries	—
391	—	—	T. A.	—
2,175	20,000	20,000	Contingencies	25,000
375	5,000	5,000	Other charges	10,000
24,064	25,000	25,000	Total	35,000
			3. Additional (Research) facilities at College	35,000
28,910	40,000	25,000		
			4. Farming of Microbrachium Rosenbergi and Hatchery Production of Seeds	
36,824	60,000	20,000	Honorarium	30,000
—	25,000	5,000	Contingencies	20,000
36,824	85,000	25,000	Total	50,000
			5. Prawn culture in Pokkali Rice Fields	
39,800	12,500	32,500	Salaries	37,000
930	500	500	T. A.	500
110	35,000	93,000	Contingencies	90,000
—	2,000	2,000	Other charges	2,500
40,840	50,000	1 28,000	Total	1,30,000
14,950	25,000	25,000	6. Mixed farming of crops and fish	25,000
41,340	50,000	50,000	7. Token provision for new schemes	1,00,000
			VII FISHERIES RESEARCH (ii) ICAR	
			1. Adhoc scheme—Population characteristics, bionomics and culture of labeo dussumieri (curier)	
—	—	13,200	Salaries	26,400
—	—	24,000	Recurring contingencies	24,000
—	—	—	Non-recurring contingencies	*93,000
—	—	37,200	Total	1,43,400
			2. Adhoc Scheme—Product Development from bivalve Meat—Microbiological and bio-chemical assessment of their keeping quality	
—	—	25,200	Salaries	25,200
—	—	36,000	Recurring contingencies including T. A.	36,000
—	—	1,43,000	Non-recurring contingencies	—
—	—	2,04,200	Total	61,200
			VII FISHERIES RESEARCH (iii) OTHER EXTERNALLY AIDED PROJECTS	
			i) Technical Manpower Requirements of the fisheries sector in Kerala during VII FYP (SRF)	—
—	10,000	10,000		—

* To be utilised before 24-9-1988

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			ii) Micro-organisms associated with Eggs and larvae of Microbrachium rosenbergi in hatchery (DST)	
—	22,500	22,500	Consumables	22,500
—	2,000	2,000	Travel	2,000
—	4,000	4,000	Contingencies	4,000
—	29,000	29,000	Equipments	—
—	57,500	57,500	Total	28,500
			VIII FORESTRY RESEARCH (i) ICAR	
			AICRP on Agro Forestry	
1,29,469	1,63,200	1,63,200	Salaries	1,72,000
8,690	6,000	6,000	T. A.	6,000
34,471	36,000	36,000	Recurring contingencies	36,000
—	—	—	Non-recurring contingencies	—
1,72,630	2,05,200	2,05,200	Total	2,14,000
			ii) OTHER EXTERNALLY AIDED PROJECTS	
—	1,50,000	1,50,000	1. Project on Agro-Forestry (US Academy of Science)	—
—	1,50,000	1,50,000	2. Establishment of IDA assisted Forest nursery	—
			IX AGRICULTURAL ENGINEERING RESEARCH (i) ICAR	
			1. Co-ordinated Project for R & D of Farm implements	
43,876	1,29,600	1,29,600	Salaries	1,35,900
2,550	6,000	6,000	T. A.	6,000
7,735	12,000	12,000	Recurring contingencies	12,000
—	30,000	30,000	Non-recurring contingencies	25,000
54,161	1,77,600	1,77,600	Total	1,78,900
			2. Mechanical control and utilisation of floating type aquatic weeds, Vellanikkara	
57,610	—	—	Salaries	—
2,863	—	—	T. A.	—
5,000	—	—	Recurring contingencies	—
6,047	—	—	Non-recurring contingencies	—
71,520	—	—	Total	—
			3. Design and development of wind turbines and its feasibility studies in Kerala	
1,67,755	32,400	32,400	Salaries	24,300
—	—	—	T. A.	—
—	13,000	13,000	Recurring contingencies	9,800
5,965	—	1,04,000	Non-recurring contingencies	—
1,73,720	45,400	1,49,400	Total	34,100

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			IX AGRIL. ENGG. RESEARCH	
			(ii) OTHER EXTERNALLY AIDED PROJECTS	
			1. SIDA assisted project on Ground	
			Water Studies	
71,140	72,500	71,500	Salaries	—
1,643	2,000	3,000	T. A.	—
22,644	1,06,000	1,06,000	Contingent expenditure	—
95,427	1,80,500	1,80,500	Total	—
			2. Design Development and Evaluation of Sand dredging equipments	
—	—	79,000	Salaries	81,000
—	—	14,000	T. A.	13,000
—	—	2,00,000	Equipments	—
—	—	63,000	Materials and supplies	13,000
—	—	14,000	Contingencies	13,000
—	—	3,000	Others (Training popularisation)	5,000
—	—	3,73,000	Total	1,25,000
			X. RESEARCH—HOME SCIENCE (i) ICAR	
			Tapioca consumption and goitre incidence	
6,221	10,200	10,200	Salaries	—
—	4,600	4,600	T. A.	—
—	—	—	Contingencies	—
6,221	14,800	14,800	Total	—
			ii) OTHER EXTERNALLY AIDED PROJECTS	
			1. Action Research on the use of labour saving devices in Rural Houses of Kerala (GOI)	
3,087	—	—	Salaries	—
288	—	7,900	T. A.	—
—	—	—	Equipments	—
—	—	—	Demonstration Material	—
—	—	—	Labour saving devices	—
—	—	—	Educational programme	—
—	—	—	Educational materials	—
—	—	1,100	Stationery and printing	—
3,375	—	9,000	Total	—
			2. Hazards of food adulteration in Kerala (SRF)	
			3. Participation variance of pregnant/ lactating Rural women of supplementary Nutrition Programme in KCDS in Kerala (UNICEF/WFP)	
			Salaries	8,400
			T. A.	6,000
			Recurring contingencies	43,000
			Total	57,400

Extn. Non-plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
XI. EXTENSION (i) NON-PLAN				
1) Direction				
2,25,027	3,65,000	3,80,000	Salaries	4,00,000
23,562	25,000	25,000	T. A.	30,000
35,399	25,000	35,000	Maintenance of vehicles	40,000
6,586	18,000	18,000	Office expenses	20,000
29,971	30,000	30,000	Telephone charges	35,000
—	5,000	5,000	Furniture	5,000
7,910	25,000	25,000	Postage	25,000
—	10,000	10,000	Advertisement charges	10,000
6,379	10,000	10,000	Entertainment & Guest Charges	10,000
—	8,000	8,000	Local cost of Foreign experts	8,000
2,899	5,000	5,000	Information and guidance bureau	—
2,445	2,000	2,000	Other items	5,000
3,40,178	5,28,000	5,53,000	Total	5,88,000
—	25,000	25,000	2. KAU Commission	15,000
3. Public Relations				
39,912	45,000	45,500	Salaries	50,000
5,000	6,000	6,000	T. A.	7,000
—	15,000	15,000	Contingencies	15,000
—	4,000	4,000	Other charges	5,000
44,912	70,500	70,500	Total	77,000
4. Training Service—General				
2,37,922	3,49,500	3,49,000	Salaries	3,55,000
3,762	6,000	6,000	T. A.	8,000
<i>Contingencies</i>				
28,539	45,000	45,000	Office expenses & Misc.	47,000
515	9,000	9,000	Stationery	10,000
—	—	—	Furniture	5,000
24,375	20,000	20,000	Maintenance of vehicle	24,000
<i>Other charges</i>				
37,424	45,000	45,000	Honorarium	45,000
—	9,000	9,000	Teaching Aids	9,000
—	15,000	15,000	Study tour	15,000
—	10,000	—	Other items	50,000
1,750	1,000	1,000	Library (Books/Journals)	1,000
—	50,500	50,500	L. S. for other items	50,000
3,34,287	5,59,000	5,49,500	Total	6,19,000
5. Communication Centre				
A. Running Expenses				
1,83,220	1,95,000	1,95,000	Salaries	2,08,000
7,796	7,000	8,000	T. A.	9,000
<i>Contingencies</i>				
20,110	18,000	18,000	Maintenance of vehicles	10,000
3,898	3,000	3,000	Furniture	—
1,256	1,500	1,500	Stationery	1,500
5,403	5,500	7,500	Other charges	8,000
2,21,683	2,30,000	2,33,000	Total	2,36,500

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			6. Publication Unit	
1,84,952	2,33,000	2,33,000	Salaries	2,45,000
2,895	3,500	6,500	T. A.	5,000
7,689	7,000	7,000	Office contingencies	8,000
—	10,000	10,000	Remuneration to authors	10,000
1,320	10,000	10,000	Postage & other charges	12,000
1,96,856	2,63,500	2,66,500	Total	2,80,000
			7. Information Unit	
1,25,223	1,52,000	1,79,000	Salaries	2,00,000
3,175	4,000	4,000	T. A.	5,000
3,901	10,000	5,000	Contingencies	7,000
—	5,000	5,000	Other charges	5,000
—	—	—	Video production programme	5,00,000
1,32,299	1,71,000	1,93,000	Total	7,17,000
			8. Exhibition and Graphic Service	
87,917	1,35,000	1,35,000	Salaries	1,65,000
2,822	3,300	3,300	T. A.	4,000
4,131	11,000	11,000	Contingencies	11,000
9,140	8,000	8,000	Other charges	9,000
12,690	22,000	22,000	Furniture, equipments, display boards etc.	25,000
—	—	—	Mobile Exhibition Unit	5,00,000
1,16,700	1,79,300	1,79,300	Total	7,14,000
			9. Farm Advisory Service	
2,96,066	3,35,000	3,35,000	Salaries	3,65,000
17,480	18,000	18,000	T. A.	20,000
—	—	—	Contingencies	—
12,227	13,000	13,000	Maintenance of vehicles	15,000
4,033	4,500	4,500	Office expenses and Miscellaneous	5,000
3,674	5,000	5,000	Other items	6,000
3,33,480	3,75,500	3,75,500	Total	4,11,000
			10. National Service Scheme	
82,788	1,00,000	1,00,000	a) Regular activities	1,00,000
—	50,000	50,000	b) Special camping programmes	50,000
82,788	1,50,000	1,50,000	Total	1,50,000
			11. University Press	
			A. Running Expenses	
5,27,463	5,60,000	7,03,400	Salaries	7,42,000
3,986	2,000	2,000	T. A.	3,000
—	—	—	Contingencies	—
1,00,005	91,000	1,17,000	Wages to casual labourers	1,26,000
13,125	10,000	15,000	Office expenses & Misc.	15,000
—	5,000	5,000	Furniture	5,000
2,997	4,000	6,000	Maintenance and repairs	6,500
—	3,000	3,000	Telephone charges	4,700
—	—	—	Other charges	—
10,303	30,000	30,000	Types	25,000
3,34,344	3,00,000	3,70,000	Paper	4,50,000

Extn. Plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
22,874	30,000	45,000	Block making charges	35,000
22,806	22,000	45,000	Ink and other materials	40,000
2,997	3,000	6,000	Other items	6,000
10,40,900	10,60,000	13,47,400	Total	14,58,200
5,603	12,000	12,000	12. Expenditure on KSCB Diamond Jubilee Endowment	12,000
			XI. EXTENSION (ii) PLAN	
			1. Directorate of Extension	
3,881	8,000	8,000	Books and periodicals	8,000
3,000	50,000	50,000	Remuneration to authors	50,000
27,223	40,000	40,000	Workshop/Seminar	42,000
34,000	1,00,000	1,00,000	Exhibitions	1,00,000
68,104	1,98,000	1,98,000	Total	2,00,000
—	50,000	50,000	2. Training & Visit Programme	50,000
			3. Correspondence course	
			Contingencies	
—	10,000	10,000	Stationery and printing	10,000
—	10,000	10,000	Postage	10,000
—	18,000	18,000	Remuneration for preparing lessons, corrections of answer books etc.	18,000
—	2,000	2,000	Other items	2,000
—	40,000	40,000	Total	40,000
725	15,000	15,000	4. Strengthening of Communication Centre	
—	3,000	3,000	Krishi Darsan programme	15,000
57,968	35,000	35,000	Hort. Therapeutic Aid	3,000
1,985	—	—	Photographic and other equipments	30,000
			Sales counter	2,000
60,678	53,000	53,000	Total	50,000
			5. Scheme for the development of Tribal Colonies in Peechi Command Area— Poovanchira and Payyanam colonies	
			Salaries	
			T. A.	
			Recurring contingencies	
			Seeds/pesticides	
			Stationery	
4,575			Cultivation charges	
			Non-recurring contingencies	
			Pumpset	
4,575	—	—	Total	
—	10,000	10,000	6. Consultancy service	100,000
—	—	—	7. Fisheries Extension Education	50,000
—	—	—	8. Strengthening of University Press	—
36,298	50,000	50,000	Machinery & Equipments	20,000

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			9. Krishi Vigyan Kendra, Manjeswar	
1,02,526	1,58,000	1,58,000	Salaries	1,57,500
4,980	4,000	8,000	T. A.	8,000
			<i>Recurring contingencies:</i>	
1,531	5,000	5,000	POL charges and maintenance	5,000
8,160	9,000	9,000	Rent for office building	10,000
—	—	—	Lease charges	—
11,142	10,000	10,000	Training	10,000
1,256	1,000	1,000	Stationery	1,500
15,162	15,000	15,000	Operating contingencies	17,000
879	1,000	1,000	Books & periodicals	5,000
—	20,000	20,000	Cultivation charges	10,000
—	5,000	5,000	Feed and maintenance charges	5,000
			<i>Non-recurring contingencies</i>	
—	—	—	Vehicles	—
9,574	5,000	5,000	Furniture	5,000
95	1,000	1,000	Teaching aids	1,000
—	—	—	Temporary sheds	—
—	5,000	5,000	Dairy unit	5,000
—	5,000	5,000	Poultry Unit	5,000
—	5,000	5,000	Fishery Unit	5,000
—	1,000	—	LA charges	—
1,55,305	2,50,000	2,53,000	Total	2,50,000
41,457	50,000	50,000	10. LSA Training Course	50,000
5,833	30,000	30,000	11. Field Studies/Village adoption	30,000
			12. Performance & Carcass characteristics of pig reared under rural conditions of management by farmers in different levels of income	—
—	5,000	5,000		
—	7,500	—	13. Fish cum duck integrated farming system Trial-cum-demonstration, Kumarakom	7,500
—	10,000	10,000	14. Lump-sum provision for new Plan Schemes	10,000
			15. Establishment of Agrl. Engineering K. V. K. at Tavanur	5,00,000
			XI EXTENSION (iii) (a) ICAR	
			1. AICP on National Demonstration on Major food crops, Kottarakkara	
1,21,110	84,000	83,000	Salaries	86,000
11,598	12,000	12,000	T. A.	12,000
			<i>Contingencies</i>	
18,021	20,000	20,000	Maintenance and repairs to vehicles	20,000
17,181	28,000	28,500	Critical inputs and demonstrations	28,500
4,735	4,000	4,500	Stationery and Miscellaneous	4,500
1,72,645	1,48,000	1,48,000	Total	1,51,000

Extn. ICAR—Contd...

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			2. ICAR Golden Jubilee Celebrations Lab to Land Programme	
20,824	—	—	T. A.	—
2,39,713	1,77,000 (for 300 farm families)	1,77,000	Contingencies	1,77,000
2,60,537	1,77,000	1,77,000	Total	1,77,000
			3. AICRP for the rapid improvement of Agrl. Technology directed at Socio Economic upliftment of SCs/OBCs, Nilambur	
1,01,917	1,36,700	1,36,700	Salaries	1,43,100
5,971	13,000	13,000	T. A.	*13,000
	5,000	5,000	<i>Recurring contingencies</i>	
60,248	10,000	10,000	Office contingencies ¹	5,000
	48,000	48,000	Maintenance of vehicles	10,000
			Contribution in kind	48,000
1,68,136	2,12,700	2,12,700	Total	2,19,100
			4. Krishi Vigyan Kendra, Pattambi	
3,15,506	3,50,000	3,50,000	Salaries	3,60,000
39,377	12,000	12,000	T. A.	12,000
			<i>Recurring contingencies</i>	
9,471	—	—	Maintenance of vehicle	—
18,302	—	—	Meals for trainees	—
20,072	60,000	60,000	Honorarium to guest trainees	60,000
1,460	—	—	Demonstration for training	—
113	—	—	Maintenance of library	—
			<i>Non-recurring contingencies</i>	
—	—	—	Office-cum-farmers hostel	—
—	20,000	20,000	Equipment, fittings and furniture (including Agrl. equipments)	—
			Book/shelves	—
			Vehicles (Mini Bus 1. Motor cycle 1 and cycles 2)	—
			Purchase of livestock	—
			Equipment for information and Audio visual aids	—
—	1,00,000	20,000	Buildings	—
			Farm implements	—
			Training cards and library equipments	—
—	40,000	40,000	Revolving fund	—
4,04,301	5,82,000	5,02,000	Total	4,62,000
			5. AICRP on strengthening Agricultural Research Programmes for the socio- economic upliftment of Tribals, Amboori	
3,02,099	1,95,600	1,95,600	Salaries	2,05,100

* Rs. 3000/- for workshop/seminar

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
5,976	12,000	12,000	T. A.	*12,000
			<i>Recurring contingencies</i>	
36,848	12,000	12,000	Contingencies including POL/repairs	12,000
—	62,000	62,000	Contribution (in kind)	62,000
3,44,923	2,81,600	2,81,600	Total	2,91,100
			6. Krishi Vigyan Kendra, Ambalavayal	
2,64,642	2,10,000	2,10,000	Salaries	2,20,000
9,986	12,000	12,000	T. A.	12,000
			<i>Recurring contingencies</i>	
5,354	—	—	Office contingencies	
11,836	—	—	Maintenance of vehicles	
9,600	50,000	50,000	Meals for trainees	60,000
			Honorarium to guest trainees	
			Demonstration for Training	
			Maintenance of library	
			<i>Non-recurring contingencies</i>	
3,49,982	1,50,000	—	KVK Building (Farmers' hostel, staff quarters, etc.)	—
—	20,000	20,000	Equipments and fittings and furniture including Agri. Equipments	—
16,963	—	—	Library (Books and shelves)	—
			Mini bus, One Motor Cycle and two cycles equipments for information and Audio visual aids	—
—	—	—	Revolving fund	—
—	—	—	Development of instructional farm	—
—	—	—	Piggery and Fishery ponds	—
—	40,000	40,000	Others	30,000
6,34,437	4,82,000	3,32,000	Total	3,22,000
—	2,000	2,000	7. Coconut Information net work in India	2,000
			8. Estt. of New KVKs	
—	1,000	1,000	1. KVK, Pathanamthitta	1,000
—	1,000	1,000	2. KVK, Pampadumpara	1,000
—	1,000	1,000	3. KVK, Moncompu	1,000
			9. L. S. for new Co-ordinated Projects in Extension	1,00,000
			10. Impact of modernisation in Agriculture on women in the special reference to rice farming systems in the country	
—	—	40,000	Recurring contingencies including TA	40,000
			11. Land to Lab strengthening feed back mechanism as a component factor of lab to land programme	2,600

*Rs. 2000/- for training/Seminar/Workshop

Extn. OEAP

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget ^t Estimate 1988-89
XI. EXTENSION				
(iii) (b) OTHER EXTERNALLY AIDED PROJECTS				
1 UNICEF Training Centre*				
42,507	34,300	34,300	Salaries	
5,421	8,000	8,000	T. A.	
<i>Contingencies</i>				
5,709	22,500	22,500	Conduct of Training Programme	
6,319	1,42,400	1,42,400	Distance Edn. Programme	
24	11,700	11,700	Documentation and report	
6,745	23,600	23,600	Educational materials	
—	19,800	19,800	Photo copier—Purchase of spares	
—	25,000	25,000	Electronic typewriter, accessories, A. V. equipments etc.	
576	7,000	7,000	Food Lab.	
4,024	900	900	Other items	
2,625	13,000	13,000	Radiobroad cast on maternal and child care	
73,950	3,08,200	3,08,200	Total	
—	10,000	10,000	2. Research on Wild bees & honey collection	
—	15,000	15,000	3. Project on microbiology of forest soils	
4. Project on the integrated development of Kanikkar Tribals dispersed in hamlets situated on the slopes of the Agasthya-mudi peak				
14,578	31,300	31,300	Salaries	6,500
<i>Recurring contingencies:</i>				
—	33,000	33,000	Office contingencies	33,000
Propulsion and repair charges				
Educational programme				
3,192	—	—	Ayurvedic medicinal plants standardisation	—
799	—	—	Forest produce	—
396	—	—	Bee keeping	—
—	—	—	Eri and Tassar silk	—
—	—	—	Lac cultivation	—
2,681	—	—	Seminar/symposia	—
22,638	—	—	Rubber/cashew planting	—
148	—	—	Documentations	—
—	—	—	Other expenses	—
44,432	64,300	64,300	Total	39,500
5. Follow up studies on certain innovative development programmes among a few selected tribal communities in the Western Ghat area with special reference to Ecology and Forestry Development for Tribal Welfare**				
9,228	2,000	2,000	Salaries	—
—	400	400	T. A.	—

* Upto 2/88. Redeployment of staff proposed

** Upto 21-4-1987

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
—	2,000	2,000	Field office and dormitory	—
—	2,000	2,000	Office contingencies	—
			POL charges	—
			Cost of planting materials including transport	—
9,228	6,400	6,400	Total	—
			6. National Agricultural Extension Project (NAEP)*	
			1. Central Training Institute, Mannuthy	
39,293	2,97,000	2,97,000	Salaries	3,31,000
8,055	40,000	55,000	T. A. & recurring contingencies	45,000
			<i>Non-recurring contingencies</i>	—
—	7,00,000	7,00,000	Trainees Hostel	—
—	7,000	7,000	Mini bus	—
—	3,00,000	3,00,000	Books, journals etc.	7,000
			Audio visual equipments	—
47,348	13,44,000	13,59,000	Total	3,83,000
			2. Strengthening of Training Service Vellayani*	
21,155	99,000	99,000	Salaries	1,07,000
6,463	40,000	40,000	T. A. & recurring contingencies	45,000
			<i>Non-recurring contingencies</i>	—
—	3,00,000	3,00,000	Trainees hostel	—
—	—	—	Mini bus	—
—	7,000	7,000	Books, journals etc.	7,000
—	50,000	50,000	Audio-visual materials	—
27,618	4,96,000	4,96,000	Total	1,59,000
			7. Orientation method on communication methods	
4,000	—	—	Practicals	—
1,300	—	11,000	Preparation of audio visual aids	—
900	—	—	Preparation of educational materials	—
			T. A.	—
			Preparation of photograph/slides	—
			Miscellaneous	—
6,200	—	11,000	Total	—
			8. Project on spatial microlevel planning for integrated rural development (ICSSR) (subject to ICSSR's sanction for continuance)	14,200
5,381	12,000	14,200		
			9. Estt. of agro-met observatory at Amboori	
—	—	13,000	Equipments	—
			<i>Contingencies</i>	—
—	1,800	1,800	Maintenance of observatory (including cost of charts, for S. R. rain gauge)	—
—	3,200	3,200	Wages to observers @ Rs. 10/ per day	—
—	5,000	18,000	Total	—

*Upto 31-3-89

Civil Works Non-plan

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			XII CIVIL WORKS (NON-PLAN)	
			a) Engineering Wing—Personnel	
			i) Directorate of Physical Plant	
7,77,854	8,25,000	8,25,000	Salaries	9,00,000
14,354	15,000	20,000	T. A.	25,000
			<i>Contingencies</i>	
27,778	25,000	30,000	Maintenance of vehicles	35,000
13,396	20,000	15,000	Office expenses & Misc.	20,000
—	50,000	50,000	Staff Training	50,000
8,33,382	9,35,000	9,40,000	Total	10,30,000
			ii) Execution	
			1. Engineering Division, Tavanur	
1,10,082	1,85,000	1,85,000	Salaries	—
7,767	9,000	9,000	T. A.	—
			<i>Contingencies</i>	
575	3,000	3,000	Office expenses and miscellaneous	—
1,200	1,500	1,500	Stationery	—
—	—	—	Furniture	—
—	1,000	1,000	Other items	—
1,19,624	1,99,500	1,99,500	Total	—
			2. Engineering Division, Panangad, Cochin	
2,31,676	2,11,500	2,17,500	Salaries	2,53,000
9,938	11,000	14,000	T. A.	15,000
			<i>Contingencies</i>	
1,785	2,000	1,000	Office expenses & Misc.	2,000
902	1,500	1,500	Stationery	1,500
9,147	12,000	12,500	Maintenance of vehicles	13,000
1,967	3,000	—	Furniture	—
—	—	—	Other items	1,000
2,55,415	2,41,000	2,46,500	Total	2,85,500
			3. Engineering Sub Division, Mannuthy	
2,81,343	2,86,000	2,96,000	Salaries	3,08,000
798	1,600	1,600	T. A.	1,800
			<i>Contingencies</i>	
3,708	5,000	6,500	Office Expenses & Misc.	7,000
675	1,500	1,000	Stationery	1,000
—	5,000	5,000	Furniture	—
480	1,000	1,200	Other items	1,500
2,87,004	3,00,100	3,11,300	Total	3,19,300
			4. Engineering Sub Division, Vellayani	
2,75,686	2,85,000	2,90,000	Salaries	3,40,000
15,981	12,000	12,000	T. A.	13,000
			<i>Contingencies</i>	
1,817	3,000	2,000	Office expenses & Misc.	2,500
834	1,000	1,000	Stationery	1,500
30,066	20,000	21,000	Maintenance of vehicles	23,000
—	8,000	8,000	Furniture	—
334	1,000	1,000	Other items	1,500
3,24,718	3,30,000	3,35,000	Total	3,81,500

Civil Works (Execution) Non-plan—contd...

Accounts 1986—87	Budget Estimate 1987—88	Revised Estimate 1987—88	Head of Account	Budget Estimate 1988—89
			5. Mechanical Sub Division, Main Campus	
2,33,519	2,25,000	2,32,000	Salaries	2,75,000
7,283	7,500	8,000	T. A.	8,500
			<i>Contingencies</i>	
5,551	5,000	5,000	Office expenses and Miscellaneous	6,000
900	1,000	1,500	Stationery	2,200
—	—	—	Furniture	—
—	1,50,500	1,50,500	Vehicle repair workshop	—
2,47,253	3,88,000	3,97,000	Total	2,91,700
			6. Engineering Sub Division No. I Main Campus, Vellanikkara	
2,64,246	3,33,000	2,65,000	Salaries	3,10,000
9,425	10,000	14,000	T. A.	14,000
			<i>Contingencies</i>	
21,382	21,000	21,000	Maintenances of vehicles	23,000
6,497	17,000	12,000	Office expenses & Miscellaneous	13,500
783	1,500	1,200	Stationery	1,500
—	—	—	Furniture	—
833	2,000	2,000	Other items	1,000
3,03,166	3,84,500	3,15,200	Total	3,63,400
			7. Engineering Sub Division No. II, Main Campus, Vellanikkara	
2,97,520	3,15,000	2,75,000	Salaries	2,85,000
9,812	8,000	8,000	T. A.	8,500
			<i>Contingencies</i>	
7,967	9,000	9,000	Office expenses & Misc.	9,000
—	1,500	1,500	Stationery	1,500
450	1,000	1,000	Other charges	1,000
3,15,749	3,34,500	2,94,500	Total	3,05,000
			8. Engineering Sub Division, Tavanur	
90,731	1,47,000	3,32,000	Salaries	3,40,800
2,914	6,000	15,000	T. A.	10,000
—	8,500	6,000	Contingencies	7,000
—	8,000	14,000	Furniture	3,000
165	3,000	3,000	Other items	2,000
93,810	1,72,500	3,70,000	Total	3,62,800
			9. Engineering Sub Division, Pattambi	
1,24,718	1,32,000	1,42,000	Salaries	1,52,000
1,959	8,000	8,000	T. A.	8,000
			<i>Contingencies</i>	
—	10,000	3,500	Furniture	3,000
—	4,000	2,000	Office expenses & Miscellaneous	2,000
—	3,000	3,000	Stationery	3,000
300	4,000	500	Other items	1,500
1,26,977	1,61,000	1,59,000	Total	1,69,500

Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Head of Account	Budget Estimate 1988-89
			b. Works	
			i) Non-plan	
13,13,786	25,00,000	25,00,000	Maintenance and Repairs	20,00,000
13,240	1,50,000	30,000	Tools and Plants	5,00,000
24,77,223	—	—	Suspense	—
38,04,249	26,50,000	25,30,000	Total	25,00,000
1,39,13,386	1,75,00,000	1,61,19,500	ii) Works—Plan	1,50,00,000
			XIII. VELLANIKKARA ESTATE (NON-PLAN)	
2,50,966	2,95,000	3,03,000	Salaries	3,95,000
2,443	3,500	8,000	T. A.	8,500
			<i>Contingencies</i>	
1,61,881	2,20,000	2,40,000	Pay of contingent staff	2,55,000
19,121	14,500	27,000	Maintenance of vehicles	30,000
12,534	5,000	5,000	Advertisement charges	5,700
3,178	2,000	2,000	Stationery and printing	2,000
7,28,513	8,70,000	8,95,000	Wages of labourers	9,60,000
3,088	12,000	13,000	Maintenance and repairs of Machinery	14,000
15,821	13,000	10,000	Rent, Rates and taxes	10,000
17,633	15,000	15,000	Office expenses & Miscellaneous	18,000
			<i>Other charges</i>	
12,964	40,000	20,000	Manure, fertilizers and chemicals	25,000
2,78,823	6,50,000	6,00,000	Replanting operations	6,50,000
9,706	12,000	12,000	Other items	13,000
15,16,671	21,52,000	21,50,000	Total	23,86,200
			XIV. PAYMENT OF ARREARS OF AGRICULTURAL INCOME TAX FOR THE PERIOD 74-75 to 80-81 (NON-PLAN)	
1,52,89,800	—	—		—
			ii) Payment of net arrear claims in respect of institutions transferred to KAU (Non-plan)	
10,06,800	—	—		—
			iii) Payment of outstanding interest free loan (Plan)	
6,00,000	—	6,00,000		6,00,000
			iv) Payment of land assignment charges for the establishment of a substation under AICRP on Sugarcane, Thiruvalla (Non-plan)	
—	—	5,65,200		—

RECEIPTS				LOANS AND SUSPENSE ACCOUNTS		DISBURSEMENTS			
Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89	Head of Account	Accounts 1986-87	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89	
1	2	3	4	5	6	7	8	9	
10,12,666	10,05,800	10,85,000	13,25,000	a) Loans & advances by the University	13,62,980	18,70,000	19,90,000	25,90,000	
—	—	—	—	b) Debt-loans from Govt. and other agencies	—	6,00,000	6,00,000	6,00,000	
1,99,87,055	1,46,60,100	1,58,05,100	1,40,35,100	c) Funds and Deposits	71,76,501	2,19,31,000	1,28,25,100	1,43,52,100	
28,70,685	7,60,000	9,20,000	11,30,000	d) Suspense account	14,97,232	8,05,000	9,60,000	10,60,000	
2,38,70,406	1,64,25,900	1,78,10,100	1,64,90,100	Total	1,00,36,713	2,52,06,300	1,63,75,100	1,86,02,100	
7,28,762	7,50,000	8,00,000	9,00,000	a. Loans and advances by the University					
				i) House Loan	8,98,480	15,00,000	15,00,000	20,00,000	
				ii) Conveyance loan					
1,10,457	1,35,000	1,50,000	2,50,000	a) Scientist and technical staff					
				i) Motor car	3,35,000	1,50,000	2,50,000	3,00,000	
	53,000	60,000	75,000	ii) Two wheelers (Scooter/ Motor cycle)	66,000	1,50,000	1,50,000	1,50,000	
1,57,579				b. Other staff					
	43,000	45,000	60,000	i) Two wheelers (Scooter/ Motor cycle)	52,000	30,000	50,000	1,00,000	
15,868	14,300	20,000	30,000	ii) Other conveyance	11,500	30,000	30,000	30,000	
—	10,000	10,000	10,000	iii) Other advances/loans	—	10,000	10,000	10,000	
10,12,666	1,00,58,000	10,85,000	13,25,000	Total (a)	13,62,980	18,70,000	19,90,000	25,90,000	

1	2	3	4	5	6	7	8	9	
					b. Debt-loan from Govern- ment and other agencies	—	6,00,000	6,00,000	6,00,000
					c. Funds and Deposits				
					<i>i) KAU Provident Fund</i>				
					a) Receipts/Transfer to the fund	68,78,436	1,56,30,500	80,00,000	90,00,000
1,86,77,497	1,34,00,000	1,45,00,000	1,25,00,000						
—	—	—	—		b) Disbursements	—	42,00,000	42,00,000	45,00,000
					<i>ii) Workers Provident Fund</i>				
					a) Receipts/transfer to the fund	2,29,658	15,05,700	3,50,000	5,00,000
9,22,220	9,30,000	10,00,000	12,00,000						
—	—	—	—		b) Disbursements	—	75,000	75,000	1,00,000
2,39,896	2,55,000	2,60,000	2,75,000		iii) Family benefit fund	38,426	4,45,000	1,50,000	2,00,000
3,251	25,000	20,000	10,000		iv) Endowments	3,251	25,000	10,000	12,000
1,44,191	50,000	25,000	40,000		v) Security deposits	26,730	50,000	40,000	30,000
—	100	100	100		vi) Other deposits	—	100	100	100
—	—	—	10,000		vii) Refund of revenue	—	—	—	10,000
1,99,87,055	1,46,60,100	1,58,05,100	1,40,35,100		Total (c)	71,76,501	2,19,31,300	1,28,25,100	1,43,52,100
					d. Suspense account				
4,82,358	—	—	—		i) Festival advance	4,51,846	*	*	*
—	—	—	—		ii) Permanent advance	—	45,000	40,000	30,000
1,07,099	—	—	—		iii) Other objection book advance	83,450	*	*	*
—	25,000	20,000	30,000		iv) Special advance	6,550	25,000	20,000	30,000
22,81,228	7,35,000	9,00,000	11,00,000		v) Suspense	9,55,386	7,35,000	9,00,000	10,00,000
28,70,685	7,60,000	9,20,000	11,30,000		Total (d)	14,97,232	8,05,000	9,60,000	10,60,000

* To be met under regular service heads

Appendix I

LIST OF WORKS

Name of work	Budget Estimate 1987—88	Revised Estimate 1987—88	Budget Estimate 1988—89
A. ROADS			
1 Formation of 'B' Road—Balance work	20,000	1,00,000	1,50,000
2 Formation of 'C' Road along Ladies Hostel and Radio Isotope lab from 'A' Road	1,000	1,000	—
4 Providing approach Road to flat type quarters, Vellanikkara	15,000	15,000	30,000
5 Formation of a bridle path (soft tract for horses) in Mannuthy campus	50,000	50,000	50,000
Total	86,000	1,66,000	2,30,000
B. ELECTRICITY			
1 Providing street light facilities at A and B Road at Main Campus, Vellanikkara	5,000	5,000	5,000
2 Construction of sub station for KAU Main Campus, Vellanikkara	1,00,000	1,00,000	1,00,000
3 Providing street lights to the roads leading to type IV, V, VI quarters and the road to Ladies Hostel at Main Campus, Vellanikkara	5,000	5,000	20,000
4 Extension of power line to CRS, Madakkathara	10,000	10,000	—
5 Providing addl. electrical facilities to Academic Block II	50,000	50,000	75,000
6 Providing addl. electrical facilities to Academic Block III	20,000	20,000	50,000
7 Providing street light to bachelors and Trainees hostels, Vellanikkara	—	—	50,000
Total	1,90,000	1,90,000	3,00,000
C. WATER SUPPLY			
1 Replacing the turbine pumpset near store building, Vellanikkara	10,000	10,000	20,000
2 Digging open wells near quarters type V, VI, Farmers Hostel and Type II quarters and construction of slump near type II quarters	50,000	50,000	—
3 Providing water supply and irrigation facilities, Vellayani	50,000	50,000	—
4 Supply and erection of pumpset to borewell in pepper nursery and providing pipeline to GL tank	50,000	50,000	—
5 Construction of an open well in Instructional Farm, Mannuthy	25,000	25,000	—
6 Providing protected water supply system at Mannuthy, construction of ground level tank near V. C's residence	10,000	10,000	—
7 Water supply arrangements, boring tube well, construction of pump house, supply and erection of pump house at Mannuthy	10,000	10,000	—
8 Providing water supply line from pump well to the ground level tank, pumpset etc., Mannuthy	5,000	5,000	—
9 Providing water supply line from GL tank at Instructional Farm to Training and Research building at C. R. S. Madakkathara	15,000	15,000	1,00,000

Name of work	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89
10 Providing wire fencing and protection to GL tank, Main Campus, Vellanikkara near Hostel Blocks	2,000	2,000	—
11 Construction of pump house, supply and erection of a pumpset including supply main pumping and gravity at Main Campus, Vellanikkara	—	—	1,00,000
12 Providing electrification to bore well motor in the pond near vegetable garden, Main Campus, Vellanikkara	—	—	1,50,000
13 Supply and erection of 50+8 H. P. motor and pumpset at Mannuthy	—	—	30,000
14 Irrigation and drinking water facilities at Main Campus, Vellanikkara	—	—	5,00,000
15 Permanent water supply scheme, Main Campus, Vellanikkara	2,00,000	2,00,000	1,00,000
16 Supply and erection of pumpset in the tube well in the field near type II quarters including pump house	5,000	5,000	—
Total	4,32,000	4,32,000	10,00,000
II. COLLEGE AND LAB BUILDING			
1 Construction of Academic Block No. I	—	—	1,000
2 Construction of Academic Block No. II	—	—	1,000
3 Construction of Academic Block No. III	—	—	1,000
4 Construction of Library Building in Main Campus, Vellanikkara	1,000	1,000	50,000
5 Construction of Administrative Block, Main Campus	5,00,000	1,00,000	2,40,000
6 Construction of School building at Main Campus	—	—	7,000
7 Construction of AI Centre, Thiruvazhamkunnu	10,000	10,000	—
8 Construction of Dairy Technology building at Mannuthy	1,00,000	1,00,000	2,00,000
9 Construction of Meat technology building, Mannuthy	20,000	20,000	50,000
10 Construction of clinical complex, College of Veterinary and Animal Sciences, Mannuthy	1,00,000	1,00,000	—
11 Installation of tower clock, College of Veterinary and Animal Sciences, Mannuthy	25,000	25,000	—
12 Fisheries College Lab, Library, building etc.	10,00,000	2,00,000	8,00,000
13 Construction of a Laboratory and Library block at Agri. College, Vellayani	5,00,000	1,00,000	8,00,000
14 Providing additional accommodation to Central Office building, Agri. College, Vellayani	20,000	20,000	—
15 Surveying and investigation in the Panangad campus.	20,000	20,000	—
16 Providing compound wall, Vety. College	25,000	25,000	—
17 Construction of faculty conference hall, Vety. College, Mannuthy	1,00,000	1,00,000	—
18 Construction of semi permanent shed, Fisheries College, Panangad	40,000	19,000	2,00,000
19 Additional facilities to AI Centre, Mannuthy	50,000	50,000	—
20 Providing addl. facilities to Meat Technology building, Mannuthy	50,000	50,000	50,000
21 Construction of building to Rural Home Science College, Vellayani	1,51,000	1,65,000	2,00,000
22 Construction of smoke house Meat Technology Unit, Mannuthy	30,000	30,000	—

Name of work	Budget Estimate 1986—87	Revised Estimate 1987—88	Budget Estimate 1987—89
23 Construction of room for electron microscope with A/C Unit, Veterinary College	2,00,000	2,00,000	1,00,000
24 Construction of generator room for computer room, Main Campus, Vellanikkara	15,000	15,000	—
25 Construction of class room and hostel building for D. A. Sc., Ambalavayal	3,00,000	3,00,000	—
26 Construction of Academic block, Fisheries College, Panangad	—	—	15,00,000
27 Improvement to Extension Block—Museum Training hall, photographic unit etc.	50,000	50,000	5,00,000
28 Processing technology lab with Library annexe	—	—	2,00,000
29 Construction of building for K. C. A. E. T., Tavanur	1,00,000	1,00,000	1,00,000
30 Construction of new Academic block for Vety. College	2,00,000	2,00,000	—
Total	36,07,000	20,00,000	50,00,000
III INSTRUCTIONAL FARM			
1 Providing irrigation facilities to IF, Main Campus, Vellanikkara	1,10,000	50,000	1,00,000
2 Deepening of the two tanks on either side of the entrance gate of Main Campus, Vellanikkara	1,00,000	50,000	—
3 Construction of insectory of AICRP on BCCP, Vellanikkara	10,000	65,000	—
4 Construction of tree veees yard at Vety. Hospital, Kokkalai	10,500	10,000	—
5 Construction of lab at Livestock Research Station, Thiruvazhamkunnu	50,000	75,000	—
6 Formation of OH Tank—1 lakh litre, Thiruvazhamkunnu	20,000	20,000	—
7 Construction of fish/prawn hatchery building, Fisheries College	10,00,000	5,00,000	—
8 Providing cement tank for nursery rearing, Fisheries College	10,000	10,000	—
9 Dredging and reclaiming land for fish processing complex Panangad	5,000	5,000	—
10 Providing compound wall to Panangad campus	40,000	40,000	—
11 Deepening kayal land for jetty, warf at Panangad	1,00,000	1,00,000	—
12 Deepening of the existing fish ponds and protective measures, Panangad	20,000	20,000	—
13 Construction of outer bunds to the fish ponds at Fisheries College, Panangad	10,000	10,000	—
14 Construction of fish ponds and leading channels for IF, Puduveyypu	25,000	25,000	—
15 Improvement to the tanks in AICRP on Poultry	5,000	5,000	—
16 Construction of layer house for duck, Mannuthy	25,000	25,000	—
17 Formation of road leading to CBF, Thumburmuzhi	10,000	10,000	—
18 Constructing a new wall at western block of CBF, Thumburmuzhi	5,000	3,000	—
19 Deepening and lining existing well in vegetable garden, Main Campus, Vellanikkara	40,000	40,000	50,000
20 Construction of cattle barns, Tavanur	15,000	1,00,000	—
21 Improvement to irrigation facilities, RARS, Pilicode	1,50,000	50,000	1,50,000
22 Construction of ground level tank and providing pipe lines, BRS, Kannara	50,000	25,000	—

Name of work	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89
23 Water supply arrangements, C.R.S. Madakkathara	50,000	50,000	750,00
24 Providing compound wall, approach road and manure pit to the gobar gas plant, ULF, Mannuthy	2,000	2,000	—
25 Providing 2 Nos. stores tank for irrigation facility to the vegetable garden, Main Campus, Vellanikkara	10,000	10,000	25,000
26 Improvements to building at the Piggery farm, Mannuthy	25,000	25,000	—
27 Construction of a deep litter poultry unit at RARS, Pattambi	50,000	25,000	—
28 Construction of propagation house, shade house, mist chamber, storage tank for Nursery at Main Campus (20 point programme).	—	—	5,00,000
Total	19,97,000	11,00,000	9,00,000
IV WORKSHOP AND GLASS HOUSE			
1 Building for vehicle repair workshop, Main Campus Vellanikkara	50,000	50,000	—
2 Forming approach road to glass house and net house	50,000	50,000	—
3 Construction of glass house (Addl. facilities), Vellanikkara	—	—	50,000
4 Construction of net house, (Addl. facilities), Vellanikkara	—	—	50,000
Total	1,00,000	1,00,000	1,00,000
V. SPORTS, GAMES AND STUDENTS AMENITIES			
1 Constructing a stadium playground at KAU Main Campus	25,000	25,000	25,000
2 Improvements to sports facilities K. C. A. E. T., Tavanur	10,000	10,000	10,000
3 Constructing an auditorium, Vellayani campus	30,000	30,000	—
4 Constructing pavilion and students centre at Agrl. College, Vellayani	50,000	50,000	50,000
5 Play fields at Fisheries College, Panangad	1,00,000	10,000	50,000
6 Improving facilities of pavilion, Mannuthy	25,000	25,000	25,000
7 Construction of playground near U. P. School at Main Campus, Vellanikkara	40,000	50,000	25,000
8 Providing stage for auditorium at Main Campus, Vellanikkara	—	—	15,000
Total	2,80,000	2,00,000	2,00,000
VI. STAFF QUARTERS			
1 Construction of Type II quarters (4 Nos.) at CRS, Pampadumpara	30,000	30,000	—
2 Constructing Type VI quarters, Main Campus, Vellanikkara	—	—	1,00,000
3 Constructing Type II quarters (5 duplex), Main Campus	1,00,000	1,00,000	1,00,000
4 Construction of Type III quarters flat type, Main Campus	1,00,000	1,00,000	3,00,000
5 Construction of Type II quarters duplex 2 Nos., Tavanur	25,000	25,000	—
6 Constructing Type II quarters (5 duplex), Pattambi	50,000	50,000	—
7 Construction of Type I quarters (2 duplex) quarters, Pattambi	50,000	50,000	—
8 Providing essential amenities to existing quarters with necessary urgent repairs and addl. fittings, Pattambi	20,000	20,000	—
9 Construction of Type IV (2 duplex) quarters, Ambalavayal	25,000	25,000	—
10 Construction of Type V (2 Nos.) quarters, Ambalavayal	25,000	25,000	—

Name of work	Budget Estimate 1987—88	Revised Estimate 1987—88	Budget Estimate 1988—89
11 Construction of Type II (2 Nos. flat type) quarters, Ambalavayal	1,00,000	25,000	—
12 Construction of staff quarters, Panniyur	10,000	10,000	—
13 Constructing Type I and III quarters, RARS Pilicode (4 Nos, duplex)	2,00,000	2,00,000	—
14 Construction of Type III staff quarters at Puduveypu	10,000	10,000	50,000
15 Construction of Professor's quarters Type IV and V, Fisheries College, Panangad	25,000	25,000	—
16 Construction of Type II quarters (5 duplex), Panangad	2,00,000	2,00,000	—
17 Improvements to acquired buildings at Fisheries College Campus, Panangad	50,000	50,000	—
18 Constructing staff quarters at RRS, Vyttila	1,00,000	1,00,000	—
19 Construction of Professor's quarters Type VI at Panangad	2,00,000	2,00,000	—
20 Dean's quarters, Fisheries College	2,00,000	50,000	—
21 Constructing Watchman's quarters at Instructional Farm, Puduveypu	20,000	20,000	—
22 Construction of quarters in Mannuthy Campus, Flat Type 2 Nos.	5,00,000	5,00,000	10,00,000
23 Construction of Dean's quarters at Agrl. College, Vellayani	50,000	50,000	—
24 Construction of Type V quarters (addl. 2 Nos.) at Main Campus, Vellanikkara	2,50,000	50,000	2,00,000
25 Construction of Type IV quarters (addl. 2 Nos) at Vellanikkara	1,00,000	50,000	2,00,000
26 Construction of Type III flat (addl. 1 No.) at Main Campus	1,50,000	1,00,000	2,00,000
27 Construction of Type II quarters 1 No. duplex at LRS, Thiruvazhamkunnu	25,000	25,000	—
28 Construction of working womens hostel at KAU Main Campus, Vellanikkara	25,000	25,000	—
29 Construction of Labour line (addl. 2 Nos.) CRS, Madakkathara	75,000	75,000	—
30 Construction of Type I quarters 2 Nos. at Main Campus, Vellanikkara	1,00,000	1,00,000	—
31 Construction of labour line 2 Nos. estate paddies	1,00,000	1,00,000	—
32 Construction of 6 Nos. Type II quarters (duplex) at Main Campus	1,00,000	1,00,000	—
33 Construction of 6 Nos. Type II quarters I Block at IAT Tavanur	1,00,000	50,000	—
34 Construction of Type V quarters (Prof.) 5 Nos. Mannuthy	4,00,000	4,00,000	2,00,000
35 Construction of Type IV 2 Nos. Mannuthy	1,00,000	1,00,000	2,00,000
36 Construction of Type I quarters 2 Nos. (Watchman quarters) at Mannuthy	50,000	50,000	50,000
37 Construction of Type V quarters (5 Nos.), Fisheries College Panangad	1,00,000	1,00,000	—
38 Construction of Type IV (duplex) 5 Nos. Fisheries College, Panangad	1,00,000	1,00,000	—
39 Construction of Type III (duplex) 5 Nos. Fisheries College, Panangad	1,00,000	1,00,000	—
40 Construction of Watchman's quarters (Addl. 2 Nos.) Panangad	50,000	50,000	—
41 Construction of Type V quarters, Engg. College, Tavanur	1,00,000	1,00,000	—
42 Construction of Type IV quarters, Engg. College, Tavanur	1,00,000	1,00,000	—
Total	42,15,000	36,40,000	26,00,000

Name of work	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89
VII TEACHERS HOSTEL			
1 Fisheries College, Panangad	1,00,000	1,00,000	10,000
2 Construction of Teachers Hostel—Main Campus and Block I	2,00,000	50,000	10,000
3 Construction of Teachers Hostel Block II Main Campus, Vellanikkara	2,00,000	2,00,000	10,000
Total	5,00,000	3,50,000	30,000
VIII STUDENTS HOSTEL			
1 Construction of PG Hostel, Main Campus, Vellanikkara	1,00,000	50,000	1,00,000
2 Construction of Additional floor to PG Hostel, Vety. College, Mannuthy	—	—	2,00,000
3 Construction of 2nd floor to ladies hostel, Vellayani to accommodate, R. H. Sc. students	2,00,000	50,000	2,00,000
4 Constructing a new hostel block for U. G., Mannuthy	15,00,000	40,00,000	25,00,000
5 Diverting the existing canal in dormitory building and basket ball court at Fisheries College, Panangad	50,000	50,000	—
6 Construction of students hostel at Fisheries College, Panangad	2,00,000	50,000	5,00,000
7 Constructing a recreation club attached to the dormitory building, Fisheries College	50,000	50,000	—
8 Constructing compound wall and constructing Watchman's shed at Ladies Hostel, Mannuthy	10,000	10,000	—
9 Construction of students hostel, Agri. Engg. College, Tavanur	4,00,000	1,00,000	—
Total	25,10,000	44,60,000	35,00,000
IX SUSPENSE STOCK			
	5,00,000	10,00,000	5,00,000
X BASIC FACILITIES			
1 Constructing a building for Chilling plant, Livestock Research Farm, Thiruvazhamkunnu	10,000	10,000	—
2 Improvements to water supply arrangement at Livestock Farm, Thiruvazhamkunnu	1,50,000	1,00,000	1,00,000
3 Improvements to water supply at Pattambi	50,000	50,000	—
4 Distribution line, reconstruction and transformer erection at RARS, Pattambi	50,000	50,000	—
5 Postmortem examination disposal of carcasses facilities at Veterinary College, Mannuthy	10,000	10,000	5,000
6 Strengthening and widening of the existing irrigation facilities at Ambalavayal	1,00,000	50,000	50,000
7 Constructing an irrigation tank at RARS, Nileswar	75,000	75,000	—
8 Providing General water supply system at RARS, Pilicode	25,000	25,000	14,000
9 Constructing a Boatshed at RRS, Moncompu	30,000	30,000	—
10 Providing irrigation facilities at SRS, Thiruvalla	50,000	50,000	—
11 Drinking water supply arrangements at RRS, Moncompu	50,000	50,000	50,000
12 Drinking water supply arrangements at RARS, Kumarakom	50,000	50,000	50,000
13 Remodelling SABS to provide accommodation to NCC	30,000	10,000	30,000
14 Construction of latrine and bathroom to labour lines and septic tank at LRS, Thiruvazhamkunnu	—	—	10,000

Name of the work	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89
15 Construction of paper store for University Press	—	—	50,000
16 Construction of additional septic tanks to the existing quarters at Mannuthy B Type	—	—	50,000
17 Protected water supply and construction of Pump House and allied works at Mannuthy	25,000	25,000	—
18 Providing irrigation facilities to CRS, Balaramapuram	50,000	50,000	—
19 Construction of a cattle barn at RARS, Pilicode	50,000	50,000	—
20 Construction of a labourers waiting shed, Pilicode	—	—	50,000
21 Construction of a Canteen-cum-Society Building RARS, Pilicode	25,000	25,000	—
22 Providing fencing around the farm, RARS, Pilicode	50,000	50,000	—
23 Replacing the damaged irrigation pipes, RARS, Nileswar	50,000	50,000	—
24 Constructing a labourers waiting shed at PRS, Panniyur	—	—	50,000
25 Providing labourers waiting shed at RARS, Ambalavayal	—	—	50,000
26 Improving the irrigation tank at RARS, Pilicode	—	—	25,000
27 Construction of irrigation tank and improvements to irrigation system at PRS, Panniyur	50,000	50,000	—
28 Lumpsum provision for providing minimum facilities in Research Stations as recommended by General Council	8,08,000	5,00,000	7,00,000
29 Construction of Field Lab. at PRS, Panniyur	50,000	50,000	—
30 Improvement to water supply system at HRS, Ambalavayal	1,00,000	50,000	50,000
31 Construction of waiting shed for labourers, AMPRS, Odakkali	—	1,50,000	25,000
32 Construction of waiting shed for labourers, Thiruvazhamkunnu	—	—	50,000
33 Construction of waiting shed for labourers, Kannara	—	—	25,000
34 Providing bathrooms and latrines to the building at Nileswar	—	—	40,000
35 Improvement to the existing irrigation tank, construction of Pump House, RRS, Kayamkulam	30,000	30,000	30,000
36 Construction of waiting shed for labourers at I. F. Vellanikkara	25,000	25,000	25,000
37 Protected water supply system at KCAET, Tavanur	1,00,000	50,000	—
38 Construction of incenerator at Mannuthy	—	—	1,00,000
39 Digging a pond for irrigation at LRS, Thiruvazhamkunnu	75,000	75,000	70,000
40 Construction of drains, road, retaining walls etc. for Type II duplex (Addl. 19 Nos. new) at Main Campus, Vellanikkara	50,000	50,000	—
41 Digging a well and construction of Pump house and erection of pump etc. at BRS, Kannara	50,000	50,000	50,000
42 Providing pumping main to OH tank at LRS, Thiruvazhamkunnu	—	—	10,000
43 Vety. College - construction of stable for horses	2,00,000	50,000	—
44 Providing ceiling to Press building	—	—	50,000
45 Improvement to irrigation facilities, Pampadumpara	—	—	1,00,000
46 Construction of labourers waiting shed, Kannara	—	—	50,000

Name of work	Budget Estimate 1987-88	Revised Estimate 1987-88	Budget Estimate 1988-89
47 Leak proofing, college hostels, Vellanikkara	—	—	3,00,000
48 Rewiring of the existing electrification installation and providing addl. facilities to type IV 2 Nos, type V 10 Nos. and type VI 9 Nos. at Vellayani	—	—	1,00,000
Total	24,68,000	19,65,000 *	23,39,000
XI. GUEST HOUSE AND STAFF CLUB			
1 Construction of guest house, Main Campus, Vellanikkara	1,50,000	1,50,000	5,000
2 Staff Club at Main Campus, Vellanikkara	1,00,000	50,000	5,000
3 Staff Club at Panangad	1,00,000	1,00,000	—
4 Addl. facilities to Staff club at Mannuthy,	50,000	50,000	5,000
5 Addl. facilities to Faculty club at Mannuthy	1,00,000	1,00,000	5,000
6 Guest house at Agrl. Engineering College, Tavanur	50,000	50,000	5,000
7 Staff club at Agrl. Engineering College, Tavanur	1,00,000	1,00,000	—
Total	6,50,000	6,00,000	25,000

Appendix II

ESTIMATE OF STATE SHARE ON ICAR CO-ORDINATED PROJECTS AND OTHER EXTERNALLY AIDED PROJECTS

Name of the Project	Budget Estimate 1987—88	Revised Estimate 1987—88	Budget Estimate 1988—89
AIC Spices and Cashew Improvement Project Research on Cardamom	62,000	60,000	61,000
AIC Spices and Cashew Improvement Project Research on Pepper	64,500	64,300	59,000
AIC Spices and Cashew Improvement Project Research on Cashew	41,000	50,000	32,500
AIC Spices and Cashew Improvement Project Research on Ginger	24,800	24,800	25,000
AICRIP—Double Cropping Main Centre, Pattambi	89,200	90,300	91,800
AICRIP—Double Cropping Sub-Centre, Mannuthy	7,700	7,700	8,000
AICRIP—Moncompu Centre	30,100	30,100	31,000
AICRIP on Forage Crops, Vellayani	48,700	48,500	43,300
Integrated Project for Research on Water Management and soil Salinity, Chalakudy	84,400	85,000	79,500
AIC Floriculture Improvement Project	24,200	24,200	25,000
AICRP on Sugarcane Thiruvalla	21,000	21,000	23,400
AIC—Fruit Improvement Project, Kannara	63,000	65,000	62,200
AICRP on Intensification of Research on Pulses, Pattambi	37,500	23,400	34,000
Agricultural Bye-Products Scheme	61,300	71,300	68,100
AIC Research project on Goats	1,60,400	1,49,200	1,40,000
AICRP on Poultry	1,61,400	1,61,400	1,30,500
AIC Research Project on Biological control of Crop pests, Vellanikkara	48,000	59,300	41,300
AIC Project on Nematode Pests and their control, Vellayani	38,900	46,300	34,400
Co-ordinated Project on Agrl. Drainage under actual farming conditions on water shed basis, Karumadi	80,000	80,000	82,500
AIC Vegetable Improvement Project	46,500	45,000	40,000
AIC Project for Research and Development of farm implements	44,400	44,700	44,700
AICRP on Agro-Forestry	51,300	51,300	53,500
NARP Sub Project on Water Management, Chalakudy	74,000	74,000	—
AICRP Cropping System Research Centre	1,63,300	1,64,300	1,16,700
NARP Sub Project, Ambalavayal	85,500	49,500	49,500
AICRP on Medicinal & Aromatic Plants	43,000	43,000	71,000
AICRP on Oil Seeds—Res. on Groundnut & Sesamum, Vellayani	21,500	21,000	17,500
AICRP Pesticides Residues	34,400	1,09,300	40,300
Integrated Production trials under Directorate for cropping System Research Vyttila/Kumarakom	—	10,600	8,600
Project on Poultry Directorate			
Estt. of Centre on poultry housing and Management, Mannuthy	—	—	82,000
Total	17,12,000	17,74,500	15,96,300

Appendix III

STAFF DETAILS

University Administration (Non-Plan)

Vice-Chancellor	6500	1
Registrar	2450—3600+	1
	Spl. pay Rs. 250	
Comptroller	"	1
Deputy Registrar (Admn.)	1950—2950	2
Deputy Registrar (Acad.)	"	1
Deputy Comptroller	"	1
Assistant Registrar (Admn.)	1500—2685	2
Assistant Comptroller	"	3
Labour Officer	"	1
Secretary to Vice-Chancellor	1500—2685+*	1
	Spl. pay Rs. 175	
Section Officer	1100—2100	22
Senior Office Superintendent	1100—2100+	
(P. A. to Registrar)	Spl. pay Rs. 125**	1
Senior Office Superintendent	1100—2100	3
Office Superintendent	1050—2000+	1
(P. A. to Comptroller)	Spl. pay Rs. 125	
Office Superintendent	1050—2000	5
Senior Grade Assistant	975—1720	18
Assistant Gr. I	780—1320	25
Assistant Gr. II	675—1125***	51
Senior Grade Typist	975—1720	2
Typist Gr. I	780—1320	3
Typist Gr. II	675—1125	6
Translator	975—1720	1
Driver (LV) Gr. I	675—1125	3
Driver (HV) Gr. I	780—1320	1
Driver Gr. II (LDV)	640—1000+	4
	CA Rs. 110	
Driver (HV) Gr. II	740—1245	2
Clerical Assistant	640—1000	2
Binder	660—1050	1
Duplicator Operator	640—1000+	2
	CA Rs. 25	
Duffedar	640—1000+	1
	CA Rs. 25	
Special Grade Peon	575— 900	2
Bus Attendant	700—1140	4
Cook-cum-Caretaker	675—1125	1
Peon	550—800	12
Watchman-cum-Gardener	575— 900	1

* Present incumbent will be on Rs. 1950—2950+Spl. pay Rs. 175 pm. with effect from 24-12-85

** Present incumbent will be on Rs. 1250—2500

*** Asst. Gr. II will start at Rs. 755/-

Sweeper-cum-Scavenger	550—800	1
Sweeper	"	1
Watchman	"	2
Special cell for SC/ST		
Recruitment Officer	1500—2685	1
School at Main Campus (Plan)		
Head master	1050—2000	1
Teacher (Eng. Med.)	780—1320	7
School Asst. (Mal. Med)	"	1
Nursery Teacher (Eng. Med.)	"	1
U.P. School Asst. (Mal. Med.)	"	3
Nursery Teacher (Mal. Med.)	660—1050	2
" " (Drawing)	"	1
" " (Phy. Edn.)	"	1
Ayas	550—800	4
Sweeper-cum-Attendant	"	2
Part-time Hindi Teacher	575—800	1
College of Agriculture, Vellayani (Non-Plan)		
Dean	2450 - 3600+ Spl. pay Rs. 250-	1
Professor	(Agron.) 2450—3600	4
"	(Botany) "	3
"	(Chemistry) "	2
"	(Entomology) "	1
"	(Extension) "	1
"	(Agrl. Eco.) "	1
"	(Hort.) "	1
"	(Plant Pathology) "	1
"	(Statistics) "	1
"	(Agrl. Engg.) "	1
Associate Professor	(Agro.) 1950—2950	2
"	(P. P.) "	1
"	(Botany) "	1
"	(Chemistry) "	2
"	(Entomology) "	2
"	(Extn.) "	2
"	(A. H.) "	1
"	(Microbiology) "	1
"	(Hort.) "	1
Assistant Professor	(Agronomy) 1500—2685	3
"	(Agrl. Botany) "	3
"	(Entomology) "	6
"	(Plant Path.) "	2
"	(Chemistry) "	5
"	(Agrl. Extn.) "	2
"	(Hort.) "	1
"	(Agrl. Eco.) "	1
"	(Agrl. Engg.) "	1
"	(Agrl. Stat.) "	1
"	(Vety. Sci.) "	1

Jr. Asst. Professor	(Agron.)	1150—2270	2
"	(Agrl. Bot.)	"	3
"	(Entomology)	"	1
"	(Plant Path.)	"	4
"	(Agrl. Extn.)	"	3
"	(Hort.)	"	2
"	(Agrl. Engg.)	"	1
"	(Agrl. Stat)	"	1
"	(Microbiology)	"	1
"	(Dairy Science)	"	1
"	(Agrl. Eco.)	"	1
"	(Agrl. Chem.)	"	1
"	(Phy Edn.)	"	1
Lady Junior Asst. Professor		"	1
Administrative Officer (Gr. I)		1950—2950	1
Section Officer		1100—2100	6
Librarian		1250—2500	1
Assistant Librarian		1100—2100	1
Senior Office Superintendent		"	4
Office Superintendent		1050—2000	1
Senior Grade Typist		975—1720	8
Senior Grade Assistant		975—1720	5
Assistant Gr. I		780—1320	17
Assistant Gr. II		675—1125	2
Farm Assistant (Agri.) Gr. II		"	1
" Gr. I		780—1320	1
Senior Grade Farm Assistant (Agri.)		975—1720	4
Farm Supervisor (Agri.) Gr. II		1050—2000	10
" (Vety) Gr. I		1100—2100	1
Farm Assistant (Vety.) Sr. Gr.		975—1720	1
" Gr. II		780—1320	3
Milk Recorder (H. G.)		1050—2000	1
Reference Assistant		"	4
Technical Assistant		1100—2100	3
Asst. Chemist		"	2
Bacteriology Assistant		"	1
Demonstrator		"	1
Lab Asst. (Hr. Grade)		1050—2000	1
Lab Asst. Gr. I		780—1320	3
Lab Asst. Gr. II		675—1125	7
Lab Asst. Gr. III		640—1000	10
Technical Assistant (Stat.)		1100—2100	2
Artist		1050—2000	1
Artist		850—1600	1
Photographer		"	1
Steward (L. G.)		675—1125	1
Matron		"	1
Assistant Agricultural Engineer		1250—2500	1
Steward (Hr. Gr.)		780—1320	1
Technician Gr. I (Mechanic)		975—1720	2
Technician Gr. I		"	1
Technician-cum-Mechanic		780—1320	1
Lineman		"	1

Mechanic/Technician Gr. III	675—1125	1
Driver H. V.	740—1245	3
Driver Gr. I	675—1125	1
Driver (L. V.)	640—1000	3
Oil Engine Driver (H. G.)	780—1320	1
Pump Operator	640—1000	3
Duplicator Operator	780—1320+	2
	CA Rs. 25	
Clerical Attender	640—1000	1
Lab Assistant (Hr. Gr.)	1050—2000	1
Lab Asst. Gr. I	780—1320	14
Lab Asst. Gr. II	675—1125	7
Lab Asst. Gr. III	640—1000	10
Clerical Assistant	"	1
Higher Grade Peon	640—1000	14
Peon (H. G.)	575—900	2
Peon	550—800	4
Watcher (Special Grade)	640—1000	1
Watcher	575—900	3
Watcher	550—800	3
Marker (H. G.)	575—900	2
Farm worker	"	1
Sweeper-cum-Attendant	550—800	1
Farm worker	"	3
Bus Attendant Gr. I	740—1245	1
Bus Attendant	700—1140	2
Scavenger	550—800	4
Sweeper-cum-Scavenger	"	1
Herdsman (H. G.)	575—900	1
Lascar	"	1
Milker	"	1
Assistant Warden	Rs. 50 p. m. Honorarium	2
Part-time Medical Officer	"	1
Cook-cum-Caretaker	640—1000	1
P. G. Course in Agricultural Extension (Non-Plan)		
Assistant Professor	1500—2685	1
Department of Plant Breeding (Non-Plan)		
Professor	2450—3600	2
Assistant Professor	1500—2685	3
Jr. Assistant Professor	1150—2270	2
Farm Supervisor Gr. II (Agri.)	1050—2000	1
Lab Asst. Gr. III	640—1000	1
Instructional Farm, Vellayani (Non-Plan)		
Assistant Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	4
Administrative Assistant	1100—2100	1
Section Officer	1100—2100	1
Senior Grade Assistant	975—1720	2
Assistant Gr. I	780—1320	3
Assistant Gr. II	675—1125	1
Typist Gr. I	780—1320	1
Technician Gr. II	"	1
Peon (H. G.)	640—1000	1

Watchman		575—900	1
Scavenger		640—1000	1
Watchman		"	1
Driver		"	1
Farm Operations			
Farm Supervisor (Agri.) Gr. I		1100—2100	2
Farm Supervisor (Agri.) Gr. II		1050—2000	6
Tractor Driver		640—1000	1
Field Supervisor		675—1125	1
Gardener		640—1000	1
Gardener		575—900	2
Mali		640—1000	2
Mali		550—800	1
Farm worker		640—1000	7
Farm worker		550—800	6
Farm worker		575—900	8
Additional Facilities to Instructional Farm and Kayal cultivation (Non-Plan)			
Asst. Prof. (Agro.)		1500—2685	1
Farm Supervisor Gr. II		1050—2000	1
Farm Asst. (Gr. II)		675—1125	1
College of Horticulture, Vellanikkara (Non-Plan)			
Associate Dean		2450—3600+	1
		Spl. pay Rs. 150/-	
Professor	(Pomology)	2450—3600	1
"	(Agrometeorology)	"	1
"	(Plantation crops)	"	1
"	(Plant Path.)	"	1
"	(Olericulture)	"	1
"	(Agrl. Economics)	"	1
"	(Processing Tech.)	"	1
"	(Agrl. Statistics)	"	1
"	(Agronomy)	"	2
"	(Entomology)	"	1
"	(Agrl. Chemistry)	"	1
"	(Botany)	"	2
"	(Soil Science)	"	1
"	(Chemistry)	"	1
Associate Professor	(Agronomy)	1950—2950	1
"	(Plant Pathology)	"	3
"	(Agrl. Economics)	"	1
"	(Agrl. Extension)	"	1
"	(Soil Physics)	"	1
"	(Agrl. Engg.)	"	1
"	(Agrl. Statistics)	"	1
"	(Plant Physiology)	"	1
Assistant Professor	(Spices & Medicinal Plants)	1500—2685	1
"	(Pomology & Floriculture)	"	1
"	(Floriculture & Land scaping)	"	1
"	(Processing Technology)	"	1
"	(Plantation Crops & Spices)	"	2
"	(Agromet)	"	1
"	(Agrl. Economics)	"	2

Assistant Professor	(Biochemistry)	1500—2685	1
"	(Agrl. Chemistry)	"	3
"	(Agrl. Entomology)	"	3
"	(Plant Path.)	"	1
"	(Microbiology)	"	1
"	(Agrl. Botany)	"	3
"	(Nutrition)	"	1
"	(Agrl. Extn.)	"	3
"	(Agrl. Stat.)	"	1
"	(Agronomy)	"	2
"	(Agrl. Engg.)	"	2
"	(Olericulture)	"	1
"	(Phy. Edn.)	"	2
Junior Asst. Professor	(Pomology)	1150—2270	1
"	(Entomology)	"	1
"	(Agrl. Economics)	"	2
"	(Agrl. Botany)	"	1
"	(Plantation Crops)	"	3
"	(Plant Pathology)	"	2
"	(Olericulture)	"	2
"	(Agronomy)	"	2
"	(Processing Tech.)	"	2
"	(Pomology & Flori.)	"	1
"	(Phy. Edn.)	"	2
"	(Agrl. Extn.)	"	1
Administrative Officer (Gr. I)		1950—2950	1
Section Officer		1100—2100	4
Senior Grade Assistant		975—1720	3
Senior Office Superintendent		1100—2100	1
Assistant Gr. II		675—1125	5
Office Superintendent		1050—2000	1
Senior Grade Typist		975—1720	2
Assistant Gr. I		780—1320	5
Typist Gr. I		780—1320	4
Typist Gr. II		675—1125	1
Lab Asst. Gr. I		780—1320	2
Peon (H. G.)		575—900	1
Peon		550—800	6
Steward		675—1125	1
Matron		"	1
Watchman		550—800	5
Processing Technology Asst.		1100—2100	1
Tech. Grade III		675—1125	2
Reference Assistant		1050—2000	3
Duplicator Operator		640—1000+	2
		CARs 25	
Farm Supervisor Gr. II (Agri.)		1050—2000	5
Senior Gr. Farm Asst. (Agri.)		975—1720	1
Farm Assistant Gr. I		780—1320	1
Lab Assistant Gr. II		675—1125	2
Driver Gr. II		640—1000	1
Lab Asst. Gr. III		"	12
Pump Operator		675—1125	1
Clerical Assistant		640—1000	1
Marker		550—800	1

Research and Education in Horticulture crops (Non-Plan)

Associate Professor (Agrl. Stat.)	1950—2950	1
Asst. Professor (Agrl. Eco.)	1500—2685	1
Jr. Asst. Professor (Plantation Crops)	1150—2270	1
“ (Floriculture & Land scaping)	“	1
“ (Olericulture)	“	3
“ (Processing Tech.)	“	1
“ (Cocoa)	“	1
“ (Spices)	“	1
“ (Fruits)	“	1
“ (Floriculture)	“	1
Farm Asst. Gr. II (Agri.)	675—1125	2

Agrl. Research Station, Mannuthy (Non-Plan)

Asst Professor (Agro)	1500—2685	1
Jr. Asst. Professor	1150—2270	5
Admn. Asst.	1100—2100	1
Senior Gr. Asst.	975—1720	2
Senior Gr. Typist	“	1
Asst. Gr. II	675—1125	1
Lab. Asst. Gr.	780—1320	1
Jeep Driver	640—1000	1
Peon	575—900	1
Peon	550—800	1
Watchman	“	2

Farm Operations

Farm Supervisor Gr. II (Agri.)	1050—2000	2
Senior Gr. Farm Asst. (Agri.)	975—1720	5
Farm Asst. (Agri.) Gr. I	780—1320	3
Mechanic/Technician Gr. II	“	1
Field Supervisor	675—1125	1
Tractor Driver	640—1000	1

Kelappaji College of Agrl. Engg. & Technology, Tavanur (Non-Plan)

Asst. Professor (Agrl. Engg.)	1500—2685	1
“ (A. H.)	“	1
Research Assistant	1150—2270	1
Jr. Asst. Professor (Farm)	“	1
“ (A. H.)	“	1
Asst. Engineer (Mech)	1050—2000	1
Admn. Officer (Gr. I)	1950—2950	1
Section Officer	1100—2100	3
Senior Office Supdt. (FC & D)	1100—2100	1
Senior Gr. Asst.	975—1720	2
Asst. Gr. I	780—1320	3
Asst. Gr. II	675—1125	4
Typist Senior Gr.	975—1720	1
Technician Gr. I	“	1
Technician Gr. II (Smithy, Fitting, Carpentry, Motor mechanic, turning)	780—1320	5
Technician Gr. III	675—1125	1
Librarian	975—1720	1
Lab. Asst. Gr. II	675—1125	1
Lab. Asst. Gr. III	640—1000	1

Driver Gr. I	675—1125	1
Peon (Hr. Gr.)	640—1000	1
Peon (Hr. Gr.)	600—950	2
Watchman	550—800	2
Sweeper	"	2
Sweeper-cum-Marker	"	1
Sweeper-cum-Attendant	"	1
Scavenger	"	1
Peon	"	1
Steward	675—1125	1
Farm Operations		
Asst. Professor (Agrl. Chem.)	1500—2685	1
Jr. Asst. Professor (P. P. & Hort.)	1150—2270	2
Farm Asst. (Agri.) Sr. Gr.	975—1720	2
Farm Asst. (Agri.) Gr. I	780—1320	2
Farm Asst. (Vety.)	"	1
Gardener	600—950	1
Diploma Course in Agrl. Science		
Jr. Asst. Professor (P. P.)	1150—2270	1
" (Phy. Edn.)	"	1
" (Agro)	"	1
Lab. Asst. Gr. II	640—1000	1
College of Agriculture—Nematology Section (Plan)		
Associate Professor	1950—2950	1
Asst. Professor	1500—2685	1
Estt. of a section of Insects Pathology & Microbial Control of insects under Dept. of Entomology (Plan)		
Associate Professor	1950—2950	1
Asst. Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	2
Lab. Asst. Gr. III	640—1000	1
Development of College Library		
Asst. Gr. II	708—1320	1
Plant Pathology Herbarium (Plan)		
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	1
Development of Library (Plan) (Hort. College)		
Asst. Gr. I	675—1125	1
Vegetable Seed Production Complex (Plan)		
Asst. Professor (Hort.)	1500—2685	1
Jr. Asst. Professor	1150—2270	1
Senior Gr. Farm Asst.	975—1725	1
Estt. of Centre of Excellence/Advanced Studies for Humid Tropical Tree Crops and Environmental Horticulture (Spices, Plantation Crops, Fruits and Forest Trees) (Plan)		
Director	2450—3600+ Spl. pay Rs. 250	1
Assoc. Professor (Hort.)	1950—2950	1
" (Plant Breeding)	"	1
" (Plant Physiology)	"	1
" (Biochemistry)	"	1

Assoc. Professor (Syst. Bot.)	1950—2950	1
" (Micro.)	"	1
" (Soil Science)	"	1
" (Forestry)	"	1
Asst. Professor (Hort)	1500—2685	1
" (Entomology)	"	1
" (Plant Physiology, Biochemistry, Syst. Botany, Microbiology, Soil Sci. & Forestry)	"	6
Jr. Asst. Professor (Agronomy, Plant Pathology, three in Hort.)	1150—2270	5
Sr. Gr. Typist	975—1720+ Spl. Pay Rs. 60/-	1
Driver	640—1000	1
Farm Asst. (Agri.) Gr. II	675—1125	1
Establishment of Computer Centre		
EDP Manager	1950—2950	1
Jr. Programmer	1150—2270	7
Computer Operators (Asst. Gr. II)	675—1125	7
Manpower Development Scheme (Coffee Board)		
Professor (Hort)	2450—3600	1
Asst. Professor (Hort)	1500—2685	1
College of Vety. & Animal Sciences, Mannuthy (Non-Plan)		
Director (Vety. Research & Edn.)	2450—3600+ Spl. Pay Rs. 250/-	1
Dean	2450—3600+ Spl. Pay Rs. 250/-	1
Professor (Physiology & Bio-Chem)	2450—3600	(3NP) 1
" (Anatomy)	"	(3NP) 1
" (Nutrition)	"	1
" (Dairy Science)	"	(1NP) 1
" (Extension)	"	1
" (Pathology)	"	1
" (Parasitology)	"	(4NP) 1
" (Pharmacology)	"	(1NP) 1
" (Poultry Science)	"	3
" (Surgery)	"	1
" (Microbiology)	"	1
" (Statistics)	"	1
" (Animal Reproduction)	"	(3NP) 2
" (Preventive Medicine)	"	(1NP) 1
" (Genetics & Animal Breeding)	"	1
" (Vety. Public Health)	"	(2NP) 1
" (Animal Management)	"	1
" (Therapeutics)	"	1
" (Animal Farms)	"	1
" (Diagnostic Pathology)	"	1
" (Animal Production/Economics)	"	1

N. P. — Norms Promotion

Assoc. Professor	(Anatomy)	1950—2950		1
"	(Physiology & Bio-chem)	"		2
"	(Animal Management)	"		1
"	(Extension)	"		1
"	(Animal Breeding & Genetics)	"		1
"	(Nutrition)	"		3
"	(Pathology)	"		2
"	(Microbiology)	"		1
"	(Animal Reproduction)	"		3
"	(Parasitology)	"		2
"	(Medicine)	"		1
"	(Pharmacology)	"		2
"	(Therapeutics)	"		1
"	(Poultry Science)	"		2
"	(Surgery)	"		3
"	(Vety. Public Health)	"		1
"	(Dairy Engg.)	"		1
"	(Dairy Plant & Management)	"		1
"	(Anatomy)	"		1
"	(Dairy Science)	"		1
"	(Vety. Hospital, Mannuthy)	"		1
Asst. Professor	(Anatomy)	1500—2685		1
"	(Nutrition)	"		3
"	(Physiology & Bio-Chem)	"		1
"	(Dairy Science)	"		3
"	(Animal Management)	"		1
"	(Animal Breeding & Genetics)	"		1
"	(Extension)	"		1
"	(Pathology)	"		2
"	(Microbiology)	"		2
"	(Animal Reproduction)	"		2
"	(Parasitology)	"		3
"	(Medicine)	"		2
"	(Pharmacology)	"		2
"	(Therapeutics)	"		1
"	(Poultry Science)	"		1
"	(Surgery)	"		2
"	(Vety. Public Health)	"		2
"	(Statistics)	"		2
"	(Chemistry)	"		3
"	(Agrl. Statistics)	"		1
"	(Vety. Hospital, Mannuthy)	"		1
"	(Phy. Education)	"		1
Jr. Asst. Professor	(Anatomy)	1150—2270	W	1
"	(Physiology & Bio-Chem.)	"	Reg	1
"	(Animal Management)	"	Sweet	1
"	(Extension)	"	Garden	2
"	(Animal Breeding & Genetics)	"	Groom	1
"	(Pathology)	"	Part-time A	2
"	(Bacteriology)	"	Asst. Warden	1
"	(Animal Reproduction)	"	Assistant Warden	2
"	(Medicine)	"	Assistant Warden	1
"	(Pharmacology)	"	Duplicator Operator	1
"	(Vety. Public Health)	"	Electrician	2

	Jr. Asst. Professor (Surgery)	1150—2270	2
	" (Statistics)	"	1
	" (Poultry Science)	"	1
	" (Therapeutics)	"	1
	" (Lady Phy. Edn.)	"	1
	Research Assistant/Lab. Technician	1100—2100	4
	Administrative Officer (Gr. I)	1950—2950	1
	Section Officer	1100—2100	4
	Senior Officer Supdt. (FC & D)	"	1
	Librarian	1250—2500	1
	Asst. Librarian	1100—2100	1
	Tech. Assistant (Stat)	975—1720	2
	Senior Grade Assistant	"	5
	Assistant Grade I	780—1320	4
	Assistant Grade II	675—1125	5
	Research Assistant	1050—2000	1
	Reference Assistant	"	5
	Typist Grade I	780—1320	2
	Typist Senior Grade	975—1720	2
	Office Supdt. (FC & D)	1050—2000	2
	Farm Supervisor	"	10
	Farm Assistant Grade I	780—1320	9
	Farm Assistant Grade II	675—1125	1
	Lab. Technician	975—1720	2
	Radiographer (Tech. Grade III)	675—1125	1
	Audiovisual Operator	780—1320	1
	Gasman (Tech. Grade I)	975—1720	1
	Artist/Photographer	850—1600	1
	Driver (LV) Grade	640—1000	3
	Driver (HV)	780—1320	1
	Duplicator Operator	640—1000	1
	Matron	675—1125	1
	Steward	"	1
	Syce	"	1
	Clerical Assistant (H. G)	780—1320	3
	Clerical Assistant	640—1000	3
	Lab. Assistant Grade II	780—1320	1
	Peon (Spl. Grade)	640—1000	4
	Peon	550—800	2
Σ	Attendant	640—1000	2
ε	Attendant	575—900	3
↑	Attendant	550—800	4
↑	Sweeper-cum-Attendant	"	16
↑	Sweeper	"	1
↑	Watchman (H. G.)	575—900	2
↑	Regular Marker	640—1000	1
↑	Sweeper-cum-Scavenger	550—800	7
Σ	Gardener	"	1
↑	Groom	"	1
Σ	Part-time Medical Officer	Rs. 50/-Honorarium	1
↑	Asst. Warden (Men's Hostel)	"	1
Σ	Assistant Warden (Ladies Hostel)	"	1
↑	Assistant Warden (P. G. Hostel)	"	1
↑	Duplicator Operator	640—1000	1
Σ	Electrician	675—1125	1

Typist	675—1125+	1
	Spl. Pay Rs. 100	
Driver (LV)	640—1000	1
Class IV	550—800	1
Mobile Diagnostic Laboratory (Non-plan)		
Driver Grade II (LV)	640—1000	1
Mobile Unit of expert Service on Sexual Health Control of Cattle— (Non-plan)		
Driver (LV)	640—1000	1
Dairy Technology Unit		
Technician Grade I	825—1430	1
Dairy Mechanic	675—1125	1
Helper	550—800	1
Development of Library (Plan)		
Sr. Grade Assistant	975—1720	1
Strengthening of under Graduate Programme (Plan)		
Special Officer (Acad. Programme)	2450—3600	1
Professor (Microbiology)	"	1
" (Clinical Medicine)	"	1
" (Surgery)	"	1
" (Livestock Farm)	"	1
Assoc. Professor (Anatomy)	1950—2950	1
" (Statistics)	"	1
" (Animal Management)	"	1
" (Microbiology)	"	1
" (Extension)	"	1
" (Pharmacology)	"	1
" (Preventive Medicine)	"	1
" (Surgery)	"	1
" (Poultry Farm, Mannuthy)	"	1
" (Pig Breeding, Mannuthy)	"	1
" (Clinical Medicine)	"	1
Asst. Professor (Anatomy)	1500—2685	1
" (Statistics)	"	1
" (Animal Management)	"	1
" (Microbiology)	"	1
" (Poultry Science)	"	1
" (Breeding & Genetics)	"	1
" (Vety. Public Health)	"	1
" (Extension)	"	1
" (Pharmacology)	"	1
" (Preventive Medicine)	"	1
" (Clinical Medicine)	"	1
" (Surgery)	"	1
" (Animal Production Economics)	"	1
Junior Assistant Professor (Anatomy)	1150—2270	2
" (Physiology)	"	1
" (Statistics)	"	1
" (Animal Management)	"	1
" (Microbiology)	"	1
" (Poultry Science)	"	1

Jr. Assistant Professor	(Breeding and Genetics)	1500—2270	2
"	(Pathology)	"	1
"	(Dairy Science)	"	2
"	(Pharmacology)	"	1
"	(Parasitology)	"	2
"	(Preventive Medicine)	"	1
"	(Clinical Medicine)	"	1
"	(Surgery)	"	1
"	(Animal Reproduction Eco.)	"	1
"	(Poultry Farm, Mannuthy)	"	1
"	(Livestock Farm, Mannuthy)	"	1

Fisheries Education (Non-Plan)

Dean		2450—3600+	1
		Spl. pay Rs. 250	
Professor	(Fisheries Res.)	2450—3600	1
"	(Aqua.)	"	1
"	(Fish Processing)	"	1
"	(Fishery Biology)	"	1
"	(Botany)	"	1
Associate Professor	(Fishery Biology)	1950—2950	2
"	(Fisheries Hydrography)	"	1
"	(Fisheries Engg.)	"	1
"	(Fish Processing)	"	1
"	(Fish Statistics)	"	1
"	(Aqua.)	"	2
"	(Fishing Technology)	"	1
"	(Bio-Oceanography)	"	1
Assistant Professor	(Aqua.)	1500—2685	1
"	(Fish Breeding)	"	1
"	(Ethology)	"	1
"	(Algology)	"	1
"	(Zoology)	"	2
"	(Bio-Chemistry)	"	1
"	(Chemical Hydrography)	"	1
"	(Microbiology)	"	1
"	(Aquatic Biology)	"	1
"	(Fishery Biology)	"	1
"	(Fishery Processing)	"	2
"	(Fishery Engg.)	"	1
"	(Fish Pathology)	"	1
"	(Fishery Technology)	"	1
"	(Eco.)	"	1
"	(Business Management)	"	1
Jr. Asst. Professor	(Economics)	1150—2270	1
"	(Ichthyology)	"	1
"	(Marine Meteorology)	"	1
"	(Genetics)	"	1
"	(Bio-Chemistry)	"	1
"	(Commerce)	"	1
"	(Aqua.)	"	3
"	(Farm Engineering)	"	1
"	(Phy. Education)	"	1
"	(Statistics)	"	1

Jr. Assistant Professor	(Chemistry)	1150—2270	1
"	(Fish Biology)	"	2
"	(Limnology)	"	1
"	(Microbiology)	"	1
Administrative Officer Gr. I		1950—2950	1
Section Officer		1100—2100	2
Sr. Gr. Assistant		975—1720	3
Asst. Gr. I		780—1320	6
Office Supdt. (FC & D)		1050—2000	3
Reference Assistant		1050—2000	1
Asst. Librarian		1100—2100	1
Clerical Assistant (Library)		780—1320	1
Tech. Grade II (Mechanic)		"	1
Driver (L. V.)		640—1000	3
Fieldman (Fisheries)		675—1125	2
Fisherman-cum-Watchman		675—1125	5
Peon		550—800	3
Class IV (Library Peon)		"	1
Sweeper-cum-Attendant		575—900	1
Lab Assistant Gr. III		640—1000	6
Cleaner-cum-Conductor		575—900	1
Bus Attendant		700—1140	1
Driver (H. V.)		780—1320	1
Part Time Sweeper		(Rs. 283+DA)	1
Pump Operator		640—1000	1
Esst. of Instructional Farm for Brackishwater Fish and Prawn Culture at Puduveyypu (Non-Plan)			
Assoc. Professor (Aqua)		1950—2950	1
Assistant Prof.		1500—2685	1
Junior Asst. Professor (Aqua)		1150—2270	1
Assistant Gr. I		780—1320	2
Fieldman (Fisheries)		675—1125	1
Farm Assistant (Agri.) Gr. II		"	2
Typist Gr. I		780—1320	1
Lab. Assistant Gr. III		640—1000	1
Pump Operator		640—1000	1
Faculty of Basic Science and Humanities (Plan)			
Dean		2450—3600+ Spl. pay Rs. 250	1
Professor (Physical Science)		2450—3600	1
" (Biological Science)		"	1
" (Soil Science)		"	1
" (Mathematics)		"	1
Assoc. Professor (Malayalam)		1950—2950	1
Asst. Professor (Botany)		1500—2685	1
" (Microbiology)		"	1
" (Bio Chemistry)		"	1
" (Chemistry)		"	1
" (Physics)		"	1
" (Maths. & Statistics)		"	1
" (Sociology)		"	1
" (Physiology)		"	1
" (Geology)		"	1
" (English)		"	1
" (French)		"	1

Assistant Professor (German)	1500—2685	1
" (Economics)	"	1
Jr. Asst. Professor (Economics)	1150—2270	1
Typist Gr. II.	675—1125	2
Instrumentation Centre (Plan)		
Assoc. Professor (Instrumentation)	1950—2950	1
Asst. Engineer (Electronics)	1050—2000	1
Instrumentation Engineer	1950—2950	1
Technician Grade I	780—1320	1
College of Forestry (Plan)		
Special officer	Rs. 2000 (consolidated)	1
Administrative officer	1500—2685	1
Jr. Asst. Professor (Forestry)	1150—2270	4
Section officer	1100—2100	1
Asst. Gr. II.	675—1125	2
Typist Gr. II.	"	1
Driver (LV)	640—1000	1
Peon	550—800	1
Post graduate studies (Plan)		
Director	2450—3600+	1
	Spl. pay Rs.250	
Typist Gr. I	780—1320+	1
	Spl, pay Rs. 100	
Driver (L. V.)	640—1000	1
Peon	550—800	1
College of Co-operation & Banking (Plan)		
Associate Dean	2450—3600+	1
	Spl. pay Rs. 150	
Professor (Co-operation)	2450—3600	1
Assoc. Professor (Commerce)	1950—2950	2
" (Management)	"	1
" (Co-operation)	"	1
" (Economics)	"	1
" (Quantitative method)	"	1
Asst. Professor	1500—2685	18
Jr. Asst. Professor	1150—2270	3
Administrative officer	1500—2685	1
Section Officer	1100—2100	1
Senior Grade Asst.	975—1720	1
Asst. Gr. I.	780—1320	1
Asst. Gr. II.	675—1125	3
Typist Gr. II	"	1
Typist Gr. I	780—1320	1
Peon	550—800	2
Duplicator Operator	640—1000	1
Driver (L. V.)	"	1
Kelappaji College of Agrl. Engineering & Technology, Tavanur (Plan)		
Advisor	2450—3600+	1
	Spl. pay Rs. 250	
Professor (Resources & Conservation Engg.)	2450—3600	1
" (Irrigation & Drainage Engg.)	"	1
" (Farm Power Machinery & Engg.)	"	1
" (Post harvest Technology)	"	1

Professor (Maths)	2450—3600	1
“ (Agro)	“	1
“ (Agrl. Engg.)	“	1
Assoc. Professor (Resources & Conservation Engg.)	1950—2950	2
“ (Irrigation & Drainage Engg.)	“	2
“ (Farm Power Machinery and Engg.)	“	2
“ (Post harvest Technology)	“	2
“ (Physics)	“	1
“ (Agri. Chem.)	“	1
“ (Agrl. Engg.)	“	1
Asst. Professor (Resources & Conservation Engg.)	1500—2685	3
“ (Irrigation & Drainage Engg.)	“	3
“ (Farm Power Machinery & Engg.)	“	3
“ (Post harvest Technology)	“	3
“ (Chemistry)	“	1
“ (Plant Physiology)	“	1
Jr. Asst. Professor (Maths)	1150—2270	1
“ (Civil Engg.)	“	1
“ (Elec. Engg.)	“	1
“ (Mech. Engg.)	“	1
Sr. Gr. Asst.	975—1720	2
Typist Sr. Grade	“	1
Asst. Gr. II.	675—1125	1
Draftsman Gr. II	825—1430	2
Trade Asst.	975—1720	5
Trade Asst.	825—1430	4
Lab. Asst. Grade III	640—1000	3
Pump Operator	“	2
Peon	550—800	4
P. T. Sweeper	Rs. 225 + DA	1
Driver (L. V.)	640—1000	2

College of Rural Home Science (Plan)

Professor	2450—3600	1
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	2
Admn. officer	1500—2685	1
Section Officer	1100—2100	1
Sr. Gr. Asst.	975—1720	1
Asst. Gr. II	675—1125	1
Typist Sr. Gr.	975—1720	1
Lab Asst. Gr. I	780—1320	1
“ “ Gr. II	675—1125	1
“ “ Gr. III	640—1000	1
Peon	550—800	1

Unit Project for Higher Education and Training in Food Science and Nutrition (Non-Plan)

Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	2
Audio visual Operator	975—1720	1
Driver (LV)	640—1000	1

Directorate of Students Welfare (Non-Plan)		
Director	2450—3600+	
	Spl pay Rs. 250	1
Dy. Director	1950—2950	1
“ (Academic matters and consulting)	“	1
Lady Jr. Asst. Professor (Phy Edn.)	1150—2270	1
Senior Grade Asst.	975—1720	1
Asst Gr. II	675—1125	1
Typist Gr. II	“	1
Peon	550—800	1
R. & V. N. C. C. Squadron		
Farrier		1
Saddler		1
Sr. Gr. Asst.	975—1720	1
Asst. Gr. I	780—1320	1
Asst. Gr. II	675—1125	1
Chowkidar	550—800	1
Peon	“	1
Directorate of Research (Non-Plan)		
Director of Research	2450—3600+	
	Spl. pay Rs. 250	1
Section Officer	1100—2100	2
Typist Sr. Grade	975—1720	3
Typist Gr. II	675—1125	1
Office Supdt. (FC & D)	1050—2000+	
	Spl. pay. Rs. 100	1
Sr. Gr. Assistant	975—1720	1
Asst. Gr. I	780—1320	2
Asst. Gr. II	675—1125	3
Driver (LV Gr. I)	675—1125+	
	CA 110/-	1
Hr. Grade Peon	575—900	2
Lab Asst. Gr. III	640—1000	1
RARS, Pilicode (Non-Plan)		
Professor	2450—3600	1
Asst. Professor	1500—2685	3
Jr. Asst. Professor	1150—2270	2
Section Officer	1100—2100	1
Sr. Gr. Asst.	975—1720	3
Asst. Gr. I	780—1320	3
Typist Sr. Grade	975—1720	1
Jeep Driver Gr. I	675—1125	1
Peon Hr. Gr.	640—1000	2
Peon	550—800	1
Rest House Keeper	“	1
Pump Operator	640—1000	1
Cook-cum-caretaker	675—1125	1
Sweeper-cum-sanitation worker	550—800	1
Farm Operations		
Farm Supervisor (Agri)	1050—2000	1
Sr. Gr. Farm Asst. (Agri)	975—1720	3
Oil Engine Driver Hr. Gr.	675—1125	1
Regular Mazdoor Hr. Gr.	640—1000	7
Watchman Spl. Gr.	“	1
Regular Mazdoor	575—900	18

**Coconut Research Station, Balaramapuram,
(Non-Plan)**

Professor	2450—3600	1
Asst. Professor	1500—2685	1
Admn. Assistant	1100—2100	1
Asst. Sr. Gr	975—1720	2
Typist Gr. I	780—1320	1
Peon	550—800	1
Watchman	"	2

Farm Operations

Farm Supervisor Gr. II	1050—2000	1
Farm Asst. Sr. Gr.	975—1720	1
Mazdoor	550—800	1

**Regional Agrl. Research Station, Kumarakom
(Non-Plan)**

Asst. Professor	1500—2685	1
Section Officer	1100—2100	1
Typist Sr. Gr.	975—1720	1
Asst. Sr. Gr.	"	1
Asst. Gr. II	675—1125	1
Jr. Asst. Professor (Agro)	1150—2270	1
Peon Hr. Gr.	640—1000	1
Watchman Hr. Gr.	575—900	1
Watchman	550—800	1
Driver (LV)	640—1000	1
Sweeper-cum-Attendant	550—800	1
Pump Operator Gr. II	640—1000	2
Bus Attendant	700—1140	1

Farm Operations

Farm Supervisor Gr. I	1100—2100	1
Farm Assistant (Agri) Sr. Gr.	975—1720	2
" Gr. II	675—1125	1

**Integrated Research Project on Mixed Farming
(Non-Plan)**

Jr. Assistant Professor (Aqua)	1150—2270	1
Asst. Gr. I	780—1320	1
Watchman	550—800	1

Farm Operations

Farm Asst. (Vety) Gr. I	780—1320	1
Fisherman	575—900	3

Regional Agrl. Research Station, Pattambi (Non-Plan)

Assoc. Professor (Botany & Chem)	1950—2950	2
Asst. Professor (Plant Patho. & Agro.)	1500—2685	2
Jr. Asst. Professor	1150—2270	4
Section Officer	1100—2100	2
Sr. Office Supdt. (FC & D)	"	1
Office Supdt.	1050—2000	1
Sr. Gr. Typist	975—1720+	1
	Spl. pay Rs. 60	
Sr. Gr. Asst.	975—1720	5
Asst. Gr. I	780—1320	2
Asst. Gr. II	675—1125	2
Lab. Asst. Hr. Gr.	975—1720	2

Clerical Asst. (H. G.)	975—1720	1
Lab Assistant Gr. III	640—1000	3
Peon (H. G.)	640—1000	2
Electrician	675—1125	1
Peon (H. G.)	575—900	1
Farm Operations		
Farm Supervisor Gr. I	1100—2100	2
Farm Supervisor Gr. II	1050—2000	1
Farm Asst. (Agri.) Sr. Gr.	975—1720	6
Farm Asst. Gr. I	780—1320	1
Farm Assistant (Agri.) Gr. II	675—1125	2
Technician Gr. II	780—1320	1
Tractor Driver	675—1125	1
Head Peon	640—1000	1
Regular Mazdoor (H. G.)	"	10
-do-	575—900	2
Regular Mazdoor	550—800	11
Watchman	575—900	1
Watchman	550—800	3
Evaluation of Rice based Mixed Farming Model Pattambi		
Farm Supervisor (Vety) Gr. I	1100—2100	1
Farm Asst. (Vety) Gr. I	780—1320	1
Rice Research Station, Kayamkulam (Non-Plan)		
Professor (Ento)	2450—3600	1
" (Botany)	"	1
Assoc. Professor	1950—2950	1
Asst. Professor (Agro)	1500—2685	1
" (Plant Pathology)	"	1
Jr. Asst. Professor (Ento & P. P.)	1150—2270	1
Admn. Assistant	1100—2100	1
Assistant Gr. I	780—1320	2
Typist Gr. I	"	1
Lab. Asst. Gr. III	640—1000	2
Watchman	575—900	1
Watchman	550—800	1
Peon	550—800	1
Farm Operations (Non-Plan)		
Farm Supervisor Gr. I (Agri.)	1100—2100	1
Farm Asst. Sr. Gr.	975—1720	1
Farm Assistant Gr. I	780—1320	2
Regular Mazdoor	550—800	2
Rice Research Station, Vyttila (Non-Plan)		
Professor	2450—3600	2
Admn. Assistant	1100—2100	1
Assistant Sr. Gr.	975—1720	1
Assistant Grade I	780—1320	1
Peon (H. G.)	640—1000	1
Watchman	550—800	1
Peon	"	1
Pump Operator	640—1000	1
Farm Operations		
Farm Supervisor Gr. II	1050—2000	1

Farm Assistant (Agri.) Gr. I	780—1320	1
" Grade II	675—1125	1
Farm Assistant Sr. Gr.	975—1720	1
Rice Research Station, Moncompu (Non-Plan)		
Professor	2450—3600	1
Assoc. Professor	1950—2950	(NP) 1
Asst. Professor (Ento)	1500—2685	1
" (Agrl. Chem. & Botany)	"	1
Administrative Assistant	1100—2100	1
Asst. Gr. I	780—1320	2
Asst. Gr. II	675—1125	1
Sr. Gr. Assistant	975—1720	1
Typist Gr. I	780—1320	1
Lab. Assistant Gr. I	"	1
Peon	550—800	2
Watchman	"	2
Fisherman-cum-Watchman	"	1
Sweeper-cum-Attendant	"	1
Farm Operations		
Farm Supervisor Gr. I	1100—2100	1
Farm Assistant Sr. Gr.	975—1720	2
Farm Assistant Gr. I	780—1320	1
Field Supervisor	675—1125	1
Regional Agricultural Research Station, Ambalavayal (Non-Plan)		
Assistant Professor (Ento.)	1500—2685	1
" (Agro)	"	1
" (Botany)	"	1
Section Officer	1100—2100	1
Assistant Sr. Gr.	975—1720	2
Assistant Gr. II	675—1125	2
Typist Sr. Grade	975—1720	1
Jeep Driver (LV)	640—1000	1
Peon (HG)	640—1000	3
Watchman (HG)	"	2
Watchman	550—800	1
Record Keeper	700—1140	1
Farm Operations		
Farm Supervisor Gr. I	1100—2100	1
Farm Supervisor Gr. II (Agri)	1050—2000	1
Farm Asst. Sr. Gr.	975—1720	2
" Gr. I	780—1320	1
" Gr. II	675—1125	3
Oil Engine Driver	640—1000	1
Tractor Driver Gr. II	675—1125	1
Field Supervisor Gr. II	575—900	1
Regular Mazdoor Spl. Gr.	640—1000	4
" (HG)	575—900	4
" (HG)	550—800	4
Budder (HG)	640—1000	1
Pepper Research Station, Panniyur (Non-Plan)		
Professor	2450—3600	1
Assistant Professor	1500—2685	2

Junior Assistant Professor	1150—2270	1
Admn. Assistant	1100—2100	1
Assistant Sr. Gr.	975—1720	1
Assistant Gr. i.	780—1320	1
Typist Gr. II	675—1125	1
Peon (HG)	640—1000	1
Farm Operations		
Farm Supervisor Gr. II	1050—2000	1
Farm Assistant Sr. Gr.	975—1720	1
Farm Assistant Gr. I	780—1320	1
Field Supervisor	675—1125	1
Watchman	550—800	2
Cashew Research Station, Anakkayam (Non-Plan)		
Junior Assistant Professor	1150—2270	1
Assistant Gr. I	780—1320	1
Peon	575—900	1
Farm Operations		
Farm Assistant Sr. Gr.	975—1720	1
Regular Mazdoor	550—800	1
Mali	"	1
Banana Research Station, Kannara (Non-Plan)		
Administrative Assistant	1100—2100	1
Asst. Gr. II	675—1125	1
Driver Gr. I	"	1
Peon (HG)	575—900	1
Watchman	550—800	1
Pump Operator	640—1000	1
Farm Operations		
Farm Supervisor (Agri) Gr. II	1050—2000	1
Farm Assistant (Agri) Gr. I	780—1320	1
Aromatic and Medicinal Plants Res. Station, Odakkali (Non-Plan)		
Asst. Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	2
Admn. Assistant	1100—2100	1
Graduate Lab. Assistant	"	
Lab. Assistant	1050—2000	1
Lad Asst. Gr. III	780—1320	1
Typist Gr. II	675—1125	1
Assistant Gr. I	780—1320	1
Asst. Sr Gr.	975—1720	1
Peon (H. G.)	640—1000	1
Watchman	550—800	1
Sweeper-cum-Attender	"	1
Farm Operations		
Farm Supervisor Gr. II (Agri.)	1050—2000	1
Farm Asst. (Agri.) Sr. Gr.	975—1720	2
Permanent Labourer	550—800	2
Cardamom Research Station, Pampadumpara (Non-Plan)		
Assistant Professor (Ento.)	1500—2685	1
" (Agrl. Chem)	"	1
Jr. Asst. Professor (Horti.)	1150—2270	1
" (Plant Pathology)	"	1

Admn. Assistant	1100—2100	1
Asst. Grade I	780—1320	1
„ Grade II	675—1125	1
Typist Gr. II	„	1
Driver Gr. II (LV)	640—1000	1
Watchman	550—800	4
Farm Operations		
Farm Supervisor Gr. II	1050—2000	1
Farm Assistant (Agri. Sr. Gr.)	975—1720	1
Agronomic Research Station, Chalakudy (Non-Plan)		
Admn. Assistant	1100—2100	1
Asst. Gr. II	675—1125	1
Farm Operations		
Farm Supervisor Gr. I	1100—2100	1
Oil Engine Driver-cum-Pump Operator	640—1000	1
Ploughman	550—800	1
CSRC Karamana (Non-Plan)		
Jr. Asst. Professor	1150—2270	1
Admn. Assistant	1100—2100	1
Peon (H. G.)	575—900	1
Chowkidar	550—800	1
Part-time-Sweeper	Rs. 225+D.A.	1
Cashew Research Station, Main Campus (Non-Plan)		
Asst. Gr. I	780—1320	1
Mali	550—800	1
- NARP-Strengthening the Directorate of Research (Plan)		
Associate Director	2450—3600+	3
	Spl. pay Rs. 100	
Typist Grade I	780—1320	1
„ Grade II	675—1125	1
Duplicator Operator	„	1
Photographer-cum-Artist	850—1600	1
Driver (LV)	675—1125	1
Peon	550—800	1
Monitoring and Evaluation Wing (Plan)		
Associate Director of Research (Vety. & Animal Sciences)	2450—3600+	1
	Spl. pay Rs. 100	
Assistant Professor (Stat.)	1500—2685	1
NARP--RARS, Pilicode		
Associate Director	2450—3600+	1
	Spl. pay Rs.100	
Professor (Horti/Soil Science)	2450—3600	2
Assoc. Professor (Agro)	1950—2950	1
„ (Agronomy)	„	1
„ (Physiology)	„	1
„ (Irrigation Engg.)	„	1
„ (Plant Pathology)	„	1
„ (Plant Breeding)	„	1
„ (Entomology)	„	2
„ (Microbiology)	„	1

Assoc. Professor (Genetics)	1950—2950	1
.. (Horticulture)	"	1
.. (Statistics)	"	1
.. (Economics)	"	1
.. (Oil Technology)	"	1
.. (Meteorology)	"	1
Asst. Professor (Agronomy)	1500—2685	1
.. (Plant Pathology)	"	1
.. (Entomology)	"	1
.. (Horticulture)	"	1
.. (Economics)	"	1
Farm Asst. (Agri.) Gr. I	780—1320	5
Lab Asst. Gr. III	640—1000	6
Tractor Driver (Gr. I)	675—1125	1
Photographer-cum-Artist	850—1600	1
Admn. Officer	1500—2685	1
Typist Gr. I	780—1320	2
Typist Gr. II	675—1125	2
Peon	550—800	2
Driver (LV)	675—1125	1
NARP—Tavanur Centre		
Asst. Professor (Agro)	1500—2685	1
.. (Plant Breeding)	"	1
.. (Irrigation Engg)	"	1
Radio Tracer Laboratory (Plan)		
Professor (R. T.)	2450—3600	1
Assoc. Professor (Safety)	1950—2950	1
Lab Assistant	640—1000	1
Sugarcane Research Scheme, Thiruvalla and Chittoor (Plan)		
Assoc. Professor	1950—2950	1
Jr. Asst. Professor	1150—2270	3
Senior Gr. Assistant	975—1720	1
Asst. Gr. I	780—1320	1
Typist Sr. Gr.	975—1720	1
Driver Gr. II	640—1000	1
Watchman	550—800	1
Peon	"	1
Farm Operations		
Farm Supervisor	1050—2000	1
Farm Assistant Gr. II (Agri)	675—1125	1
Investigation of root wilt disease of coconut (Plan)		
Professor (Plant Pathology, Nematology, Agri Chemistry and Agronomy)	2450—3600	4
Assoc. Professor (Che. Ento. and Plant Pathology)	1950—2950	3
Asst. Professor (Agro. Pl. Pathology, Agrl. Bot. Agrl. Chem. Nematology)	1500—2685	7
Jr. Asst. Professor	1150—2270	8

Tech. Assistant	975—1720	2
Centre of Excellence for Tropical Soils, Vellayani		
Director	2450—3600+ Spl. pay Rs. 250	1

NARP—Strengthening of Regional Res. Station, Vellayani and a Station at Kottarakkara (Plan)

Associate Director	2450—3600+ Spl. pay Rs. 100	1
Associate Professor	1950—2950	*5
Assistant Professor	1500—2685	10
Admn. Officer	"	1
Photographer	850—1600	1
Lab Asst. Gr. I	780—1320	2
Typist Gr. I	"	3
Farm Assistant Gr. I	"	5
Asst. Gr. I	"	1
Asst. Gr. II	675—1125	1
Duplicator Operator	640—1000	1
Driver	"	1
Driver (H. V.)	740—1245	1
Tractor Driver	640—1000	1

NARP—Strengthening of Regional Research Station, Kumarakom and Sub Stations at Kayamkulam, Vyttila, Moncompu and Kole Land (Plan)

Kumarakom

Associate Professor (Fish. Extn. Eco. Soil Science)	1950—2950	**4
Assistant Professor (Ento)	1500—2685	***1
" (Plant Breeding)	"	1
" (Microbiology)	"	1
" (Bio Chemistry)	"	1
" (Fish)	"	1
" (Plant Pathology)	"	1
" (Weed Science)	"	1
" (Agrl. Engg.)	"	2
" (Horti.)	"	2
Administrative Officer	"	1
Asst. Gr. I	780—1320	2
Typist Gr. I	"	2
Typist Gr. II	675—1125	1
Peon	550— 800	2
Duplicator Operator	640—1000	1
Lab Asst. Gr. III	"	6
Driver	675—1125	1
Boat Driver	640—1000	1
Syrang	"	1
Tractor Driver	"	1

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- * Four norms promotee Professors are continuing against the post of Associate Professor
 - ** Three norms promotee Professors are officiating against the post of Associate Professor
 - *** One norms promotee Associate Professor is officiating against the post of Asst. Professor

Artist	850—1600	1
Photographer	"	1
Moncompu Centre		
Associate Professor (Ento)	1950—2950	1
Assistant Professor (Soil Science)	1500—2685	1
" (Extn.)	"	1
" (Plant Breeding)	"	1
" (Plant Pathology)	"	2
" (Plant Physiology)	"	1
Lab Assistant Gr. III	640—1000	4
Boat Driver	"	1
Syrang	"	1
Kayamkulam Centre		
Asst. Professor (Agrl. Engg.)	1500—2685	1
Jr. Asst. Professor (Agrl. Botany)	1150—2270	1
Vyttila Centre		
Assistant Professor (Soil Science)	1500—2685	1
Kole Land (A. R. S. Mannuthy)		
Assistant Professor (Agro)	1500—2685	1
Jr. Asst. Professor (Plant Breeding)	1150—2270	1
NARP—Strengthening Regional Research Station, Pattambi with Centre at Mannuthy and a Station at Eruthiampathy (Plan) Pattambi Centre		
Associate Director	2450—3600+ Spl. pay Rs. 100	1
Professor	2450—3600	1
Associate Professor (Agro. Eco. Agrl. Engg. and Soil Conservation)	1950—2950	4
Asst. Professor (Agro-2, and 1 each in P. B. Soil Science, Ento, Agrl. Eco., Extn., Horti., Agri. Engg, Soil Conservation)	1500—2685	10
Administrative Officer	"	1
Typist Gr. II	675—1125	2
Duplicator Operator	640—1000	1
Laboratory Attender	"	2
Tractor Driver	"	1
Photographer	850—1600	1
Driver	640—1000	1
Driver	780—1320	1
Peon	550—800	1
Mannuthy Centre		
Associate Professor (Agro)	1950—2950	*1
" (Plant Breeding)	"	1
Asst. Professor (Agrl. Engg.)	1500—2685	1
Senior Technician	825—1430	1
Design Engineer	1250—2500	1

*One norms promotee Professor Officiating against the post of Associate Professor

Senior Draftsman	825—1430	1
Technician Gr. III	675—1125	2
Workshop Attender	640—1000	1
Lab Assistant Gr. III	"	1

NARP Eruthiampathy

Associate Professor (Agro)	1950—2950	1
Assistant Professor (P. B.)	1500—2685	1
Farm Asst. (Agri.) Gr. I	780—1320	1
Lab Assistant.	675—1125	4
Typist	"	2
Farm Asst. Gr. II	"	8
Jeep Driver	640—1000	2

Agricultural Research ICAR Schemes

AICRP on Nematode pests and their Control, Vellayani

Assoc. Professor*	1950—2950	1
Jr. Asst. Professor	1150—2270	2
Farm Asst. (Agri.) Gr. II	675—1125	1
Lab Asst. Gr. III	640—1000	1

Scheme for Research on Forage Crops, Vellayani

Associate Professor**	1950—2950	1
Asst. Professor (P.B)***	1500—2685	1
" (Agro)	"	1
Jr. Asst. Prof. (Agro.)	1150—2270	1
" (P.B)	"	1
Farm Assistant (Agri.) Gr. I	780—1320	1
" Gr. II	675—1125	2
Assistant Gr. II	"	1
Typist Gr. II	"	1
Peon	"	1
Lab Asst. Gr. III	550—800	1
	640—1000	1

AICRP on Biological Control of crop pests, Vellanikkara

Associate Professor****	1950—2950	1
Jr. Asst. Professor	1150—2270	2
Tech. Assistant	975—1720	1
Farm Assistant (Agri.) Gr. I	780—1320	1

AIC Vegetable Improvement Project, Vellanikkara

Asst. Prof. (Plant Path.)	1500—2685	1
Asst. Professor (Hort./Veg. Breeding)	1500—2685	1
" (Hort./Agronomy)	"	1
Farm Assistant (Agri) Gr. I	780—1320	4

* Norms promotee Professor working against the post of Assoc. Professor

** Norms promotee Professor continuing in the post of Assoc. Professor subject to ICAR sanction

*** Norms promotee Assoc. Prof. continuing in the post of Asst. Prof subject to ICAR sanction

**** Norms promotee Professor continuing in the post of Assoc. Prof.

NSP Breeder Seed Production Unit, Pattambi

Asst. Professor	1500—2685	1
Mechanic	675—1125	1

AIC Rice Improvement Project, Double Cropping Centre, Pattambi

Assoc. Professor (Botany, Agro, Ento and Plant Pathology)	1950—2950	4
Asst. Professor (Plant Pathology)	1500—2685	4
Farm Assistant (Agri.) Gr. I	780—1320	4
Tractor Driver	675—1125	2

AICRP on intensification of Research on Improvement of Pulses, Pattambi

Asst. Professor (Agro & Bot.)	1500—2685	2
Jr. Asst. Professor	1150—2270	4
Assistant Gr. I	780—1320	1
Typist Gr. II	675—1125	1
Farm Assistant Gr. II	"	2
Lab Asst. Gr. II	640—1000	1
Peon (H. G.)	575—900	1
Sweeper	550—800	1

NARP Sub Project for High Range Region at Ambalavayal and Sub-Station at Pampadumpara

Assoc. Director	2450—3600+	1
	Spl. pay Rs. 100	
Associate Professor (Agro.)	1950—2950	1
Asst. Professor (Hort.)	1500—2685	1
" (Plant Breeding)	"	1
" (Hort. Propagation)	"	1
" (Agri. Economics)	"	1
Assistant Gr. II	675—1125	1
Typist Gr. I (Steno.)	780—1320+	1
	Spl. pay Rs. 60	
Farm Assistant Gr. II	675—1125	2
Lab Asst. Gr. III	640—1000	1
Driver (LV) Gr. II	"	1
Typist Gr. II	675—1125	1

KAU Post

Admn. Officer	1500—2685	1
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Pampadumpara

Asst. Professor (Plant Breeding)	1500—2685	1
" (Agri. Extn.)	"	1
Farm Asst. (Agri.) Gr. I	780—1320	1
Typist Gr. II	675—1125	1

**AIC Spices and Cashew Improvement Project—
Research on Pepper**

Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	3
Farm Asst (Agri.) Gr. II	675—1125	3
Lab Asst. (Hr. Grade)	1050—2000	1
Jeep Driver Gr. I	675—1125	1
Peon	550—800	1

**AICFIP—Centre for Banana Bunchy Top Disease
and Pineapple, Kannara**

Assoc. Professor	1950—2950	1
Asst. Professor (Hort.)	1500—2685	2
" (Ento.)	" "	1
" (Plant Pathology)	" "	1
Jr. Asst. Professor	1150—2270	2
Farm Asst. (Agri.) Gr. II	675—1125	4
Typist Gr. II	" "	1
Lab Asst. (Agri.)	" "	1
Oil Engine Driver	" "	1
Mali	550—800	2
Watchman	" "	2
Peon	" "	1

**Spices and Cashew Improvement Project—
Research on Cardamom**

Assoc. Professor (Plant Parh.)	1950—2950	1
" (Agro.)	" "	1
" (Botany)	" "	1
Asst. Professor (Ento.)	1500—2685	1
Farm Assistant Gr. II	675—1125	1
Lab Assistant Gr. II	" "	1
Peon (H. G.)	640—1000	1

**Integrated Project for Research on Water
Management and Soil Salinity, Chalakudy**

Chief Scientist/Professor of Agronomy	2450—3600	1
Assoc. Professor (Agri. Chem.)	1950—2950	1
" (Agronomy)	" "	1
" (Engg.)	" "	1
Asst. Professor (Agro.)	1500—2685	1
" (Chemistry)	" "	1
" (Soil Physics)	" "	1
" (Agrl. Engg.)	" "	1
Farm Assistant (Agri.) Gr. I	780—1320	1
" (Gr. II)	675—1125	2
Assistant Gr. I	780—1320	1
Lab. Asst. Gr. III	640—1000	1
Driver (LV)	" "	1
Peon	550—800	1

**NARP Sub Project on Water Management Studies
in the Central Region on Kerala, Chalakudy and
Eruthiampathy**

Asst. Professor (Agronomy)	1500—2685	2
" (Soil Physics)	" "	1
" (Agrl. Engg.)	" "	1
Farm Asst. (Agri.) Gr. I	780—1320	3
Lab. Asst. Gr. II	675—1125	1
Driver LV Gr. II	640—1000	1
Typist Gr. II	675—1125	1

AICRP on cropping pattern, Karamana

Professor	2450—3600	1
Assoc. Professor	1950—2950	*1
Asst. Professor	1500—2685	3
Jr. Asst. Professor	1150—2270	2
Farm Asst. (Agri.) Gr. I	780—1320	11
Asst. Gr. II	675—1125	2
Typist Gr. II	675—1125	1
Tech. Asst. (Stat.)	975—1720	1
Jeep Driver	640—1000	1
Watchman	550—800	1
Messenger	"	1

**AIC Rice Improvement Project—Double Cropping
Sub Centre, Mannuthy**

Asst. Professor (Bot.)	1500—2685	1
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AISCIP—Research on Cashew, Madakkathara

Associate Professor	1950—2950	*1
Asst. Professor (Ento.)	1500—2685	1
Jr. Asst. Professor (Hort.)	1150—2270	1
Farm Asst. (Agri.) Gr. II	675—1125	1
Asst. Gr. II	"	1
Mali	550—800	1

AICRIP Moncompu Centre

Asst. Professor (Agri. Bot.)	1500—2685	**1
" (Agro.)	"	1
" (Ento.)	"	**1
Jr. Asst. Professor (Agro.)	1150—2270	2

ORP on Integrated Control of Rice Pests in Kuttanad

Assoc. Professor (Ento.)	1950—2950	***1
Asst. Professor (Plant Pathology)	1500—2685	1
Jr. Asst. Professor	1150—2270	1
Jr. Statistician	1500—2685	1
Boat Driver	640—1000	1
Jeep Driver	"	1
Boat Helper	550—800	1

**AIC Spices and Cashew Improvement Project
Research on Ginger, Vellanikkara**

Associate Professor (Agri. Hort.)	1950—2950	1
Asst. Professor (Ento.)	1500—2685	1
" (Plant Pathology)	"	1

AIC Floriculture Improvement Project

Assoc. Professor	1950—2950	1
Jr. Asst. Professor	1150—2270	1
Mali	550—800	2

* Norms promotee Professor continuing against the post of Assoc. Professor

** Norms promotee Assoc. Professor working against the post of Asst. Professor

*** Professor continuing subject to ICAR sanction

AIC Research Project on Sugarcane, Thiruvalla		
Associate Professor	1950—2950	1
Jr. Asst. Professor	1150—2270	1
Farm Asst. Gr. I	780—1320	1
Survey, appraisal and control of major diseases of Sugarcane		
Asst. Professor (Plant Pathology)	1500—2685	1
Res. Fellow	Rs. 600 (consolidated)	1
AICRP on Agrl. Drainage under actual farming conditions in Watershed basis, Karumadi		
Assoc. Professor (Agrl. Engg.)	1950—2950	1
Asst. Professor (Agro.)	1500—2685	1
" (Agrl. Engg.)	" "	1
Draftsman Gr. II (Civil)	700—1140	1
Overseer Gr. I (Civil)	825—1430	1
Farm Asst (Agri) Sr. Gr.	975—1720	1
Farm Asst. ((Agri) Gr. II	675—1125	2
Technician Gr. III (Mech.)	" "	2
Typist Gr. I	780—1320	1
Asst. Gr. I	" "	1
Peon	550—800	1
Watchman	" "	1
Jeep Driver	640—1000	1
Lab Asst. Gr. II	675—1125	1
AICRP on Medicinal and Aromatic Plants, Vellanikkara		
Assoc. Professor (Pl. Breeding, Agrl. Bot.)	1950—2950	1
Asst. Professor (Agrl. Che., Bio. Che.)	1500—2685	1
" (Agrl. Bot., Agro.)	" "	1
Farm Asst (Agri.) Gr. I	780—1320	1
Lab. Asst. Gr. II	675—1125	1
Peon	550—800	1
Adhoc Scheme—Development of Improved varieties of Sesamum and Groundnut suited to the Rice fallowed in the Onattukara region		
Asst. Professor (PB)	1500—2685	1
Farm Asst (Agri.) Gr. II	675—1125	2
Cyst Nematode Heterodera oryzicola infesting Rice in Kerala		
Asst Professor (Nematology)	1500—2685	1
Jr. Research Fellow	Rs. 400 (consolidated)	2
Breeding for resistance to bacterial wilt in Chilli and Brinjal		
Assoc. Professor	1950—2950	1
Farm Assistant (Agri.) Gr. II	675—1125	1
Investigation on the ethiology of yellow leaf diseases of Arecanut		
Research Associate	Rs. 1100 (consolidated)	1
AIC Research Project on Oilseeds—Research on Groundnut and Sesamum, Vellayani		
Assistant Professor (P.B.)	1500—2685	1
" (Agro.)	" "	1
Farm Assistant (Agri.) Gr. II	675—1125	1
Lab Asst. Gr. III	640—1000	1

AICRP on Pesticide Residues		
Assoc. Professor (Ento.)	1950—2950	1
Assistant Professor (Ento./Agri. Chem.)	1500—2685	3
Lab Asst. Gr. III	640—1000	2
Estt. of Central Nursery for hybrid pepper Panniyur & Vellanikkara		
Farm Assistant (Agri.) Grade II	675—1125	2
Microbial Association and Forest Eco-System of Kerala		
Junior Research Fellow	Rs. 800 (consolidated)	2
Lab Asst.	Rs. 700 (")	1
AICRP on Weed control in Plantation crops		
Assistant Professor (Agro.)	1500—2685	1
Junior Assistant Professor (Agro.)	1150—2270	1
Farm Assistant Gr. II (Agri.)	675—1125	1
Typist Gr. II	"	1
Driver (L. V.)	640—1000	1
Project on Mushroom flora of Kerala		
Research Fellow	Rs. 950 (consolidated)	1
USDA Scheme—Standardisation of tissue/apical meristem culture techniques in horticultural crops of Kerala		
Asst. Professor (Hort.)	1500—2685	1
Jr. Asst. Professor (Hort.)	1150—2270	1
Typist (Sr. Gr.)	975—1720	1
Lab Asst. Gr. I	780—1320	1
Direct use of Udaipur rockphosphate in the acid soils of Kerala		
Research Associate	Rs. 1200 (consolidated)	1
Jr. Research Fellow	Rs. 700 " "	2
Project on Electronics in Agriculture—Vellanikkara		
Professor (Soil Science, Agri. Che)	2450—3600	1
Assistant Professor (Agro.)	1500—2685	1
" (Agri. Engg. Post Harvest Engg.)	"	1
Tech. Asst. (Electronics)	975—1720	1
Lab. Asst. Gr. I	780—1320	1
Farm Asst. (Agri) Sr. Gr.	975—1720	1
Assistant Gr. II	675—1125	1
Driver H. V.	780—1320	1
Bus Attendant	700—1140	1
Peon	550—800	1
Cadburies Cocoa Research Centre, Vellanikkara		
Professor (Hort, Plant Breeding, Agro)	2450—3600	1
Farm Asst. (Agri) Gr. I	780—1320	1
Farm Asst. (Agri) Gr. II	675—1125	1
Assistant Gr. II	"	1
Driver	640—1000	1
Vety. Research (Non-Plan)		
Mobile Vety. Dispensary		
Driver Gr. II	780—1320	1
Cleaner-cum-Conductor (Spl. Gr.)	640—1000	1

University Vety. Hospital Trichur (Non-Plan)

Farm Supervisor (H. G.)	1150—2270	1
Farm Asst. (Vety.) Gr. II	675—1125	1
Assistant Sr. Gr.	975—1720	1
Attendant Spl. Gr. I	640—1000	1
Attendant Gr. I	"	1
Sweeper-cum-Scavenger	575—900	1
Permanent Servant	550—800	1

Livestock Research Station, Thiruvazhamkunnu (Non-Plan)

Assoc. Professor (Animal Reproduction)	1950—2950	1
" (Animal Nutrition)	"	1
Asst. Professor (Genetics)	1500—2685	2
Jr. Assistant Professor	1150—2270	3
Administrative Assistant	1100—2100	1
Sr. Gr. Assistant	975—1720	1
Asst. Gr. I	780—1320	1
Assistant Gr. II	675—1125	3
Typist Gr. II	"	1
Lab Assistant/Technician Gr. II	"	1
Driver Gr. I	"	1
Driver Gr. II	640—1000	1
Peon (Special Grade)	"	1
Peon (Higher Grade)	575—900	1
Watchman	550—800	7
Pump Operator	640—1000	2

Farm Operations

Farm Supervisor (Agri) Gr. II	1050—2000	1
Farm Supervisor (Vety.) Gr. II	"	1
Farm Assistant (Agri.) Gr. I	780—1320	1
" Gr. II	675—1125	3
Farm Asst. (Vety) Sr. Grade	975—1720	2
" Gr. II	675—1125	2
Tractor Driver Gr. II	640—1000	1
Technician Gr. II	780—1320	1
Field Supervisor (Class IV)	640—1000	1
Maistry	550—800	2
Mazdoor (H. G.)	640—1000	4
Mazdoor	550—800	5

Uty. Livestock Farm, Mannuthy (Non-Plan)

Professor (Nutrition)	2450—3600	1
Jr. Assistant Professor (Dairy Science)	1150—2270	1
Admn. Assistant	1100—2100	1
Asst. Gr. I	780—1320	1
Asst. Gr. II	675—1125	2
Typist Gr. I	780—1320	1
Permanent Servant	550—800	1
Watchmen	"	1

Farm Operations

Farm Asst. Sr. Gr.	975—1720	2
Farm Asst. Gr. II	675—1125	2
Pump Operator	640—1000	1
Permanent Servant Gr. I	575—900	1
" Gr. II	550—800	2

Fodder Research & Development Centre, Mannuthy (Non-Plan)		
Assistant Prof.	1500—2685	1
Junior Asst. Professor	1150—2270	1
Farm Supervisor (Agri)	1050—2000	1
Typist Gr. I	780—1320	1
Farm Assistant (Agri) Gr. I	"	1
(Vety) Sr. Gr.	975—1720	1
Watchman	575—900	1
Lab. Assistant Gr. III	640—1000	1
Cattle Breeding Farm, Thumburmuzhi (Non-Plan)		
Asst. Professor	1500—2685	1
Asst. Gr. I	780—1320	1
Asst. Gr. II	675—1125	1
Farm Operations		
Farm Supervisor (Agri)	1100—2100	1
" (Vety)	1050—2000	2
Farm Assistant Sr. Gr.	975—1720	1
" Gr. II	675—1125	1
Pharmacist	975—1720	1
Pump Operator	640—1000	1
Peon (H. G.)	"	1
Herdsman	"	3
"	575—900	2
Shade Studies on coconut based intercropping situation (ICAR-Adhoc)		
Res. Associate	Rs. 1600 (consolidated)	1
Jr. Research Fellow	Rs. 700 (")	1
Farm Assistant (Agri.) Gr. I	780—1320	1
Developing monosomics and trisomics in Cucumber and locating genes on chromosomes (ICAR-Adhoc)		
Jr. Asst. Professor (Hort.)	1150—2270	1
Sr. Research Fellow	Rs. 900 (consolidated)	1
Poultry and Duck Farm, Mannuthy (Non-Plan)		
Jr. Asst. Professor	1150—2270	1
Admn. Assistant	1100—2100	1
Sr. Gr. Assistant	975—1720	1
Assistant Gr. II	675—1125	1
Peon (H. G.)	640—1000	1
Watchman	550—800	1
Farm Operations		
Farm Supervisor	1050—2000	1
Farm Asst. (Gr. II)	675—1125	2
Poultry Attendant (H G)	640—1000	1
Poultry Attendant	550—800	2
Pig Breeding Farm, Mannuthy (Non-Plan)		
Asst. Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	1
Admn. Assistant	1100—2100	1
Assistant Gr. I	780—1320	1
Assistant Gr. II	675—1125	1
Higher Gr. Peon	575—900	1
Watchman	550—800	1

Farm Operations		
Farm Supervisor	1050—2000	1
Farm Assistant	780—1320	1
Pump Operator	640—1000	1
Pig Attendant	550— 800	2
Selection Management studies in Japanese quails for Meat Production (Plan)		
Farm Assistant (Vety) Gr. II	675—1125	1
Fodder Development Centre, Mannuthy (Plan)		
Farm Supervisor (Vety.) Gr. II	1050— 2000	1
Assistant Gr. II	675—1125	1
Tractor Driver	640—1000	1
Study on Incidence, Nature and Magnitude for prevalence of infertility conditions among Cross-bred Cattle in Kerala (Plan)		
Main Centre, Mannuthy		
Professor	2450—3600	1
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	2
Typist/Asst.	675—1125	1
Calicut Centre		
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	1
Jr. Asst. Professor	1150—2270	1
Farm Assistant Gr. II	675—1125	1
Typist/Asst.	"	1
Lab Technician	"	1
Lab Attendant	640—1000	1
Peon	550— 800	1
Driver	640—1000	1
Kottarakkara Centre		
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	1
Jr. Assistant Professor	1150—2270	1
Farm Assistant	675—1125	1
Typist/Asst.	"	1
Lab Technician	"	1
Lab Attendant	640—1000	1
Peon	550— 800	1
Driver	640—1000	1
Restraint of animals by Pharmacological methods using Projectile Syringes		
Senior Scientist	2450—3600	1
Centre of Excellence in Animal Diseases		
Director	2450—3600+	1
	Spl. pay Rs. 250	
Professor	2450—3600	1
Assoc. Professor	1950—2950	2
Stenographer	780—1320	1
Asst. Gr. II	675—1125	1
Farm Asst. Sr. Gr.	975—1720	1
Farm Assistant Gr. I	780—1320	2
Class IV	550—800	1

Centre of Advanced Studies in Poultry Science

Director	2450—3600+	1
	Spl. pay Rs. 250	
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	2

Centre of Advanced Studies in Animal Genetics & Breeding.

Director	2450—3600+	1
	Spl. pay Rs.250	
Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	1
Typist Gr. II	675—1125	1

Veterinary Research (ICAR) AICRP on Agrl. Bye-Products

Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	1
Lab Technician	780—1320	1
Farm Assistant (Vety.) Gr. I	780—1320	3
Asst. Gr. II	675—1125	1
Mechanic Gr. II	780—1320	1
Lab. Attendant	550—800	1
Lab Technician Gr. I	780—1320	1
Livestock Attendant	550—800	1
Driver	640—1000	1

Co-ordinated Research Project on Goats

Geneticist/Assoc. Professor	1950—2950	1
Asst. Professor	1500—2685	2
Junior Asst. Professor	1150—2270	4
Technical Assistant (Stat.)	975—1720	1
Farm Assistant/Lab Technician Gr. II	675—1125	4
Assistant Gr. I	780—1320	1
Assistant Gr. II	675—1125	2
Driver Gr. I	"	1
Animal Attendant	550—800	15
Messenger	"	1

AICRP on Poultry, Mannuthy

Senior Scientist/Professor of Poultry Science	2450—3600	1
Assistant Professor	1500—2685	2
Jr. Asst. Professor (Sr. Res. Asst.)	1150—2270	3
Chick sexer	780—1320+	1
	Spl. pay Rs. 40	
Assistant Grade I	780—1320	1
Electrician	"	1
Typist Gr. II	675—1125	1
Egg Grader	"	1
Lab Asst.	"	2
Driver (LV) Gr. II	640—1000	1
Peon	550—800	1
Chowkidar	"	2
Sweeper	"	1
Poultry Attendant	"	8

Mycotoxigenesis in domestic animals and poultry and aflatoxin induced liver injury and hepatic carcinogenesis		
Professor (Pathology)	2450—3600	1
Asst. Professor (Pathology)	1500—2685	1
Assistant Professor (Biochemistry)	"	1
Peon	550—800	1
Progeny testing of cross bred bulls in rural areas		
Assistant Professor (Animal Breeding)	1500—2685	1
" (Animal Management)	"	1
" (Animal Reproduction)	"	1
Farm Assistant (Vety.) Gr. II	675—1125	3
Computer	675—1125	2
Animal Attendant	550—800	2
AICRP on Poultry Nutrition		
Assoc. Professor	1950—2950	1
Farm Assistant (Vety.) Sr. gr.	975—1720	1
Peon	550—800	1
Project on Poultry Directorate—Establishment of a centre on Poultry housing and Management		
Assoc. Professor (Poultry Sc.)	1950—2950	1
Asst. Professor (")	1500—2685	1
Lab Technician/Farm Assistant (Vety.) Gr. II	675—1125	1
Peon	550—800	1
Studies on blood groups and Biochemical polymorphism in cattle		
Lab Technician	780—1320	2
Animal Attendant	550—800	2
Efficiency of White Pekin ducks, Desi ducks, and their crosses for meat production		
Asst. Professor	1500—2685	1
Farm Assistant (Vety.) Gr. II	675—1125	1
Poultry Attendant	550—800	1
Incidence and nature of Hypothyroidism in domestic animals (D. S. T)		
Professor (Pathology)	2450—3600	1
Assoc. Professor (Animal Reproduction)	1950—2950	1
Asst. Professor (Pathology)	1500—2585	1
Fisheries Research (Plan)		
Prawn culture in Pokkali Rice Fields, Puduveyppu (Plan)		
Asst. Professor (Aqua)	1500—2685	1
Fisherman-cum-Watchman	575—900	2
Fisheries Research (ICAR)		
Population characteristics, bionomics and culture of Labeo dussumiere (Curier)		
Jr. Research Fellow	Rs. 700 (consolidated)	2
Field Assistant	Rs. 400 (")	2
Forestry Research—AICRP on Agro Forestry (ICAR)		
Assoc. Professor (Forestry)	1950—2950	1
Asst. Professor (Agro. Soil Cons.)	1500—2685	2
Jr. Asst. Professor (Agro, Horti, Agri. Engg and Pathology)	1150—2270	2

Typist Gr. II	675—1125	1
Assistant Gr. II.	"	2
Farm Assistant (Vety.) Gr. II	"	2
Lab Asst. Gr. III	640—1000	2
Driver (LV)	"	1
Peon	550—800	1
Agri. Engg. Research Co-ordinated Project for R & D of Farm Implements		
Assoc. Professor	1950—2950	1
Junior Assistant Professor (Agrl. Engg.)	1150—2270	1
Tech. Gr. III One each in (Diesel/Motor Mechanic/Agrl. Mechanic and Tractor Mechanic)	675—1125	3
Workshopmate	280—400	1
Asst. Gr. II	675—1125	1
Design and Development of Wind Turbines and its Feasibility Studies in Kerala		
Res. Associate	Rs. 1000 (cosolidated)	1
"	Rs. 900 (")	1
Technician	Rs. 800 (")	1
Directorate of Extension (Non-Plan)		
Director of Extension	2450—3600+ Spl. pay Rs. 250	1
Associate Director (Extension)	2450—3600+ Spl. pay Rs. 100	1
Section Officer	1100—2100	1
Senior Grade Assistant	975—1720	4
Office Supdt.	1050—2000+ Spl. pay Rs. 125	1
Typist Senior Grade	975—1720	2
Driver Gr. I	675—1125+ CA Rs. 110	1
Typist Senior Gr.	975—1720+ Spl. pay Rs. 60	1
Peon	550—800	2
Public Relations (Non-Plan)		
Editor (Publication)	Rs. 2500 (consolidated)	1
Assistant Grade II	675—1125	1
Training Service—General (Non-Plan) (Directorate of Extension/Vellayani/Pilicode)		
Asst. Professor (Extn)	1500—2685	1 1 0
" (Agri)	"	0 0 1
Jr. Asst. Professor	1150—2270	0 0 2
Farm Assistant (Agrj)	780—1320	1 0 1
Farm Assistant Sr. Gr.	975—1720	0 1 0
Office Supdt. (FC & D)	1050—2000	0 1 0
Typist Gr. II	675—1125	0 0 1
Typist Sr. Gr.	975—1720	0 1 0
Duplicator Operator	640—1000	1 0 0
Peon	550—800	1 1 1
Driver	640—1000	1 0 0
Assistant Grade II	675—1125	0 0 1

Communication Centre (Non-Plan)

Assistant Professor	1500—2685	2
Section Officer	1100—2100	1
Assistant Gr. II	675—1125	2
Chief Artist	1100—2100	1
Peon	550—800	1
Farm Asst. (Agri) Sr. Gr.	975—1790	1
Sweeper-cum-Scavenger	550—800	1
Technician	975—1720	1
Driver Grade II	640—1000	1

Publication Unit (Non-Plan)

Assoc. Professor (Publication)	1950—2950	1
Asst. Professor (Agri.)	1500—2685	1
" (A. H)	" "	1
Language Editor (Mal)	" "	1
Language Editor (Eng.)	" "	1
Sr. Gr. Assistant	975—1720	1
Assistant Gr. II	675—1125	2
Peon	550—800	1

Information Unit (Non-Plan)

Associate Professor (Extension)	1950—2950	1
Associate Professor (Aqua.)	" "	1
Assistant Professor (Agri.)	1500—2685	1
Assistant Professor (A. H)	" "	1
Jr. Assistant Professor	1150—2270	2
Assistant Gr. II	675—1125	1
" Gr. I	780—1320	1
Typist Gr. I	" "	1
Peon Gr. I	575—900	1
Driver Gr. II	640—1000	1

Exhibition and Graphic Service (Non-Plan)

Assistant Professor (Extn.)	1500—2685	1
Jr. Assistant Professor	1150—2270	1
Artist	850—1600	1
Photographer	" "	1
Farm Asst. Senior Grade	975—1720	1
Driver Gr. III	640—1000	1
Dark Room Assistant	675—1125	1

Farm Advisory Service (Non-Plan)

Professor (Agro.)	2450—3600	1
" (P. P.)	" "	1
Associate Professor (Agro.)	1950—2950	1
" (Hort.)	" "	1
" (A. H.)	" "	*1
" (Poultry)	" "	1
" (P. P.)	" "	1
Asst. Professor (Aqua.)	1500—2685	1
Farm Assistant (Agri)	675—1125	1
Asst. Gr. II	" "	1
Typist (Mal.)	" "	1

* Norms promotee Professor working against the post of Assoc. Professor (A. H.)

University Press

Press Manager	1500—2685	1
Section Officer	1100—2100	1
Office Supdt. (FC & D)	1050—2000	1
General Foreman	"	1
Senior Foreman	975—1720	1
Senior Grade Assistant	"	3
Printer (U. G.)	780—1320	3
Compositor (U. G.)	"	5
Binder (U. G.)	780—1320	2
Binder (L. G.)	660—1050	2
Compositor (L. G.)	"	
Printer (L. G.)	"	3
Proof Reader	850—1600	2
Copy holder	700—1140	
Computer	"	1
Peon (H. G.)	550—800	1
Scavenger-cum-Attendant	550—800	1
Helper	"	1

Krishi Vigyan Kendra, Manjeswar (Plan)

Professor	2450—3600	1
Assoc. Professor	1950—2950	2
Jr. Assistant Professor	1150—2270	6
Sr. Gr. Assistant	975—1720	1
Farm Assistant (Agri.) Gr. I	780—1320	1
Farm Assistant (Vety.) Gr. II	675—1125	1
Assistant Gr. II	"	1
Typist Gr. II	"	1
Peon/Attender	550—800	1
Driver	640—1000	1
Part-time Sweeper	Rs. 283+D. A.	1
Watchman	550—800	1

Extension (ICAR)

AICP on National Demonstration on major food crops, Quilon

Assoc. Professor (P. P.)	1950—2950	* 1
Asst Professor (S. S.)	1500—2685	** 1
" (Agro)	"	1
" (W/m.)	"	1
Farm Asst. (Agri) Gr. II	675—1125	2
Driver Gr. II	640—1000	1

AICRP for the rapid improvement of Agrl. Technology directed at Socio-Economic upliftment of SC/OBC, Nilambur

Associate Professor (Extn.)	1950—2950	1
Jr. Assistant Professor (SSI)	1150—2270	1
" (Home Eco.)	"	1
" (A. P.)	"	1
Farm Assistant (Agri.)	675—1125	1
Typist Gr. II	675—1125	1
Driver Gr. II	640—1000	1

- * Norms promotee Asst. Professor continuing against the post of Associate Professor.
** Norms promotee Assoc. Professor continuing against the post of Asst. Professor.

Krishi Vigyan Kendra, Pattambi (ICAR)

Professor (Extn.)	2450—3600	1
Associate Professor	1950—2950	4
Assistant Professor	1500—2685	5
Section Officer	1100—2100	1
Assistant Gr. II	675—1125	1
Typist Gr. II	"	1
Farm Assistant Gr. II	"	2
Driver	780—1320	1

AICRP on Strengthening Agricultural Research programme for the Socio-Economic Upliftment of Tribals, Amboori

Associate Professor	1950—2950	1
Assistant Professor	1500—2685	5
Jr. Asst. Professor	1150—2270	5
Typist Gr. II	675—1125	1
Peon	550—800	1
Driver	640—1000	1

Krishi Vigyan Kendra, Ambalavayal

Professor (Agro/Extn.)	2450—3600	1
Associate Professor (Agro)	1950—2950	1
" (Animal Science)	"	1
" (Home Science)	"	1
" (Horti)	"	1
Junior Asst. Professor (Extn.)	1500—2685	1
" (Animal Science)	"	1
" (Home Science)	"	1
" (Agrl. Engg.)	"	1
" (Horti.)	"	1
" (Plant Protection)	"	1
Section Officer	1100—2100	1
Asst. Gr. II	675—1125	1
Typist Gr. II	"	1
A. V. Operator	780—1320	1
Driver Grade (H. V.)	"	1
Hostel Attendant	550—800	1
Cook-cum-Caretaker	"	1
Peon	"	1
Sweeper	"	1
Watchman/Attender	"	1

Project on integrated Development of Kanikar tribals dispersed hamlets situated on the slopes of the Agastyamudi peak

Junior Assistant Professor	1150—2270	1
Helper to Home Scientist	Rs. 500 (consolidated)	1

NAEP—Central Training Institute, Mannuthy

Training Co-ordinator (Professor—Extension)	2450—3600	1
Assistant Professor	1500—2685	2
Asst. Gr. II	675—1125	2
Typist Gr. II	"	1
Farm Assistant (Agri)	"	1
Driver (H. V.)	780—1320	1
Peon	550—800	1

Strengthening of Training Service, Vellayani

Assoc. Professor (Extn.)	1950—2950	1
Asst. Gr. II	675—1125	1
Farm Asst. Gr. II (Agri.)	"	1
Driver (H. V.)	780—1320	1
Peon	550—800	1
Hostel Attendant	"	1
Audio Visual Operator	780—1320	1
Cook-cum-Caretaker	640—1000	1

Works**Directorate of Physical Plant (Non-Plan)**

Director	2450—3600+	1
	Spl. pay/Rs. 250	
P. A. to D. P. P.	1250—2500	1
F. A. to D. P. P.	1500—2685	1
Asst. Exe. Engineer (Electrical)	1250—2500	1
Assistant Engineer	1050—2000	1
Section Officer	1100—2100	2
Senior Officer, Superintendent (FC & D)	"	1
Office Superintendent	1050—2000	1
Head Draftsman	"	1
Senior Grade Assistant	975—1720	5
Typist Gr. I	780—1320	2
Assistant Gr. I	"	4
Assistant Gr. II	675—1125	4
Senior Grade Typist	975—1720	2
Draftsman	825—1430	6
Blue Printer-cum-Stereo Operator	780—1320	1
Driver	640—1000	1
Tracer	"	2
Peon	550—800	4

Engg. Division, Panangad (Non-Plan)

Executive Engineer	1950—2950	1
Assistant Engineer	1050—2000	2
Section Officer	1100—2100	1
Draftsman Gr. I	825—1430	2
Office Superintendent (FC & D)	1050—2000	1
Asst. Sr. Gr.	975—1720	2
Driver Gr. II	640—1000	1
Peon	550—800	1

Engineering Sub Division, Mannuthy ((Non-Plan)

Assistant Executive Engineer	1250—2500	1
Assistant Engineer	1150—2270	1
Assistant Engineer	1050—2000	2
Draftsman Gr. I	825—1430	1
Draftsman (HG)	1050—2000	1
Assistant Gr. I	780—1320	1
Senior Grade Assistant	975—1720	1
Senior Grade Typist	"	1
Fitter-cum-Mechanic	"	1
Plumber Technician	"	1
Pump Operator	640—1000	4
Draftsman Gr. II	700—1140	1
Peon	640—1000	1

Engineering Sub Division, Vellayani (Non-Plan)

Assistant Exe. Engineer (Civil)	1250—2500	1
Assistant Engineer (Elec.)	"	1
Assistant Engineer	1050—2000	2
Overseer (HG)	"	1
Overseer Gr. I	825—1430	4
Assistant Gr. I	780—1320	2
Typist Senior Gr.	975—1720	1
Driver Gr. III	640—1000	1
Peon (HG)	575— 900	1

Mechanical Sub Division, Main Campus (Non-Plan)

Assistant Exe. Engineer	1250—2500	1
Assistant Engineer	1050--2000	3
1st Grade Overseer	825—1430	2
"	975—1720	1
Technician Gr. I	"	1
Assistant Lineman	575— 900	1
Bull Dozer Operator	780--1320	1
Road Roller Driver	675—1125	1
Senior Grade Asst.	975—1720	1
Typist Grade I	780—1320	1
Assistant. Gr. II.	675—1125	2
Peon	550— 800	1
Sr. Technician (Electrician-cum-Mechanic)	975—1720	1
Helper to Electrician	550—800	1
Electrician-Tech. Gr. III	675—1125	1
Transport Supervisor	1100—2100	1
Driver Gr. II	640—1000	1
Mechanic (Automobile)	675—1125	1

Engineering Sub Division No. I (Non-Plan)

Assistant Exe. Engineer	1250—2500	1
Assistant Engineer	1050—2000	3
Draftsmn Gr. I	825—1430	4
Assistant Sr. Grade	975—1720	1
Assistant Gr. II	675—1125	1
Office Superintendent (FC & D)	1050—2000	1
Pump Operator Gr. I	780—1320	1
Pump Operator	640—1000	5
Driver Gr. II	"	1
Watchman	575— 900	1
Peon	550— 800	1
Watchman	"	2

Engineering Sub Division No. II (Non-Plan)

Assistant Exe. Engineer	1250—2500	1
Assistant Engineer	1050—2000	3
Draftsman Gr. I	825—1430	4
Senior Grade Assistant	975—1720	2
Asst. Gr. II	675—1125	1
Typist Senior Grade	975—1720	1
Watchman	550— 800	3

Pump Operator	675—1125	1
Peon "	640—1000	3
	550—800	1
Engg. Sub. Division Tavanur (Non-Plan)		
Assistant Exe. Engineer	1250—2500	1
Asst. Engineer	1050—2000	2
Assistant Gr. II	675—1125	1
Typist Gr. II	" "	1
Draftsman Gr. I	825—1430	2
" Gr. II	700—1140	3
Peon	550—800	1
Engg. Sub. Division, Pattambi (Non-Plan)		
Asst. Exe. Engineer	1250—2500	1
Asst. Engineer	1050—2000	1
Draftsman Gr. II	700—1140	1
Asst. Gr. II	675—1125	1
Typist Gr. II	" "	1
Peon	550—800	1
Vellanikkara Estate (Non-Plan)		
Estate Officer	1950—2950	1
Section Officer	1100—2100	1
Assistant Sr. Gr.	975—1720	1
Asst. Gr. II	675—1125	1
Typist Gr. I	780—1320	1
Farm Assistant (Agri.) Gr. I	780—1320	2
Driver Gr. II (LV)	640—1000	1
Watchman	550—800	12
Plantation Service		
Sr. Gr. (A) Clerk	416—990	2
Factory Assistant	" "	1
Conductor Sr. Gr.	" "	2
Conductor (General)	285—725	1
Engine Driver	285—725	1
Peon	265—690	2
Miller Spl. Gr.	" "	1

Appendix IV

REVISED SCALES FROM 1-7-1983

1	550 — 10 — 650 — 15 — 800 (20 years)
2	575 — 10 — 645 — 15 — 900 (24 years)
3	600 — 10 — 650 — 15 — 830 — 20 — 950 (23 years)
4	640 — 15 — 820 — 20 — 1000 (21 years)
5	660 — 15 — 810 — 20 — 1050 (22 years)
6	675 — 20 — 975 — 25 — 1125 (21 years)
7	700 — 20 — 940 — 25 — 1140 (20 years)
8	740 — 20 — 920 — 25 — 1245 (22 years)
9	780 — 20 — 880 — 25 — 1080 — 30 — 1320 (21 years)
10	675 — 25 — 1100 — 30 — 1340 (25 years)
11	825 — 25 — 1100 — 30 — 1430 (22 years)
12	850 — 25 — 1100 — 30 — 1400 — 40 — 1600 (25 years)
13	950 — 25 — 1100 — 30 — 1400 — 40 — 1640 (22 years)
14	975 — 25 — 1100 — 30 — 1400 — 40 — 1720 (23 years)
15	1050 — 30 — 1200 — 40 — 2000 (25 years)
16	1100 — 40 — 1500 — 50 — 2100 (22 years)
17	1150 — 40 — 1470 — 50 — 2270 (24 years)
18	1250 — 50 — 1600 — 60 — 1900 — 75 — 2500 (20 years)
19	(a) 1300 — 60 — 1600 — 75 — 2650 (19 years) (b) 1300 — 75 — 2725 (19 years)
20	1500 — 60 — 1560 — 75 — 2685 (16 years)
21	1600 — 75 — 2200 — 85 — 2710 (14 years)
22	1950 — 75 — 2100 — 85 — 2950 (12 years)
23	2100 — 85 — 2440 — 100 — 3040 (10 years)
24	2250 — 100 — 2850 — 125 — 3350 (10 years)
25	2450 — 100 — 2850 — 125 — 3600 (10 years)
26	2600 — 100 — 2800 — 125 — 3800 (10 years)
27	3700 — 125 — 4200 (4 years)

Appendix V

LIST OF ENDOWMENTS

Endowment	Corpus	Deposit in
1 Smt. Chinnamma Thomas Endowment	5,000	S. B. T. Trichur
2 VIII Dairy Industry Conference Gold Medal	5,500	"
3 Late Abraham Thomas Endowment	5,001	"
4 Mrs. Devaky Nair Endowment	1,000	S. B. T. Ollukkara
5 Livestock improvement Association Award	2,500+ 225	"
6 Aspee Gold Medal	6,000	"
7 M. N. Parameswaran Memorial Endowment	6,100	S. B. T. Vellanikkara
8 Pandalam, P. R. Madhavan Pillai Endowment	6,418	S. B. T. Vellanikkara
9 Late Dr. Kunjan Pillai Endowment	5,229.17	"
10 Co-operative Diamond jubilee Endowment	1,00,000	State Co-operative Bank, Trivandrum
11 E. P. Madhavan Nair Memorial Endowment	10,000	Dis. Co-op. Bank Mannuthy
12 Kerala Vety. College Alumni Association Prize	2,500	"
13 Kerala Vety. College Alumni Association Medal	10,000	"
14 Late Dr. Renchi P. George Memorial Endowment Prize	5,000	"
15 Four Endowments together	5,200+ 468	S. B. T. Trichur
16 "KAU award for tribal Farmers Trainees" Instituted by Sri. T. Madhava Menon, Former Vice-Chancellor	2,000	Dist. Co-op. Bank Mannuthy
17 Fish processing-Best Student award	1,000	"

Appendix VI

PREPARATION, PASSING AND OPERATION OF THE BUDGET

The following Statutory provisions govern the preparation, passing and operation of the budget of the University, under the KAU Act and the Statutes.

No expenditure not authorised in the budget shall be incurred by the University. (SRO 815/79)

The Comptroller shall be responsible for estimating the receipts and expenditures of the University and shall be responsible to the Vice-Chancellor in the preparation of the budget, for the budget year commencing on 1st April and ending with 31st March of the succeeding year. (Section 31 (3) of Act and SRO 859/74)

He shall require the Heads of Departments under the University to furnish the materials on information required for preparing the budget estimates. (SRO 859/74).

The Vice-Chancellor shall present the budget thus consolidated by the Comptroller before the Finance Committee, the Executive Committee and the General Council for their approval in that order. (Section 28 (5) and SRO 859/74).

The Finance Committee shall examine the budget and advise the Executive Committee (Section 46 (2) (b) of Act)

The Executive Committee shall after due consideration submit the budget to the General Council. (Section 16 (1) of Act),

The budget shall be deemed to have been passed when it is approved by the General Council and will be sufficient authority for making appropriations (for expenditure sanctioned by competent authority). (Section 12 (2) (i) of Act and SRO. 859/74)

No payment shall be made by the Comptroller under major/minor head of account unless there is sufficient balance of the allotment sanctioned under the head, he shall be responsible to the Vice-Chancellor to ensure that no expenditure not authorised in the budget is incurred by the University and shall disallow any expenditure which contravenes the provisions of any statute or ordinance. (Section 31 (4) of the Act and SRO. 815/79)

It shall be competent for the Executive Committee to incur any expenditure out side the budget provision and report the matter to the General Council and the Council may authorise such expenditures; the council shall also have power to reappropriate from one budget head to another. (Notification No. 42131/P5/72/AD and SRO. 815/79).

The Comptroller shall be responsible for revision of the budget when such revision is required in the interest of expediting new programmes or for any other reason and for expediting the approval of the budget. It shall be competent to him to sanction reappropriations, diversions and transfer of funds from one major/minor head to another. (Section 31 (5) of Act and SRO. 815/79).

The unspent budget allotment at the close of the financial year shall automatically lapse. (SRO 815/79).

□

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1988-'89 ലെ ബജറ്റ്

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ഫിനാൻസ് കമ്മിറ്റി മെമ്പർ

അഡ്വ. ശ്രീ. തേരമ്പിൽ രാമകൃഷ്ണൻ

ജനറൽ കൗൺസിൽ യോഗത്തിൽ ചെയ്ത പ്രസംഗം

25 മാർച്ച് 1988

സർ,

കേരള കാർഷിക സർവകലാശാലയുടെ 1987-88 ലേക്കുള്ള പുതുക്കിയ ബജറ്റും 1988-89 ലേക്കുള്ള ബജറ്റും ജനറൽ കൗൺസിലിന്റെ സജീവ പരിഗണനക്കും അംഗീകാരത്തിനുമായി ഞാൻ സമർപ്പിക്കുകയാണ്.

കാർഷിക സർവകലാശാലയുടെ പ്രധാന വരുമാന മാർഗ്ഗം സംസ്ഥാന സർക്കാരിൽ നിന്നുള്ള ഗ്രാന്റാണ്. സർക്കാരിന്റെ സാമ്പത്തിക പ്രയാസങ്ങൾ സർവകലാശാലയുടെ പ്രവർത്തനങ്ങളേയും ഞൊക്കെ ബാധിക്കുകയുണ്ടായി. എന്നാൽ കർശനമായ സാമ്പത്തിക അച്ചടക്കവും നിയന്ത്രണങ്ങളും ഏർപ്പെടുത്തി പ്രധാന പ്രവർത്തനങ്ങൾക്ക് വഴി കണ്ടെത്താൻ പ്രത്യേക ശ്രദ്ധ ചെലുത്തിയിട്ടുണ്ട്.

തന്നാണ്ടത്തേക്ക് മൊത്തം 17.85 കോടി രൂപയുടെ ബജറ്റാണ് അംഗീകരിക്കപ്പെട്ടതെങ്കിലും പിന്നീടത് 18.01 കോടി രൂപയുടെതായി പുതുക്കേണ്ടി വന്നു.

സർക്കാരിൽ നിന്ന് തന്നാണ്ടിൽ കിട്ടേണ്ടതായ ആകെ ഗ്രാന്റ് 963 ലക്ഷം രൂപയാണെങ്കിലും, സാമ്പത്തിക തെറ്റുകളും മറ്റും മൂലം അതിൽ 41 ലക്ഷം രൂപ കുറച്ച് ബാക്കി 922 ലക്ഷം രൂപ മാത്രമേ കിട്ടാനിടയുള്ളൂ. ഇന്ത്യൻ കാർഷിക ഗവേഷണ കൗൺസിൽ, മറ്റു ഏജൻസികൾ എന്നിവയിൽ നിന്ന് തന്നാണ്ടിൽ പ്രതീക്ഷിച്ച സഹായം 217 ലക്ഷം രൂപയായിരുന്നെങ്കിലും, അത് 299 ലക്ഷം രൂപയായി വർദ്ധിക്കുന്നതാണ്. സർവകലാശാലയുടെ തനതായ വരുമാന മാർഗ്ഗങ്ങളിൽ നിന്ന് പ്രതീക്ഷിച്ച 134 ലക്ഷം രൂപയുടെ സ്ഥാനത്ത് 148 ലക്ഷം രൂപ കിട്ടുന്നതാണ്.

നടപ്പുവർഷത്തിൽ അനുഭവപ്പെട്ട സാമ്പത്തിക പരിമിതികൾ മൂലവും ഒഴിവാക്കാൻ വയ്യാത്ത ഭരണപരമായ ബാധ്യതകൾ മൂലവും പ്രതീക്ഷിച്ചത്ര പുരോഗതി സർവകലാശാലയുടെ എല്ലാ മേഖലകളിലും പ്രത്യേകിച്ചും നിർമ്മാണ പ്രവർത്തനങ്ങളിൽ കൈവരിക്കു

വാൻ കഴിഞ്ഞില്ലെന്ന സത്യം മറച്ചു വെയ്ക്കുന്നില്ല. സർക്കാരിൽ നിന്നും പ്രതീക്ഷിച്ചത്ര സഹായം ലഭ്യമാകാത്തതുകൊണ്ട് ചില ഫണ്ടുകളിൽ പണം തിരിച്ചടയ്ക്കാൻ സാധിച്ചിട്ടില്ല. അടുത്ത വർഷത്തിലേകിലും ഇത് ബോധ്യത നിറവേറ്റുവാൻ കഴിയുമെന്ന് പ്രതീക്ഷിക്കുന്നു. ഇതിലേക്കായി അടുത്ത വർഷത്തെ ബജറ്റിൽ 60 ലക്ഷം രൂപ വകയിരുത്തിയിട്ടുണ്ട്.

അടുത്ത സാമ്പത്തിക വർഷത്തേക്ക് മൊത്തം 19.17 കോടി രൂപ വരവും 18.93 കോടി രൂപ ചെലവും 24 ലക്ഷം രൂപ നീക്കിയിരിപ്പും പ്രതീക്ഷിക്കുന്ന ബജറ്റിനാണ് രൂപം നൽകിയിട്ടുള്ളത്.

അടുത്ത വർഷത്തെ ബജറ്റിൽ വിഭാവനം ചെയ്തിട്ടുള്ള പ്രധാന പരിപാടികളെപ്പറ്റി പരാമർശിച്ചു കൊള്ളട്ടെ.

വിദ്യാഭ്യാസം

വിദ്യാഭ്യാസ സമ്പ്രദായത്തിൽ കാലികമായ മാറ്റം വരുത്തുന്നതിന്റെ ഭാഗമായി വിവിധ ബിരുദ കോഴ്സുകളുടെ പാഠ്യപദ്ധതി നിലവിലുണ്ടായിരുന്ന ട്രൈമെസ്മിറ്റർ അദ്ധ്യയന രീതിയിൽ നിന്ന് സെമസ്മിറ്റർ രീതിയിലേയ്ക്ക് മാറിക്കഴിഞ്ഞു. അടുത്ത വർഷം മുതൽ വിവിധ ഫാക്കൽറ്റികളുടെ ബിരുദാനന്തര കോഴ്സുകളിലേക്കും സെമസ്മിറ്റർ അദ്ധ്യയന രീതി വ്യാപിപ്പിക്കുന്നതിനുള്ള ക്രമീകരണങ്ങൾ പൂർത്തിയായിട്ടുണ്ട്.

സർവകലാശാലയുടെ വിദ്യാഭ്യാസ പ്രവർത്തനങ്ങൾക്കായി വരും കൊല്ലത്തേയ്ക്ക് ആകെ ചെലവിന്റെ 39 ശതമാനം വകയിരുത്തിയിട്ടുണ്ട്.

ചെറുനഗര കോളേജ്

പഠന ഗവേഷണ രേഖകളിൽ അത്യാധുനിക സൗകര്യങ്ങൾ ഏർപ്പെടുത്തുന്നതിനും ബയോടെക്നോളജി തുടങ്ങിയ വിഷയങ്ങളിൽ സർട്ടിഫിക്കറ്റ് പരീക്ഷണങ്ങൾ ഏറ്റെടുക്കുന്നതിനും വേണ്ടി 30 ലക്ഷം രൂപ മുടക്കി ഒരു ഇലക്ട്രോൺ മൈക്രോസ്കോപ്പ് വാങ്ങിക്കഴിഞ്ഞു. ഇതു സ്ഥാപിക്കുന്നതിനുള്ള കെട്ടിടത്തിന്റെ പണി പൂർത്തിയായിട്ടുണ്ട്. വിദ്യാർത്ഥികൾക്കു വേണ്ടിയുള്ള പുതിയ ഹോസ്മിറ്റർ പണി പൂർത്തിയായി കൊണ്ടിരിക്കുന്നു.

അഗ്രിക്കൾച്ചറൽ കോളേജ്

ഇവിടെ ഇപ്പോൾ ആകെ 360 വിദ്യാർത്ഥികൾ പഠിച്ചുവരുന്നു. ഇവർക്ക് ചെലപ്പെട്ട പ്രായോഗിക പരിശീലനം നൽകുന്നതിനുവേണ്ടി അടുത്ത വർഷം കോളേജിലെ ഇൻസ്ട്രക്ഷണൽ ഫോവികസിപ്പിക്കുന്നതിന് ഉദ്ദേശ്യമുണ്ട്. കോളേജിലെ അക്കാഡമിക് ബ്ലോക്കിന്റെയും ഇൻഡോർ സ്റ്റേഡിയത്തിന്റെയും പണി ദ്രുതഗതിയിൽ പൂർത്തിയാക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിച്ചുകഴിഞ്ഞിട്ടുണ്ട്.

അഭ്യർത്ഥനപ്രകാരമുള്ള വിജ്ഞാന വ്യാപന മേഖലകളിൽ ഏറ്റെടുത്തിട്ടുള്ള പ്രവർത്തനങ്ങൾ അടുത്ത വർഷത്തിൽ തുടരുന്നതാണ്.

ഫിഷറീസ് കോളേജ്

ഈ അഭ്യർത്ഥന വർഷത്തിൽ ഫിഷറീസ് എക്സ്റ്റൻഷനിൽ എം. എഫ്. എസ്. സി. ബിരുദാനന്തര ഡിഗ്രി കോഴ്സ് ആരംഭിക്കുകയുണ്ടായി. ഫിഷ് പ്രൊസസിംഗിൽ എം. എഫ്. എസ്. സി. കോഴ്സ് ആരംഭിക്കുവാൻ തീരുമാനിച്ചിട്ടുണ്ട്. ഇതിന്റെ സിലബസ്സും തയ്യാറാക്കിക്കഴിഞ്ഞു. പഠന പരിശീലന സൗകര്യങ്ങൾ വർദ്ധിപ്പിക്കാനായി കൂടുതൽ ലബോറട്ടറി ഉപകരണങ്ങളും കേരളാ ഫിഷറീസ് കോർപ്പറേഷനിൽ നിന്ന് രണ്ട് ഫൈബർ ഗ്ലാസ് തോണികൾ, രണ്ട് ബോർഡ് മോട്ടോറുകൾ, ശീതീകരണി, നാവിഗേഷണൽ ഉപകരണങ്ങൾ, വലകൾ എന്നിവ വാങ്ങുകയുണ്ടായി. ക്യാമ്പിംഗ് ഉപകരണങ്ങൾ, പ്ലേറ്റ് ഫ്രീസർ എന്നിവ വാങ്ങാൻ നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ട്.

ഫിഷറീസ് കോളേജിനുവേണ്ടി സ്ഥലമെടുപ്പു നടപടികൾ പൂർത്തിയാക്കുന്നതിലേക്ക് 38 ലക്ഷം രൂപ അടുത്ത വർഷത്തെ ബജറ്റിൽ കൊള്ളിച്ചിട്ടുണ്ട്.

കോ-ഓപ്പറേഷൻ ആൻറ് ബാങ്കിംഗ് കോളേജ്

കോളേജിന്റെ സുഗമമായ പ്രവർത്തനത്തിന് കൂടുതൽ സ്ഥലസൗകര്യങ്ങൾ സജ്ജമാക്കിക്കൊടുത്തിട്ടുണ്ട്. ബിരുദാനന്തര കോഴ്സുകളുടെ സീററുകളുടെ എണ്ണം അടുത്ത വർഷം മുതൽ വർദ്ധിപ്പിക്കുവാൻ നടപടികൾ സ്വീകരിച്ചുകഴിഞ്ഞു. അഭ്യർത്ഥന

പരിപാടിയിൽ 'Economics Evaluation Case Studies' കൂടി ഉൾപ്പെടുത്തുന്നതാണ്.

കാർഷിക എഞ്ചിനീയറിംഗ് കോളേജ്

1985-ൽ ആരംഭിച്ച ബി.ടെക്. ഡിഗ്രി കോഴ്സ് മൂന്നാം ബാച്ച് വിദ്യാർത്ഥികളെ അഡ്മിറ്ററേഷൻ തുടർന്നു വരുന്നു. ഇപ്പോൾ വെള്ളാനിക്കര ഹോർട്ടിക്കൾച്ചറൽ കോളേജിൽ പ്രവർത്തിച്ചുവരുന്ന അഗ്രിക്കൾച്ചറൽ എഞ്ചിനീയറിംഗ് ബിരുദാനന്തര കോഴ്സുകൾ തവന്നൂരിലേക്ക് മാറ്റാനുള്ള തീരുമാനമെടുത്തിട്ടുണ്ട്. ഡി.എ.എസ്.സി, ഡി.എ.ആർ.ഇ. എന്നീ ഡിപ്ലോമ കോഴ്സുകൾ അടുത്ത അടയ്ക്കുന്നവർഷം മുതൽ പുനരാരംഭിക്കാനും നടപടി സ്വീകരിച്ചിട്ടുണ്ട്. മാസ്റ്റർ പ്ലാൻ അനുസരിച്ചു തുടങ്ങിയ മരാമത്ത് പണി സാമ്പത്തികവും സാങ്കേതികവുമായ ചില കാരണങ്ങളാൽ പൂർത്തിയാക്കാൻ കഴിഞ്ഞിട്ടില്ല.

ഫോറസ്റ്റ്രി കോളേജ്

ഫോറസ്റ്റ്രി കോളേജിന് വേണ്ടി പദ്ധതിയിനത്തിൽ വരുമാനം കൊല്ലത്തേക്ക് 9.5 ലക്ഷം രൂപയാണ് വകയിരുത്തിയിട്ടുള്ളത്. കോളേജിനുവേണ്ടി ഒരു മിനി ബസ് വാങ്ങാൻ 3.5 ലക്ഷം രൂപ നീക്കിവെച്ചിട്ടുണ്ട്. പാഠ്യപദ്ധതിയിൽ അഗ്രോ ഫോറസ്റ്റ്രി കൂടി ഉൾപ്പെടുത്തുന്ന കാര്യം ആലോചിച്ചുവരുന്നു.

ഹോർട്ടിക്കൾച്ചറൽ കോളേജ്

അദ്ധ്യാപനം, ഗവേഷണം, വിജ്ഞാനവ്യാപനം എന്നീ മൂന്നു രംഗങ്ങളിലും നടപ്പു സാമ്പത്തിക വർഷത്തിൽ കോളേജിന്റെ ബഹു മുഖമായ പ്രവർത്തനങ്ങൾ തുടരുകയുണ്ടായി. ഇവിടെ ആകെ 325 വിദ്യാർത്ഥികൾ പഠിച്ചുവരുന്നു. വിദ്യാഭ്യാസ-ഗവേഷണ പരിപാടികൾക്ക് കൂടുതൽ സൗകര്യം ലഭ്യമാക്കുന്നതിന് കോളേജിനോടനുബന്ധിച്ച് ഒരു ഇൻസ്ട്രക്ടർമാർ ഫോറം ആരംഭിച്ചിട്ടുണ്ട്.

റൂറൽ ഹോം സയൻസ് കോളേജ്

'റൂറൽ ഹോം സയൻസി'ൽ ബിരുദ കോഴ്സും 'ഫുഡ് സയൻസ് ആൻഡ് ന്യൂട്രീഷ്യൻ'നിൽ എം.എസ്.സി. കോഴ്സും തുടരുകയുണ്ടായി.

ഗവേഷണം

കേരള കാർഷികസർവകലാശാലയിലെ ഗവേഷണ പരിപാടികൾ പ്രാദേശിക പരിതഃസ്ഥിതികൾക്ക് ഉന്നത നൽകിക്കൊണ്ടാണ് രൂപം നൽകിയിട്ടുള്ളത്. മണ്ണിൻറെയും കാലാവസ്ഥയുടെയും പ്രത്യേകതകളനുസരിച്ച് സംസ്ഥാനത്തെ അഞ്ചു കാർഷിക മേഖലകളായി തരംതിരിച്ചാണ് ദേശീയ കാർഷിക ഗവേഷണ പദ്ധതിയുടെ ഒന്നാംഘട്ടം നടപ്പിലാക്കിയത്. ലോക ബാങ്കിൻറെയും, ഇന്ത്യൻ കാർഷിക ഗവേഷണ കൗൺസിലിൻറെയും സഹായത്തോടെ 257.35 ലക്ഷം രൂപ ചെലവിൽ പദ്ധതിയുടെ രണ്ടാംഘട്ടം ഈ വർഷം നടപ്പിലാക്കുന്നതിന് അനുമതി ലഭിച്ചുകഴിഞ്ഞിട്ടുണ്ട്. പദ്ധതിച്ചെലവിൻറെ വിശദാംശങ്ങൾ താഴെ കൊടുക്കുന്നു.

1. വടക്കൻ മേഖല (പീലിക്കോട്, പന്നിയൂർ)	48.16 ലക്ഷം രൂപ
2. മദ്ധ്യമേഖല (പട്ടാമ്പി, കുമരകം, ചാലക്കുടി)	60.79 ..
3. തെക്കൻ മേഖല (വെള്ളായണി, കൊട്ടാരക്കര)	41.08 ..
4. ഹൈറേഞ്ച് മേഖല (അമ്പലവയൽ, പാമ്പാടുംപാാ)	51.30 ..
5. പ്രശ്നാധിഷ്ഠിത മേഖല (കുമരകം, വൈറില, തിരുവല്ല, കായംകുളം, മങ്കൊമ്പ്)	56.02 ..
	<hr/> ആകെ 257.35 ലക്ഷം രൂപ <hr/>

പരീക്ഷണശാലകൾ സ്ഥാപിക്കുക, ഫാമുകൾ ശക്തിപ്പെടുത്തുക, ഉപകരണങ്ങൾ വാങ്ങുക, അടിസ്ഥാന സൗകര്യങ്ങൾ മെച്ചപ്പെടുത്തുക തുടങ്ങിയ പ്രവർത്തനങ്ങൾക്കാണ് നാലുവർഷം നീണ്ടു നിൽക്കുന്ന രണ്ടാംഘട്ടത്തിൽ പ്രാമുഖ്യം നൽകിയിരിക്കുന്നത്.

വീട്ടുതൊട്ടകൃഷി, ബഹുമുഖകൃഷി, ഹൈറേഞ്ച് മേഖലയിലെ കാർഷിക പ്രശ്നങ്ങൾ, കൂരുമുളക്, പച്ചക്കറി, സുഗന്ധ വിളകളുടെ ഉൽപാദന പ്രശ്നങ്ങൾ, കാർഷിക ഉൽപ്പന്ന സംസ്കരണവും

ഉപയോഗവും, കൃഷിമൃഗമത്സ്യ സംയോജിതകൃഷി, ബയോ ടെക്നോളജി, ജലവിനിയോഗം, മണ്ണുസംരക്ഷണം എന്നിവയിൽ പഠനം, ജലത്തിലും കരയിലും കളനിയന്ത്രണം, സാമൂഹ്യ വനവൽക്കരണ പരിപാടി, കാർഷിക വിജ്ഞാന വ്യാപനം, യാന്ത്രിക കൃഷി, കാർഷിക ഗ്രാമീണ വ്യവസായങ്ങൾ, കാട്ടുമൃഗങ്ങളിലും ആനയിലും രോഗപഠനം, സങ്കരജന്തുസ്സുകളിൽ വന്ധ്യത പഠനം, ജന്തു ഉൽപന്ന നിലവാരവും വർദ്ധനയും, ജന്തുക്കളിൽ അർബുദരോഗ ഗവേഷണം. ശുദ്ധജല കൊഞ്ചും അവയുടെ ജാതീയതയിലും കൃഷി പഠനം, കൃത്രിമ പ്രവർദ്ധനയും, കായൽ കൊഞ്ചിലും, ഫിൻമത്സ്യങ്ങളിലും കടുംകൃഷി എന്നിവയാണ് ഇവയിൽ പ്രാധാന്യമർഹിക്കുന്ന ഗവേഷണ മേഖലകൾ.

കാർഷിക വിളകളിലും വളർത്തുമൃഗങ്ങളിലും മത്സ്യകൃഷിയിലും വരച്ചയുടെ സ്വാധീനം പഠിക്കാനുള്ള സർവ്വൈ സംസ്ഥാനാടിസ്ഥാനത്തിൽ ഈ വർഷം ആരംഭിച്ചു. സർവ്വെയിൽ നിന്നും ലഭ്യമാകുന്ന വസ്തുതകളുടെ അടിസ്ഥാനത്തിൽ വരച്ചയെ ചെറുത്തുനിൽക്കാൻ സഹായിക്കുന്ന പരിപാലന മുറികൾ വികസിപ്പിച്ചെടുക്കാമെന്നു പ്രതീക്ഷിക്കുന്നു.

അത്യുൽപാദനശേഷിയുള്ള പുതിയ ഇനങ്ങൾ

നെല്ലിൽ കറച്ചർ-93, കറച്ചർ-126, കറച്ചർ-170 എന്നീയിനങ്ങൾ കൂട്ടനാടൻ പ്രദേശങ്ങളിലെ രണ്ടാം കൃഷിക്കു യോജിച്ചതാണെന്ന് കണ്ടിട്ടുണ്ട്. ഇവയുടെ ഉൽപാദനശേഷി ഹെക്ടറിന് അഞ്ചു ടണ്ണിൽ കൂടുതലാണ്. തൃശൂരിലെ കോരനിലങ്ങളിലേക്കും വടക്കൻ ജില്ലകളിലെ രണ്ടാം വിള പുഞ്ച എന്നിവയ്ക്കനുയോജ്യമായ മറ്റൊരിനം (കറച്ചർ-23332-2) നെല്ലും വികസിപ്പിച്ചെടുക്കുകയുണ്ടായി. വയനാടൻ പ്രദേശങ്ങളിലെ രണ്ടാം വിളയ്ക്ക് യോജിച്ച കറച്ചർ-745, കറച്ചർ-796 എന്നീ നെൽവിത്തിനങ്ങൾ അടുത്തു തന്നെ പുറത്തിറക്കാൻ കഴിയുമെന്ന് പ്രതീക്ഷിക്കുന്നു.

ലോകത്തിലെ പ്രഥമ സങ്കരയിനം തെങ്ങിൻ തോട്ടത്തിന്റെ സുവർണ്ണജൂബിലിയാഘോഷങ്ങളോടനുബന്ധിച്ച് 'ലക്ഷഗംഗ' (Laccadive ordinary x Gangabondam) എന്ന അത്യുൽപാദന ശേഷിയുള്ള സങ്കരയിനം തെങ്ങ് സർവകലാശാല പുറത്തിറക്കി. കേരളത്തിൽ

ഒരു തെങ്ങിൽ നിന്ന് ആണ്ടിൽ ശരാശരി 27 തേങ്ങ കിട്ടുമ്പോൾ ലക്ഷ്യ ഗംഗ എന്ന പുതിയ തെങ്ങിൽ നിന്ന് വർഷത്തിൽ ശരാശരി 108 തേങ്ങകൾ ലഭിക്കുന്നതായി കഴിഞ്ഞ ഇരുപത്തിമൂന്നു വർഷത്തെ ഗവേഷണം തെളിയിച്ചിട്ടുണ്ട്. ഈ തരത്തിലുള്ള 'അനന്തഗംഗ' (Andaman ordinary x Gangabondam) 'കേരഗംഗ' (West coast Tall x Gangabondam) എന്നീ രണ്ടു മികച്ച സങ്കരയിനങ്ങൾ കൂടി സംസ്ഥാനതല അംഗീകാരത്തിനു നിർദ്ദേശിക്കപ്പെട്ടിട്ടുണ്ട്.

കശുമാവിൽ ബി. എൻ. എ. 39.4, കെ. 22-1 എൽ. ഡി. ആർ-2-1 എച്ച് 3-17 (സങ്കരയിനം) എന്നീയിനങ്ങൾ ഉൽപ്പാദനക്ഷമതയുടെ അടിസ്ഥാനത്തിൽ കേരളത്തിലും, ദേശീയതലത്തിലും കൃഷിക്ക് ശുപാർശ ചെയ്യപ്പെട്ടു കഴിഞ്ഞു.

ബാക്ടീരിയൽ വാട്ടരോഗം ചെറുത്തു നിൽക്കാൻ ശക്തിയുള്ള എസ്. എം. 6-7 വഴുതന, എൽ. ഇ. 79 തക്കാളി എന്നീ അത്യുൽപാദന ശേഷിയുള്ള പച്ചക്കറി ഇനങ്ങൾ നിർദ്ദേശിക്കുന്നതിലൂടെ ഉരുത്തിരിച്ചെടുത്തിട്ടുണ്ട്.

വിവിധ പ്രദേശങ്ങളിൽ നടത്തിയ പരിക്ഷണങ്ങൾ മൂലം കൃഷ്ണമണി എന്ന പയറിനം, എസ് 8 ചെറുപയർ, സി. ഒ. 2 ഉഴുന്ന്, റി. ജി. 14 നിലക്കടല എന്നിവ കേരളത്തിൽ കൃഷിക്കുപയുക്തമാണെന്ന് കാണപ്പെട്ടു.

സി. ഒ. 8231 എന്നയിനം കരിമ്പ് വെള്ള, കെട്ടി നിൽക്കുന്ന പമ്പാതിര പ്രദേശങ്ങളിലേക്ക് പറിയതാണെന്ന് കണ്ടു. ഈ ഇനം കർഷകർക്ക് വൻതോതിൽ ലഭ്യമാക്കുന്നതിനുള്ള നടപടികൾ എടുത്തു വരുന്നു.

വിള പരിചരണ മുറകൾ നിജപ്പെടുത്തുന്ന രംഗത്തും പുതിയ കാൽവെപ്പുകൾ നടത്താൻ സർവകലാശാലയ്ക്ക് കഴിഞ്ഞിട്ടുണ്ട്.

ചാണക സത്ത് 200 മി. ഗ്രാം ഒരു ലിറ്റർ വെള്ളത്തിൽ എന്ന കണക്കിൽ തളിക്കുന്നത് മൂലം നെല്ലോലകളിൽ ഉണ്ടാകുന്ന 'ബാക്ടീരിയൽ ബ്ലൈറ്റ്' എന്ന രോഗം തടയുവാൻ കഴിയുമെന്ന് കണ്ടിട്ടുണ്ട്.

കോരം നിലങ്ങളിലെ നെൽക്കൃഷിയിൽ ഹൃസ്വകാല മൂപ്പുള്ള ഇനങ്ങൾക്ക് ഹെക്ടർ ഒന്നിന് എൻ. പി. കെ. 95:35:45 കി. ഗ്രാം. എന്ന തോതിലും, മദ്ധ്യകാല മൂപ്പുള്ളവയ്ക്ക് എൻ. പി. കെ. 110:45:55 കി. ഗ്രാം എന്ന തോതിലും വളപ്രയോഗം പ്രയോജനപ്രദമാണെന്ന് തെളിഞ്ഞിട്ടുണ്ട്.

തെങ്ങിൻ ചുവട്ടിൽ 'സെസ്'ബാനിയ' ചെടികൾ വളർത്തി തടത്തിൽ ചേർക്കുന്നത് വേരു ചീയൽ രോഗം ബാധിച്ച തെങ്ങുകളിൽ ഉല്പാദന ക്ഷമത നിലനിർത്താൻ ഉപകരിക്കുമെന്ന് കാണുകയുണ്ടായി.

പശുക്കളുടെ ഉല്പാദനക്ഷമത കൂട്ടുവാനായി അവയുടെ വർഗ്ഗഗോണമനത്തിനുവേണ്ടി നടത്തുന്ന നിർധാരണ പ്രക്രിയ അതിനാവശ്യമായ രേഖകൾ ശേഖരിക്കൽ എന്നിവയെക്കുറിച്ച് ഗവേഷണം നടത്തുന്നതിനും സർവകലാശാലയ്ക്ക് പരിപാടിയുണ്ട്. മൃഗങ്ങളുടെ പൈതൃകത്തെ കൃത്യമായി നിർണ്ണയിക്കാനാവശ്യമായ രക്തഗണങ്ങളെക്കുറിച്ചുള്ള പഠനം ത്വരിതപ്പെടുത്തും.

വളർത്തുമൃഗങ്ങളുടെയും വന്യമൃഗങ്ങളുടെയും ക്രോമസോമുകളെക്കുറിച്ചുള്ള പഠനം നടത്തി, ക്രോമസോം തകരാറുകൾ വ്യാപകമായി പെരുകാതിരിക്കാനുള്ള മാർഗ്ഗങ്ങൾ ആരായുന്നതാണ്.

സർവകലാശാലയുടെ ഗവേഷണ ഫലമായി കേരളത്തിൽ ഇറച്ചി മൂയൽ വളർത്തൽ പ്രചാരത്തിലായിട്ടുണ്ട്. കേരളത്തിനനുയോജ്യമായ ഒരിനം, ഉരുത്തിരിച്ചെടുക്കുന്നതിനും അവയുടെ തീറ്റ, പരിപാലനം, രോഗം, ചർമ്മോല്പന്ന സംസ്കരണം എന്നിവയെക്കുറിച്ചുള്ള ഗവേഷണങ്ങൾ വിപുലപ്പെടുത്തുന്നതിനും പരിപാടിയുണ്ട്.

മൃഗങ്ങളുടെ ഉല്പാദനം, ആരോഗ്യം എന്നിവ കൂടുതൽ കാര്യക്ഷമമാക്കുവാൻ അന്ത്യോധുനിക ശാസ്ത്രീയ മേഖലയായ ജനറിക എഞ്ചിനീയറിങ്ങിൽ ഗവേഷണങ്ങൾ ആരംഭിക്കും.

കോഴികളിലെ -മാരകമായ ന്യൂകാസിൽ രോഗത്തിനെതിരെ ആർ. ഡി. വി. എം. എന്ന അത്യന്തം ഫലപ്രദമായ വാക്സിൻ കണ്ടു പിടിച്ച ഈ വർഷം പുറത്തിറക്കി. ഇൻഡ്യയിൽ ഇന്നു ലഭ്യമായ കെ. (K); ആർ. 2 ബി. (R₂B) എന്നീ രണ്ടു വാക്സിനുകളെക്കാളും ഫലപ്രദമാണ് ആർ. ഡി. വി. എം. വാക്സിനെന്ന് കണ്ടെത്തിയി

ട്ടുണ്ട്. ഐ. ഡബ്ല്യു. എൻ. x ഐ. ഡബ്ല്യു. പി. (IWN x IWP) എന്ന സങ്കരയിനം കോഴി മുട്ടയുൽപ്പാദനം, അതിജീവനശേഷി തുടങ്ങിയ ഗുണങ്ങളിൽ മികച്ചതാണെന്നു സ്മിരിക്കപ്പെട്ടു. ഈ കോഴി രണ്ട് അഖിലേന്ത്യാ മുട്ടയുല്പാദന പരിശോധനാ മത്സരങ്ങളിൽ ഒന്നാം സ്ഥാനത്തെത്തുകയുണ്ടായി.

ഗവേഷണ പദ്ധതികൾക്ക് പുറമേ നിന്നും ധനസഹായം ലഭ്യമാക്കാനുള്ള ശ്രമങ്ങൾ സർവകലാശാല തുടർന്നുവരുന്നുണ്ട്. ഇതിന്റെ ഫലമായി 12 പുതിയ പദ്ധതികൾ നടപ്പുവർഷത്തിൽ കാർഷിക സർവകലാശാലയ്ക്ക് അനുവദിക്കുകയുണ്ടായി.

സർവകലാശാലയുടെ കീഴിലുള്ള ഗവേഷണ കേന്ദ്രങ്ങളിൽ നിന്നുമുള്ള വരുമാനം പരമാവധി വർദ്ധിപ്പിക്കുന്നതിനെക്കുറിച്ച് സമഗ്രമായ പഠനം നടത്തി. പുതിയ പദ്ധതികൾ ഘട്ടംഘട്ടമായി നടപ്പിലാക്കുവാൻ നടപടികൾ എടുത്തുവരുന്നുണ്ട്. ഇതിന്റെ ഭാഗമായി വെള്ളാനിക്കരയിൽ ഒരു കേന്ദ്ര നഴ്സറി തുടങ്ങുന്നതിനുള്ള ഒരു പദ്ധതി ആസൂത്രണം ചെയ്തിട്ടുണ്ട്.

പച്ചക്കറികൃഷി വ്യാപകമാക്കുവാനുള്ള തീവ്രയത്നം ഗവൺമെന്റ് തലത്തിൽ നടന്നുവരികയാണ്. ഈ പദ്ധതിക്ക് സഹായകമാവും വിധത്തിൽ പച്ചക്കറി വിത്തുല്പാദനം വർദ്ധിപ്പിക്കാനുള്ള ഒരു പരിപാടി കാർഷിക സർവകലാശാല ഏറ്റെടുത്തിട്ടുണ്ട്. രണ്ടു ലക്ഷം രൂപ ചെലവിൽ സർവകലാശാലയുടെ വെള്ളാനിക്കര, മണ്ണുത്തി, കണ്ണാറ, ചാലക്കുടി, പന്നിയൂർ, പട്ടാമ്പി, പിലിക്കോട് തവന്നൂർ എന്നീ കേന്ദ്രങ്ങളിൽ നടപ്പിലാക്കിവരുന്ന ഈ പദ്ധതിക്ക് ഒരു ലക്ഷം രൂപ കേന്ദ്ര കൃഷി വകുപ്പിൽനിന്നും അനുവദിച്ചിട്ടുണ്ട്. കാർഷിക ഗവേഷണത്തിന്റെ അടിസ്ഥാന ഘടകങ്ങളിലൊന്നായ ജലസേചനസൗകര്യം എല്ലാ ഗവേഷണ കേന്ദ്രങ്ങളിലും ഉറപ്പുവരുത്തുന്നതിന് ലക്ഷ്യമിട്ടുകൊണ്ടുള്ള ഒരു പദ്ധതി മുൻഗണന കൊടുത്ത് വരുംവർഷം നടപ്പിലാക്കുവാൻ ഉദ്ദേശമുണ്ട്.

വിജ്ഞാനവ്യാപനം

കാർഷിക ഗവേഷണ രംഗത്തെ സുപ്രധാന നേട്ടങ്ങൾ യഥാസമയം കൃഷിക്കാരിലെത്തിക്കുന്നതിനുവേണ്ടി സംസ്ഥാനത്തെ കാർ-

ഷിക വികസനവുമായി ബന്ധപ്പെട്ട വകുപ്പുകൾക്കും ഏജൻസികൾക്കും സാങ്കേതിക സഹായവും പരിശീലനവും നൽകുക എന്ന ലക്ഷ്യം മുൻനിർത്തിയാണ് സർവകലാശാലയുടെ വിജ്ഞാന വ്യാപന പരിപാടികൾ മുഖ്യമായും ആസൂത്രണം ചെയ്തിരിക്കുന്നത്. പത്രം, റേഡിയോ, ടെലിവിഷൻ തുടങ്ങിയ ബഹുജന സമ്പർക്കമാദ്ധ്യമങ്ങളിലൂടെയും പ്രത്യേക വിജ്ഞാനവ്യാപന പരിപാടികളിലൂടെയും കൃഷിക്കാരുമായി നേരിട്ടു ബന്ധപ്പെടുന്ന വിജ്ഞാന വ്യാപന പ്രവർത്തനങ്ങളും സർവകലാശാല നടത്തുന്നുണ്ട്.

കമ്മ്യൂണിക്കേഷൻ സെൻറർ, കേന്ദ്രപരിശീലന സ്മാപനം, കൃഷി വിജ്ഞാന കേന്ദ്രങ്ങൾ, ഗിരിവർഗ്ഗ പ്രദേശ ഗവേഷണ കേന്ദ്രം, നാഷണൽ ഡെമോൺസ്ട്രേഷൻ പദ്ധതി, പട്ടികജാതി പിന്നോക്കവിഭാഗ പ്രദേശ ഗവേഷണ കേന്ദ്രം, ഗ്രാമബന്ധപരിപാടി, പരിഷ്കണശാലയിൽനിന്നും പാടത്തേക്ക് എന്ന പദ്ധതി എന്നിവ വഴിയാണ് പ്രധാനമായും വിജ്ഞാന വ്യാപന പ്രവർത്തനങ്ങൾ നടത്തുന്നത്. സർവകലാശാലയുടെ വിദ്യാഭ്യാസ ഗവേഷണ സ്മാപനങ്ങളിലും വിവിധ വിജ്ഞാന വ്യാപന പരിപാടികൾ നടപ്പിലാക്കി വരുന്നു.

ആശയ വിനിമയ രംഗത്തെ ശ്രദ്ധേയവും ആകർഷകവുമായ നൂതന സമ്പർക്ക മാദ്ധ്യമങ്ങൾ ഉപയോഗപ്പെടുത്തി കാർഷിക വിജ്ഞാനം കൂടുതൽ ഫലപ്രദമായി കർഷകരിലെത്തിക്കാനുള്ള പരിപാടികൾക്ക് രൂപം നൽകിയിട്ടുണ്ട്. വിജ്ഞാന വ്യാപന രീതികളിൽ കാലികമായമാറ്റം വരുത്തുന്നതിന്റെ ഭാഗമായി അടുത്തവർഷം സർവകലാശാലയുടെ വിജ്ഞാന-വ്യാപന വിഭാഗത്തിന്റെ കീഴിൽ ഒരു വീഡിയോ ഉൽപാദന യൂണിറ്റും വീഡിയോ കാസറ്റ് ലൈബ്രറിയും ആരംഭിക്കാൻ ഉദ്ദേശിച്ചുണ്ട്.

സർവകലാശാല ഈ വർഷവും സംസ്ഥാനത്തിന്റെ വിവിധ ഭാഗങ്ങളിലായി ചെറുതും വലുതുമായ നിരവധി എക്സിബിഷനുകളിൽ പങ്കെടുക്കുകയുണ്ടായി. 1987 ലെ തൃശ്ശൂർ പൂരം പ്രദർശനത്തിൽ ഏറ്റവും മികച്ച സ്റ്റാളിനുള്ള സമ്മാനം സർവകലാശാല നേടിയെടുത്തു.

കൃഷി, മൃഗസംരക്ഷണം, മത്സ്യം വളർത്തൽ, കാർഷിക ഏൻജിനീയറിംഗ്, വനശാസ്ത്രം തുടങ്ങിയ മേഖലകളിൽ സർവ

കലാശാല കൈവരിച്ച സാങ്കേതിക നേട്ടങ്ങൾ എടുത്തു കാട്ടുന്ന ഭൃശ്യങ്ങൾ സംസ്ഥാനമെമ്പാടും പ്രദർശിപ്പിക്കുക എന്ന ലക്ഷ്യത്തോടെ അടുത്തവർഷം ഒരു മൊബൈൽ പ്രദർശന യൂണിറ്റ് ആരംഭിക്കുവാൻ പരിപാടിയുണ്ട്.

സർവകലാശാലയുടെ വിവിധ വിദ്യാഭ്യാസ ഗവേഷണ സ്ഥാപനങ്ങൾക്കും സംസ്ഥാനത്തെ വികസന വകുപ്പുകൾക്കും വേണ്ടി കളർ സ്കൈഡുകൾ, ഫോട്ടോഗ്രാഫുകൾ, ചാർട്ടുകൾ, പോസ്റ്ററുകൾ തുടങ്ങിയ ഭൃശ്യ ശ്രാവ്യ പാന സഹായികൾ തയ്യാറാക്കിക്കൊടുക്കുന്ന പരിപാടി വിപുലീകരിക്കാൻ ഉദ്ദേശമുണ്ട്.

സർവകലാശാല പ്രസിദ്ധീകരണങ്ങൾ കർഷകർക്കു ലഭ്യമാക്കുന്നതിനും പച്ചക്കറി, വിത്തുകളും മറ്റും വിൽക്കുന്നതിനുമായി മണ്ണുത്തി, വെള്ളാനിക്കര, പട്ടാമ്പി, അമ്പലമുക്ക്, പിലിക്കോട്, കുമരകം വെള്ളായണി, മഞ്ചേശ്വരം എന്നിവിടങ്ങളിലായി എട്ട് വിൽപന കേന്ദ്രങ്ങൾ നടപ്പുവർഷം പ്രവർത്തിച്ചു.

ഉദ്യാനകൃഷിയിലൂടെ ആരോഗ്യം എന്ന ലക്ഷ്യത്തോടെ ആരംഭിച്ച ഹോർട്ടിക്കൗച്ചിൽ തെറാപ്പി പദ്ധതി തിരുവനന്തപുരത്തെ ചെമ്മയർ ഹോമിലെ ശാരീരിക വൈകല്യം ബാധിച്ചവർക്കു, തൃശൂരിൽ പെരിങ്ങാട്ടൂരിലുള്ള പോസ്റ്റ് പോൾ മേഴ്സി ഹോമിലെ മന്ദബുദ്ധി കൾക്കും വേണ്ടി ഇപ്പോൾ നടപ്പിലാക്കി വരുന്നു. ശാരീരികവും മാനസികവുമായ വൈകല്യങ്ങൾ നിമിത്തം അവശത അനുഭവിക്കുന്നവർക്ക് പുനോട്ടങ്ങളുടെയും പച്ചക്കറിത്തോട്ടങ്ങളുടെയും നിർമ്മാണത്തിലൂടെ മാനസ്സികോല്ലാസവും ശാന്തിയും പകർന്നു നൽകുന്ന പരിപാടികളാണ് ഈ പദ്ധതിയുടെ കീഴിൽ നടപ്പിലാക്കുന്നത്. പദ്ധതിയുടെ നടത്തിപ്പിനുവേണ്ട വിത്തും വളവും സാങ്കേതിക ഉപദേശവുമെല്ലാം സർവകലാശാല സൗജന്യമായാണ് നൽകുന്നത്. ശാസ്ത്രീയ കൃഷി രീതി ലളിതമായ ഭാഷയിൽ കൃഷിക്കാർക്കെത്തിക്കാനുള്ള ശ്രമത്തിന്റെ ഭാഗമായി കൃഷിവിജ്ഞാന മഞ്ചരിയിൽ ഉൾപ്പെടുത്തി 21 പുസ്തകങ്ങൾ ഇതുവരെ പ്രസിദ്ധീകരിച്ചു.

പുതിയ കൃഷിരീതികളിൽ താൽപര്യം ജനിപ്പിക്കുന്നതിനും, കാര്യിക പ്രശ്നങ്ങൾ പരിഹരിക്കുന്നതിനും സമർത്ഥരായ കൃഷിക്കാരുടെ നേട്ടങ്ങൾ അംഗീകരിക്കുന്നതിനും മറ്റും വേണ്ടി നടപ്പുവർഷം സർവകലാശാലയുടെ വിവിധ സ്ഥാപനങ്ങളിലായി നിരവധി

കർഷകദിനങ്ങൾ ആഘോഷിച്ചു. ഇൻഡ്യയിലെ മറ്റു കാർഷിക സർവകലാശാലകളിലേതുപോലെ സർവകലാശാല ആസ്ഥാനമായ വെള്ളാനിക്കരയിലും വിപുലമായ തോതിൽ ഒരു കർഷകദിനം അടുത്തു നവംബറിൽ ആഘോഷിക്കുവാൻ ഉദ്ദേശമുണ്ട്.

സംസ്ഥാനത്തെയും പുറത്തെയും കാർഷിക വിദഗ്ദ്ധന്മാർക്കും വികസന വകുപ്പുദ്യോഗസ്ഥന്മാർക്കും കർഷകർക്കും നൂതന സാങ്കേതിക വിദ്യയിൽ ഉന്നത പരിശീലനം നൽകുന്നതിനാണ് 42 ലക്ഷം രൂപ മുതൽ മുടക്കോടുകൂടി മണ്ണുത്തിയിലെ കേന്ദ്ര പരിശീലന സ്ഥാപനം കഴിഞ്ഞവർഷം ആരംഭിച്ചത്. കൃഷിയ്ക്കും അനുബന്ധ വിഷയങ്ങൾക്കും പുറമെ കാർഷിക പത്രപ്രവർത്തനം, ആശയവിനിമയം, മീഡിയ മാന്യേജ്മെന്റ്, ദൃശ്യശ്രാവ്യ പഠനസഹായികൾ തുടങ്ങിയവയിലും പരിശീലന പരിപാടികൾ സംഘടിപ്പിക്കുകയും സംയോജിപ്പിക്കുകയുമാണ് കേന്ദ്ര പരിശീലന സ്ഥാപനത്തിന്റെ പ്രവർത്തനലക്ഷ്യം. സാമൂഹ്യ വനവൽക്കരണം, ഉദ്യാന കൃഷി, കൃഷ്ണകൃഷി, പത്രപ്രവർത്തനം, മൃഗസംരക്ഷണം, സസ്യ സംരക്ഷണം, കൃഷിരോൽപാദനം, ജലവിനിയോഗം തുടങ്ങിയ വിഷയങ്ങളിൽ 21 പരിശീലന പരിപാടികൾ ഈ വർഷം നടത്തി, കാർഷിക പത്രപ്രവർത്തനത്തെ സംബന്ധിച്ച രണ്ട് അഖിലേന്ത്യാ ശില്പശാലകളും ഈ വർഷം സംഘടിപ്പിച്ചു. വെള്ളായണി കാർഷിക കോളേജിലെ ട്രെയിനിംഗ് സർവീസ് സ്കീം നടപ്പുവർഷം ശക്തിപ്പെടുത്തിയിട്ടുണ്ട്. യൂണിസെഫിന്റെ സഹായത്തോടെ റൂറൽ ഹോംസയൻസ് കോളേജിൽ ആരംഭിച്ച പരിശീലന സ്ഥാപനം ഗ്രാമീണ വനിതകൾക്കും ഗ്രാമതല പ്രവർത്തകർക്കുംവേണ്ടി നിരവധി പരിശീലന പരിപാടികൾ നടപ്പുവർഷം സംഘടിപ്പിച്ചു. ലോകബാങ്ക് സഹായത്തോടെ തോട്ടവിളകളെ സംബന്ധിച്ച് ഒരുനൂതന പരിശീലന കേന്ദ്രം വരുന്നവർഷം ആരംഭിക്കുന്നതിന് ഉദ്ദേശമുണ്ട്. ഇതിന് 47ലക്ഷം രൂപയോളം ചെലവു പ്രതീക്ഷിക്കുന്നു. തോട്ടവിളകളുടെ കൃഷി പരിശീലനത്തിൽ ഇൻഡ്യയിലെ എല്ലാ സംസ്ഥാനങ്ങൾക്കും പ്രയോജനപ്പെടണമെന്ന ലക്ഷ്യത്തോടെയാണ് ഈ ഉന്നത പരിശീലന കേന്ദ്രം സ്ഥാപിക്കുന്നത്.

കാർഷിക എൻജിനീയറിംഗ് രംഗത്തെയും മറ്റു ബന്ധപ്പെട്ട വിഷയങ്ങളിലേയും പുതിയ അറിവുകൾ സംയോജിപ്പിച്ച് കൃഷി

കാർക്ക് പകർന്ന് നൽകുന്നതിനും പരിശീലന പരിപാടികൾ സംഘടിപ്പിക്കുന്നതിനും മുൻതൂക്കം നൽകിക്കൊണ്ട് അടുത്തവർഷം തവ. നൂരിലെ കേളപ്പജി കാർഷിക എൻജിനീയറിംഗ് കോളേജിൽ യൂണിവേഴ്സിറ്റിയുടെ തന്നെ ഫണ്ടുപയോഗിച്ചുകൊണ്ട് ഒരു കൃഷി വിജ്ഞാന കേന്ദ്രം ആരംഭിക്കാൻ പദ്ധതിയുണ്ട്. മഞ്ചേശ്വരം കൃഷിവിജ്ഞാന കേന്ദ്രത്തിനാവശ്യമായ സ്ഥലം ഗവൺമെന്റിൽ നിന്നും ഇതുവരെ കൈമാറിക്കഴിഞ്ഞിട്ടില്ല. ഇതിനുവേണ്ട നടപടികൾ പുരോഗമിച്ചുവരുന്നു.

(പ്രശ്നാധിഷ്ഠിത ഗവേഷണത്തിനുവേണ്ടി പ്രാദേശിക കാർഷിക പ്രശ്നങ്ങൾ ശേഖരിക്കാനും പുതിയ കൃഷിരീതികൾ നടപ്പിലാക്കുമ്പോൾ കൃഷിക്കാർ നേരിടുന്ന ചെലവുകൾ മനസ്സിലാക്കുന്നതിനുംവേണ്ടി പരീക്ഷണശാലയിൽനിന്ന് പാടത്തേക്ക് എന്ന പദ്ധതിയുടെ ഭാഗമായി പാടത്തുനിന്ന് പരീക്ഷണശാലയിലേക്ക് എന്ന ഒരു പുതിയ പരിപാടി ഇൻഡ്യൻ കാർഷിക ഗവേഷണ കൗൺസിലിന്റെ സഹായത്തോടെ ഈ വർഷം മുതൽ ആരംഭിച്ചിട്ടുണ്ട്. ഇതിന്റെ ഭാഗമായി മണ്ണുത്തിയിൽ സംഘടിപ്പിച്ച പ്രാദേശിക കാർഷിക സെമിനാറിൽ 27 വിഷയങ്ങളെ സംബന്ധിച്ച് കർഷകരുടെ പ്രതികരണങ്ങൾ ശേഖരിക്കാൻ കഴിഞ്ഞു.

പരിസ്ഥിതിയെയും, ദേശീയോദ്ഗ്രഥനത്തെയും സംബന്ധിച്ചു പത്തുദിവസത്തെ ഒരു ദേശീയ യുവജന ക്യാമ്പ് കഴിഞ്ഞ നവംബറിൽ വയനാട്ടിലെ തിരുനെല്ലിയിൽ വെച്ച് സർവകലാശാലാ നാഷണൽ സർവീസ് സ്കീമിന്റെയും വിദ്യാർത്ഥി ക്ഷേമവിഭാഗത്തിന്റെയും സഹകരണത്തോടെ നടത്തുകയുണ്ടായി. ഈ ക്യാമ്പിൽ ഇൻഡ്യയിലെ 20-ഓളം സർവകലാശാലകളിലെ വിദ്യാർത്ഥികൾ പങ്കെടുത്തു.

അച്ചടിയുംഗുണമുള്ള പുതിയ ആശയങ്ങൾ സ്വീകരിച്ചുകൊണ്ട് അടുത്ത വർഷംതന്നെ സർവകലാശാലയുടെ വർദ്ധിച്ചുവരുന്ന അച്ചടിയോടനുബന്ധിച്ച് നേരിടാൻ തക്കവിധം കാർഷിക സർവകലാശാല പ്രസ്തുത ആധുനീകരിക്കാൻ ഉദ്ദേശമുണ്ട്.

“കശുമാങ്ങ വിനിയോഗം”, “വരച്ചയെ നേരിടാനുള്ള മാർഗങ്ങൾ”, ഇന്ത്യയുടെ അൻറാർട്ടിക്കാ പര്യവേഷണ പരിപാടിയും. അ

തിന്റെ സാമ്പത്തിക പ്രാധാന്യവും'' എന്നീ വിഷയങ്ങളിൽ ശില്പശാലകളും സെമിനാറുകളും ഈ വർഷം സംഘടിപ്പിക്കുകയുണ്ടായി.

കാർഷിക കാലാവസ്ഥാ ശാസ്ത്രം, പച്ചക്കറിവിളകൾ എന്നീ വിഷയങ്ങളിൽ അടുത്ത വർഷം രണ്ടു ദേശീയ ശില്പശാലകളും, Coconut Breeding and Management എന്ന വിഷയത്തിൽ ഒരു നാഷണൽ സിമ്പോസിയവും സംഘടിപ്പിക്കുന്നതാണ്.

തൊഴിൽാഹിത യുവാക്കളെ ഉദ്ദേശിച്ചുകൊണ്ടുള്ള സ്വയം തൊഴിൽ കണ്ടെത്തൽ പരിപാടികൾ വിലയിരുത്താനുള്ള ഒരു പഠനപദ്ധതി കേന്ദ്ര ഗവൺമെന്റിന്റെയും സംസ്ഥാന ഗവൺമെന്റിന്റേയും സാമ്പത്തിക സഹായത്തോടെ ഈ വർഷം ആരംഭിച്ചു.

സംഗ്രഹം കാർഷികവൃത്തിയിലുള്ള പങ്കിനെക്കുറിച്ചു പഠിക്കുന്നതിനുള്ള ഒരുവിലകേരള സർവ്വേ അടുത്തവർഷം നടത്താനുള്ള പദ്ധതിക്ക് ഇന്ത്യൻ കാർഷിക ഗവൺമെന്റ് സഹായത്തിൽ അനുമതി നൽകിയിട്ടുണ്ട്.

ഒരു കോടി രൂപയിലധികം മുതൽ മുടക്കിൽ വെള്ളാനിക്കരയിൽ ഒരു ഗ്രാമീണ മ്യൂസിയം തുടങ്ങുന്നത് സംബന്ധിച്ച നിർദ്ദേശങ്ങൾ സാമ്പത്തിക സഹായത്തിനായി കേന്ദ്ര ഗവൺമെന്റിന് സമർപ്പിച്ചിട്ടുണ്ട്.

മരാമത്തു പണികൾ

നടപ്പുവർഷത്തേക്ക് മരാമത്തുപണികൾക്ക് 202 ലക്ഷം രൂപയാണ് വകയിരുത്തിയിരുന്നത്. എന്നാൽ സാമ്പത്തിക തെരച്ചിലും മൂലം ഇത് 186 ലക്ഷം രൂപയായി പുതുക്കി. അടുത്ത സാമ്പത്തിക വർഷത്തേക്ക് 175 ലക്ഷം രൂപയാണ് മരാമത്തുപണികൾക്കായി വകയിരുത്തിയിട്ടുള്ളത്. തുടങ്ങിവെച്ച പണികൾ പൂർത്തിയാക്കുന്നതിനും മുൻഗണനാ ക്രമത്തിൽ പണികൾ ഏറ്റെടുത്തു നടത്തുന്നതിനും ഉദ്ദേശിക്കുന്നത്. മണ്ണുത്തിയിൽ വെററിനറി കോളേജിനുവേണ്ടി ഹോസ്റ്റൽ കെട്ടിടനിർമ്മാണത്തിനായി 25 ലക്ഷം രൂപയാണ് വരുംകൊല്ലത്തേക്ക് ഉൾക്കൊള്ളിച്ചിട്ടുള്ളത്. പനങ്ങാട് ഫിഷറീസ് കോളേജിനുവേണ്ടി അക്കാഡമിക് ബ്ലോക്ക് പണിയുവാൻ 15

ലക്ഷം രൂപ നീക്കിവെച്ചിട്ടുണ്ട്. വെള്ളായണി കാർഷിക കോളേജ്, പനങ്ങാട് ഫിഷറീസ് കോളേജ് എന്നിവിടങ്ങളിൽ ലൈബ്രറി, ലബോറട്ടറി കെട്ടിടങ്ങളുടെ നിർമ്മാണത്തിനായി 8 ലക്ഷം രൂപാ വീതം വകയിരുത്തിയിട്ടുണ്ട്. വെള്ളായണി കാർഷിക കോളേജിൽ ഇൻഡോർ സ്പോർട്സ് ഹാളിന്റെ പണിയും ഉടൻതന്നെ പൂർത്തിയാക്കും.

പിലിക്കോട് പ്രാദേശിക കൃഷിഗവേഷണ കേന്ദ്രത്തിൽ പണിതീർത്ത മുഖ്യ പരിഷ്കരണശാലയും, ട്രെയിനിംഗ് ഹോസ്റ്റലും തുറന്നു പ്രവർത്തനമാരംഭിച്ചു. മാടക്കത്തറയിലെ കൈതപ്പൂക്ക ഗവേഷണ കേന്ദ്രത്തിന്റെ കെട്ടിട നിർമ്മാണം പൂർത്തിയായി.

മണ്ണുത്തിയിലെ മീററ്റ് ടെക്നോളജി ലബോറട്ടറിയും ഉടൻതന്നെ പ്രവർത്തന സജ്ജമാകുന്നതാണ്. കേന്ദ്ര പരിശീലന സാഹചര്യത്തിന്റെ കീഴിൽ ലോകബാങ്ക് സഹായത്തോടെ മണ്ണുത്തിയിലും വെള്ളായണിയിലും ഓരോ ട്രെയിനിംഗ് ഹോസ്റ്റലും പണിയാൻ ഉദ്ദേശ്യമുണ്ട്.

ഭരണവും ക്ഷേമ പ്രവർത്തനവും

നാലാം ശമ്പള കമ്മീഷൻ ശുപാർശയനുസരിച്ചുള്ള ആനുകൂല്യങ്ങൾ സർവകലാശാലയിൽ പൂർണ്ണമായും നടപ്പിലാക്കിക്കഴിഞ്ഞു. സർവകലാശാലയിലെ തൊഴിലാളികളുടെ വേതനവും പരിഷ്കരിച്ച് കൂടിശ്ശിക വേതനം മിക്കവാറും എല്ലാ കേന്ദ്രങ്ങളിലും കൊടുത്തു കഴിഞ്ഞു. ഗവേഷണ കേന്ദ്രങ്ങളിലെ പ്രവർത്തനങ്ങൾക്കും ഭംഗം വരാതിരിക്കുവാൻ ഗവേഷകരുടെയും മറ്റു സ്റ്റാഫിന്റെയും മൊത്തം അത്യാവശ്യമായ 107 തസ്തികകൾ ഈ സാമ്പത്തിക വർഷത്തിൽ സൃഷ്ടിച്ചിട്ടുണ്ട്.

ജീവനക്കാർക്കു വീടുവെയ്ക്കുന്നതിനും വാഹനങ്ങൾ വാങ്ങുന്നതിനും മറ്റും അഡ്വാൻസ് നൽകുന്നതിലേക്കായി വരും കൊല്ലം 26 ലക്ഷം രൂപ വകയിരുത്തിയിട്ടുണ്ട്. അട്യാപകർക്കും ജീവനക്കാർക്കും വേണ്ടിയുള്ള നിർദ്ദിഷ്ട ക്ഷേമനിധി ചില സാങ്കേതിക കാരണങ്ങളാൽ നടപ്പിലാക്കാൻ സാധിച്ചിട്ടില്ല. തടസ്സങ്ങൾ നീക്കി ഇതിന്റെ പ്രവർത്തനം അടുത്തവർഷം ആരംഭിക്കുന്നതാണ്.

ജീവനക്കാർക്ക് നൂതനമായ മാനേജ്മെന്റാൾയങ്ങളിൽ പരിശീലനം നൽകി ഭരണ സംവിധാനം കാര്യക്ഷമമാക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിക്കുന്നതാണ്.

കേരള കാർഷിക സർവകലാശാല യു. പി. സ്കൂൾ ഒരു ഹൈസ്കൂളായി ഉയർത്തുവാൻ തീരുമാനിച്ചിട്ടുണ്ട്. ഇത് വിദ്യാഭ്യാസ വകുപ്പിന്റെ അംഗീകാരത്തിനു വിധേയമായാണ്. ഇന്ത്യൻ കാർഷിക ഗവേഷണ കൗൺസിൽ ഡയറക്ടർ ജനറലിന്റെ നിർദ്ദേശപ്രകാരം സർവകലാശാല അദ്യോപകർഷ്ക് യു. ജി. സി. സ്കെയിൽ നട്ടപ്പിലാക്കുന്നതിനുള്ള സാമ്പത്തിക ബാദ്യത പരിശോധിച്ച് സംസ്ഥാന സർക്കാരിന്റെ പരിഗണനക്ക് ഇക്കാര്യം സമർപ്പിക്കുന്നതിന് തീരുമാനിച്ചിട്ടുണ്ട്. അദ്യോപകർഷ്ടരുടെ സ്ഥലം മാറ്റത്തിന് ഒരു പൊതുവായ മാനദണ്ഡം സ്വീകരിച്ച് നട്ടപ്പിലാക്കി.

വിദ്യാർത്ഥികളുടെ പ്രവർത്തനങ്ങൾ

വർദ്ധിച്ചുവരുന്ന ജീവിത ചെലവുകൾ കണക്കിലെടുത്തുകൊണ്ട് സർവകലാശാലയിലെ സമർത്ഥരായ ബിരുദ-ബിരുദാനന്തര വിദ്യാർത്ഥികൾക്കു നൽകിവരുന്ന ഖെരിററ് സ്കോളർഷിപ്പിന്റെ രൂപം ഈ വർഷം മുതൽ വർദ്ധിപ്പിച്ചു. സർവകലാശാലയുടെ വിവിധ കോളേജുകളിലെ ലൈബ്രറി പഠന സൗകര്യങ്ങൾ മെച്ചപ്പെടുത്താൻ ഉദ്ദേശ്യമുണ്ട്. വിവിധ കാമ്പസ്സുകളിലെ ഹോസ്റ്റലുകളുടെ നിർമ്മാണവും പുരോഗമിച്ചു വരുന്നു. പനങ്ങാട് ഫിഷറീസ് കോളേജിനോടനുബന്ധിച്ച് ഒരു വനിതാ ഹോസ്റ്റൽ നിർമ്മിക്കുന്നതിനുള്ള നടപടികൾ ഫണ്ട് ലഭ്യമാകുന്നതിനനുസരിച്ച് സ്വീകരിക്കുന്നതാണ്. ഫിഷറീസ് കോളേജിൽ നീന്തൽകുളവും, ആധുനിക കായിക പരിശീലന സൗകര്യങ്ങളും ഏർപ്പെടുത്തുന്നതിനുള്ള ബൃഹത്തായ ഒരു പദ്യതി ധനസഹായത്തിനായി കേന്ദ്ര മാനവശേഷി വികസന മന്ത്രാലയത്തിന്റെ പരിഗണനയ്ക്കായി സമർപ്പിച്ചു കഴിഞ്ഞു.

സംസ്ഥാന സർക്കാരിന്റെ നിർദ്ദേശപ്രകാരം ഹോസ്റ്റൽ ജീവനക്കാർക്ക് മിനിമം വേതനം നട്ടപ്പിലാക്കിയപ്പോൾ വിദ്യാർത്ഥികൾക്കു നേരിട്ട സാമ്പത്തിക ബാദ്യത പരിഹരിക്കാനായി വേതന വർദ്ധനവിന്റെ അമ്പതു ശതമാനം ഹോസ്റ്റലുകൾക്ക് ഗ്രാൻറായി സർവകലാശാല നൽകുന്നുണ്ട്.

വരുമാനം വർദ്ധിപ്പിക്കുക—

ഭാവിപരിപാടികൾ

കാർഷിക സർവകലാശാലയുടെ കീഴിലുള്ള എല്ലാ കോളേജുകളുടെയും മറ്റു ഗവേഷണ കേന്ദ്രങ്ങളുടെയും നിലവിലുള്ള സൗകര്യങ്ങൾ പരമാവധി പൂർണ്ണമായി ചെയ്ത് വരുമാനം വർദ്ധിപ്പിക്കുന്ന പദ്ധതികൾക്കാണ് വരും കൊല്ലം കൂടുതൽ പ്രാധാന്യം നൽകുക. ഇതിലേക്കായി ഫാക്ടറികളിലും മറ്റും ജലസേചന സൗകര്യങ്ങൾ വർദ്ധിപ്പിക്കുവാൻ സൗകര്യമുള്ളവകൾ ആരംഭിച്ചു കഴിഞ്ഞു.

മണ്ണുത്തി ഫാമിലെ പുതിയ പൗരട്രി ഫാച്ചറി, പിഗ്ഗറി ഫീഡ് യൂണിറ്റ് എന്നിവ പ്രവർത്തിച്ചു തുടങ്ങി. ഡയറി യൂണിറ്റും, മീറ്റ് പ്രോസസിംഗ് യൂണിറ്റും അധികം താമസിയാതെ തന്നെ പ്രവർത്തനം ആരംഭിക്കുന്നതാണ്.

കേന്ദ്ര സർക്കാർ സ്പെഷൽ ഫുഡ് ഗ്രെയിൻസ് പ്രോഡക്ഷൻ പ്രോഗ്രാം പതിനാലു സംസ്ഥാനങ്ങളിൽ ആരംഭിച്ചിട്ടുണ്ട്. ഈ പദ്ധതിയിൽ കേരളത്തെ ഉൾപ്പെടുത്തിയിട്ടില്ല. ഇതിൽ കേരളത്തിലെ നെൽകൃഷി കൂടി ഉൾപ്പെടുത്തിയിട്ടുണ്ടെന്നതിന് ശ്രമിക്കുന്നതാണ്.

കേരളത്തിന്റെ സമ്പദ്വ്യവസ്ഥയുടെ നട്ടെല്ലായ നാളികേര കൃഷിയെ പ്രതിസന്ധിയിൽ നിന്ന് രക്ഷിക്കാനും മറ്റു സംസ്ഥാനങ്ങളിലെ കർഷകർക്കു ലഭിച്ചു കൊണ്ടിരിക്കുന്ന ആനുകൂല്യങ്ങൾ കേരളത്തിലെ കർഷകർക്കും ലഭ്യമാക്കുന്നതിനും നാളികേരത്തെ എണ്ണക്കുരുവായി പ്രഖ്യാപിച്ചെങ്കിൽ മാത്രമെ സാധിക്കുകയുള്ളൂ. തികച്ചും ന്യായയുക്തമായ ഈ ആവശ്യം കേന്ദ്രസർക്കാർ അംഗീകരിക്കുമെന്നു പ്രത്യാശിക്കട്ടെ. അതുപോലെ തന്നെ സംസ്ഥാനത്തെ വിത്തുൽപ്പാദനം, സംഭരണം, വിതരണം എന്നീ മേഖലകളിലെ പ്രവർത്തനങ്ങൾ ഏകോപിപ്പിച്ച് നിയന്ത്രിക്കുന്നതിന് ഒരു സ്റ്റേറ്റ് സീഡ് കോർപ്പറേഷൻ രൂപീകരിക്കുന്ന കാര്യം സംസ്ഥാന സർക്കാരിന്റെ ശ്രദ്ധയിൽ പെടുത്തട്ടെ.

സർവകലാശാലയുടെ 1982-83 മുതൽക്കുള്ള കണക്കുകളുടെ ഓഡിറ്റ് ഇനിയും പൂർത്തീകരിക്കാൻ കഴിഞ്ഞിട്ടില്ല. നാളിതുവരെ

യുള്ള കണക്കുകളുടെ ഓഡിറ്റ് എത്രയും വേഗം പൂർത്തിയാക്കി സർവകലാശാലയുടെ ഓഡിറ്റ് വിഭാഗം ശക്തിപ്പെടുത്തുവാൻ തീരുമാനിച്ചിട്ടുണ്ട്.

കഴിഞ്ഞ കാല പ്രവർത്തനങ്ങളുടെ ഫലമായി കേരളത്തിലെ കാർഷിക മേഖലയിൽ സമർത്ഥമായ നേതൃത്വം നൽകാൻ സർവകലാശാലക്ക് കഴിഞ്ഞിട്ടുണ്ട്. സാമ്പത്തിക വിഷമങ്ങൾ മുന്നോട്ടുള്ള പ്രവർത്തനങ്ങളിൽ തടസ്സം സൃഷ്ടിച്ചിട്ടുണ്ടെങ്കിലും, സർവകലാശാലയിലെ അധ്യാപക അന്ധ്യാപക ജീവനക്കാരുടെയും, വിദ്യാർത്ഥികളുടെയും തൊഴിലാളികളുടെയും കൂട്ടായ പ്രവർത്തനങ്ങളിലൂടെ കൂടുതൽ അഭിമാനകരമായ നേട്ടങ്ങൾ സർവകലാശാലക്ക് കൈവരിക്കുവാൻ കഴിയുമെന്ന കാര്യത്തിൽ എനിക്കുറപ്പുണ്ട്.

ബഹുമാനപ്പെട്ട ജനറൽ കൗൺസിൽ അംഗങ്ങളുടെ സജീവ പരിഗണനക്കും, അംഗീകാരത്തിനുമായി ഈ ബുദ്ധിമുട്ടുകൾ ഉള്ളൂന്നു.