

**MINUTES OF THE XVI MEETING OF THE GOVERNING BODY OF PANDIT
JAWAHARLAL NEHRU COLLEGE OF AGRICULTURE, (KARAIKAL) SOCIETY
HELD AT 11.00 a.m. ON 23.01.'96**

VENUE: CONFERENCE HALL, CHIEF SECRETARIAT, PONDICHERRY.

PRESENT :

- | | |
|--|------------------|
| 1. Shri S.R. ARYA,
Chief Secretary | Chairman |
| 2. Shri.V.V.BHAT,
Secretary (Finance)
Secretary(Planning-cum-
Development Commissioner) | Member |
| 3. Shri K. PARTHASARATHY
Secretary (LAW) | Member |
| 4. Shri B. RAMKUMAR
Director of Agriculture | Member |
| 5. Shri R. KRISHNASAMY
Karaikal | Member |
| 6. Smt. M. DEVAKI
Karaikal | Member |
| 7. Dr.M. SUBRAMANIAN, Ph.D.
Dean, PAJANCOA, Karaikal | Member Secretary |
| 8. Er.K. MARTIN
Chief Engineer, PWD | Special Invitee |

The following members could not attend the meeting due to pre-occupation.

1. Shri, A. VENKATARATNAM,
Secretary (Education)
2. Dr.M. VELAYUTHAM,
Asst Director General (Soils), ICAR,
New Delhi.
3. Dr.S. PURUSHOTHAMAN,
Dean, A.C. & R.I.,
Madurai.
4. Shri I. VASANTHAKUMAR REDDY,
Managing Director,
PASIC, Pondicherry,
5. Shri.M. VINAYAGAM,
Pondicherry.

AGENDA NO.1: TO CONSIDER THE MINUTES OF THE XV MEETING OF THE GOVERNING BODY.

While confirming the minutes of the XV meeting of Governing Body, it was suggested to enclose the minutes of the previous meeting with the Agenda for the current meeting

AGENDA No.2: TO REVIEW THE ACTION TAKEN ON THE MINUTES OF THE XV MEETING OF THE GOVERNING BODY.

The Governing Body noted the action taken on the minutes of the earlier meeting(s) with the following comments:

SUB-item No.2/2(20): TO CONSIDER THE APPROVAL OF GPF RULES FOR THE STAFF OF PAJANCOA, KARAİKAL.

As suggested by the Development Commissioner, a meeting will be convened by the Deputy Secretary (Finance) and decision arrived will be communicated for adoption.

SUB-item No.2/11: TO CONSIDER THE PROPOSAL OF APPOINTMENT OF CAMPUS DOCTORS AT PAJANCOA, KARAİKAL.

Regarding the honorarium to be paid to the Doctors, particulars may be obtained from Navodaya School, and examined with reference to the Rules in force and put up for approval.

SUB-ITEM No.4: TO CONSIDER THE PROPOSAL OF EXTENDING HOUSE BUILDING ADVANCE FACILITIES TO THE STAFF OF PAJANCOA, KARAİKAL.

Regarding HBA, it was stated that an amount of Rs.7.00 lakhs per annum may be provided in the Budget of PAJANCOA for 3 consecutive years for operating HBA. Thereafter loan may be granted from the repayment of earlier advances. The HBA will be governed by the Rules in force of Union Territory of Pondicherry.

AGENDA No.3(a): TO CONFIRM THE CIRCULATION AGENDA ITEMS APPROVED BY THE BUILDING COMMITTEE.

The proposals vide items 1-10 were considered by the Governing Body and confirmed. (Annexure-A).

AGENDA No.3(b): TO CONSIDER THE CIRCULATION AGENDA ITEMS OF EXPENDITURE EXCEEDING Rs.10,000/-.

The Governing Body, while ratifying the expenditure incurred under Items 1-9 for Rs.13,43,939/- (Annexure B) resolved that the delegation of powers for incurring expenditure by the Dean may be revised from Rs.10,000/- to Rs.25,000/-.

AGENDA No.4 : TO CONSIDER THE PROPOSAL OF CHANGING THE NAME OF "PANDIT JAWAHARLAL NEHRU COLLEGE OF AGRICULTURE" INTO "PANDIT JAWAHARLAL NEHRU COLLEGE OF AGRICULTURE AND RESEARCH INSTITUTE".

The Governing Body, while agreeing for the change of name of the College as " Pandit Jawaharlal Nehru College of Agriculture and Research Institute", also resolved to intimate the aforesaid change to the Registrar of Societies for information. The Society will, however, continue to have the same name as of now.

AGENDA No.5 : TO CONSIDER THE PROPOSAL OF ADVERTISING THE VACANT POSTS OF ASSISTANT PROFESSORS.

The Governing Body approved the proposal and permitted the Dean to advertise the following vacancies in the category of Asst.Professors (Rs.2200-4000) in the leading dailies and to pay the advertisement charges thereof.

1. Assistant Professor (Agrl.Engineering)
2. Assistant Professor (Maths/Statistics)
3. Assistant Professor (English)
4. Assistant Professor (P.Ed., - Lady)
5. Assistant Professor (Agrl.Nematology)
6. Assistant Professor (Horticulture)
7. Assistant Professor (Agrl.Extension)

AGENDA No.6: TO CONSIDER THE PROPOSAL OF CREATION OF ASSOCIATE PROFESSOR POST FOR HANDLING P.G. COURSES.

The Governing Body while considering the proposal suggested that the filling up of posts may be considered after the implementation of P.G. programme

AGENDA No.7: TO CONSIDER THE CONVERSION OF A PORTION OF SEASONAL AGRICULTURAL LABOUR INTO DAILY RATED CASUAL LABOUR

The Governing Body requested the Dean to examine and discuss the issue with the Director of Agriculture and to arrive at a uniform wage policy, viz., minimum wages prescribed for agricultural labour in the Karaikal region.

AGENDA No.8: TO CONSIDER THE PROPOSAL OF CREATING ONE POST OF SENIOR RESEARCH FELLOW (SRF) IN THE DEPARTMENT - PLANT PATHOLOGY.

The Governing Body considered the proposal and requested the Director of Agriculture to release the entire amount of Rs.8.00 lakhs including staff component, so as to enable the Dean to appoint the Senior Research Fellow (Plant Pathology) at consolidated pay of Rs.3000/- per month and incur the expenditure in this regard.

AGENDA No.9: TO CONSIDER THE PROPOSAL OF AVAILING THE SUBSIDY GRANTED FOR CONSTRUCTION OF A GREEN HOUSE.

The Governing Body approved the proposal of construction of a Green House for Horticulture Department of PAJANCOA at a cost of Rs.3.00 lakhs availing the subsidy of Rs.1.00 lakhs from Govt. of India.

AGENDA NO.10: TO CONSIDER THE PROPOSAL FOR CREATION OF POSTS FOR COMPUTER CENTRE

The Governing Body approved the proposal and agreed for the creation of one post of Asst.Professor (Rs.2200-4000), one post of Asst.Programmer (Rs.1640-2900) and one post of Data Entry Operator (Rs.1350-2200).

AGENDA No.11: TO CONSIDER THE PROPOSAL OF STARTING B.Sc.(Horticulture) COURSE IN PAJANCOA

The Governing Body approved the proposal and agreed for the creation of one post of Associate Professor (Rs.3700-5700) and one post of Assistant Professor (Rs.2200-4000) with specialisation in Horticulture.

AGENDA No.12: TO CONSIDER THE CREATION OF POST (TEACHING/NON-TEACHING)

The Governing Body agreed for the creation of 6 posts of Sanitary Assistant/Sanitary Helper in the scale of Rs.750-940. Regarding the post of Marker to help the Phy.Director in marking the tracks, grounds of various games, issuing and collection of sports articles from students daily, it was suggested to engage a Marker on daily rated basis.

AGENDA No.13: TO CONSIDER THE PROPOSAL OF SALINE RICE SCHEME

The Governing Body considered and approved the proposed scheme on "Evolution of rice varieties for Coastal Salinity of U.T. of Pondicherry" for 5 years with the total expenditure of Rs.10.64 lakhs. This scheme will be operated in the hotspot areas of PAJANCOA during Kar, Samba and Navarai seasons by the two Senior Research Fellows (Breeding and Soil Science).

AGENDA No.14: TO CONSIDER THE RECRUITMENT AND APPOINTMENT OF ASSISTANT PROFESSORS.

The appointment of the Asst. Professors in the following disciplines based on the recommendations of the Staff (Teaching) Selection Committee was approved.

- | | |
|-------------------------|-----------------------------------|
| 1. Mr.R. Poonguzhalan | Asst.Professor (Agronomy) |
| 2. Mr.A.L.Narayanan | Asst.Professor (Agronomy) |
| 3. Mr.R. Mohan | Asst.Professor (Agronomy) |
| 4. Mr.T.Ramanadane | Asst.Professor (Seed Technology) |
| 5. Mr.S.George Paradise | Asst.Professor (Animal Husbandry) |
| 6. Mr.V.Krishnan | Asst.Professor (Plant Breeding) |

AGENDA No.15: TO CONSIDER THE PROPOSAL FOR THE PURCHASE OF A NEW BUS FOR STUDY TOUR AT PAJANCOA

The Governing Body considered and approved the proposal of purchase of a new bus after observing the purchase procedure and also approved the creation of one post of Driver Gr.III in the scale of pay of Rs.950 - 1500.

AGENDA No.16: TO CONFIRM THE WAGE INCREASE GIVEN TO FARM CASUAL WORKING AT PAJANCOA, KARAIKAL.

The Governing Body confirmed the wage increase from Rs.27/- to Rs.29/- per day since 1.12.94 as approved in circulation agenda.(ANNEXURE - C).

AGENDA No.17: TO CONSIDER THE PROPOSAL OF THE REVISED ESTIMATE FOR 1995-96 AND BUDGET ESTIMATE FOR 1996-97 FOR PAJANCOA, KARAIKAL.

The Governing Body considered and approved the Revised Estimate for 1995-96 at Rs 658 lakhs and Budget Estimate for 1996-97 at Rs 700 lakhs.

AGENDA No.18: TO CONSIDER THE APPROVAL OF ACTION PLAN OF BUILDING PROGRAMME FOR THE YEAR 1996-97 AND 1997-98.

The Governing Body suggested to give top priority for construction of Hostels for boys and girls and bring down the items 7,10,12,13 and 17 at the end while prioritising the capital works for execution.(ANNEXURE-D). . D).

AGENDA No.19: TO CONSIDER THE PROPOSAL OF MINOR WORKS AT PAJANCOA, KARAIKAL.

The Governing Body, while approving the proposal, restricted the amount earmarked for item No.16 to Rs.3.00 lakhs instead of Rs.4.50 lakhs and suggested that the construction of cement godown may be designed to suit future utility also.(ANNEXURE - E).

AGENDA No.20: TO CONSIDER THE PROPOSAL OF UPGRADATION/REDESIGNATION OF POSTS OF DRIVERS

The Governing Body considered and approved the 3 categories of Drivers.viz, Grade-I (Rs.1320-2040) - 1 post, Grade-II (Rs.1200-1800) - 2 posts and Grade-III (Rs.950-1500) - 3 posts and also approved the postings against each category purely on ad-hoc basis as approved by circulation agenda.

Grade-I - Rs.1320-2040 - Thiru G. Sivakumar

Grade-II - Rs.1200-1800 - Thiru M. Sivakesapandian
Thiru M. Gabriel

ANY OTHER ITEM: TO CONSIDER CREATION OF SUPPORTING STAFF TO ENGINEERING CELL.

The Governing Body approved the creation of 2 posts of Junior Engineers (Civil) in the scale of pay of Rs 1400-2300 and permitted the Dean to frame necessary Recruitment Rules with a proviso to give priority to those who are already working in PAJANCOA and submit for approval.

DEAN.

ANNEXURE - A

ITEM NO.1 : To consider the proposal of "Construction of Administrative Block for PAJANCOA at Sorakudy".

As directed by the Building Committee, pre-qualification has been done under categories based on the estimated cost of works to be executed. Details are as given below.

Category 'A' - Works costing upto Rs.3.00 crores
Category 'B' - Works costing upto Rs.2.00 crores.

Accordingly, the following eight firms were approved by the Building Committee for Category 'A'

- 1.M/s.Annapurna Engineering Works, Vijayawada
- 2.M/s.Bricksteel Enterprises, Salem.
- 3.M/s.Economic Construction, Pondicherry.
- 4.M/s.Hindustan Steel Works construction Ltd., Bangalore.
- 5.M/s.National Building Construction Corporation Ltd., Bangalore.
- 6.M/s.Sri Gowri and Company, Pondicherry.
- 7.M/s.Sakthi Construction, Chidambaram.
- 8.M/s.Vijaya Engineering Works, Vijayawada.

for Category 'B'

- 1.M/s.Annapurna Engineering Works, Vijayawada.

The tender notice for the "Construction of Administrative Block" was sent to all the eight pre-qualified firms. This is the second call. In response to this call, six firms have participated. Among the six tenderers, the lowest rate is quoted by M/s.Vijaya Engineering Constructors, Pondicherry for Rs.2,45,24,001/-

which is 1.12% below the estimated cost put to tender of Rs.2,48,02,334/-. Based on the approval of the Building Committee, the work was awarded to M/s. Vijaya Engineering contractors, Pondicherry, at 1.12% below the estimated cost put to tender. The work is in good progress.

Approval of Governing Body is requested.

ITEM No.2: To consider the proposal of "Providing internal electrification to the Administrative Block for PAJANCOA".

- (a) The draft N.I.T. for this work has been approved by the Principal Engineer, Public Works Department.
- (b) Tenders were floated through leading news papers. This is the first call. In response three tender schedules have been purchased and only single tender has been received from M/s. Ganapathy Electrical Engineering Company, Madras, who has quoted an amount of Rs.13,78,353/- which is 10.92% below the estimated cost of Rs.15,47,309/- put to tender, was approved by the Building Committee. Approval of Governing Body is requested,

ITEM NO,3 : To consider the proposal "purchase of 850 M.T. of cement for the Construction of Administrative Bloc".

- (a) Sealed quotations were called for in the leading newspapers from the manufacturers/ authorised dealers for the purchase of cement. This is the second call. In response, four quotations were received. Among them M/s. PASIC, Pondicherry was approved by the Building Committee, at the rate of Rs.136.53/bag.

(b) The Managing Director, PASIC, requested advance money for placing order for 400 M.T. of cement. Accordingly, 50% of the amount was paid in advance for 400 M.T. of cement to a tune of Rs.5,46,120/- (400 M.T. @ Rs.2,730.60 x 50%) to M/s. PASIC.

The action taken for approval of the lowest quotation and drawal of advance by the Building Committee may be approved.

ITEM NO.4: To consider the proposal "purchase of steel from SAIL for the construction of Administrative Block".

(a) As decided by the Building Committee, the Steel Authority of India Ltd., Pondicherry was addressed and their rates were approved by the Building Committee as follows.

(i)	8mm R.T.S. bars	56.00 MT	Rs.14,855.00/MT
(ii)	10mm R.T.S. bars	13.00 MT	Rs.14,740.00/MT
(iii)	16mm R.T.S. bars	23.00 MT	Rs.14,257.00/MT
(iv)	20mm R.T.S. bars	37.00 MT	Rs.14,084.00/MT
(v)	25mm R.T.S. bars	2.00 MT	Rs.14,084.00/MT
(vi)	32mm R.T.S. bars	14.00 MT	Rs.13,762.00/MT

plus sales tax @ 3%

Total cost of Rs.21,56,156/-

(b) An advance amount of Rs.20,48,350/- at 95% of the total cost had been paid to the SAIL as per the terms and conditions.

(c) Supply order for 45 MT of 12mm R.T.S. bars was placed to the SAIL at Rs.14,932/MT plus tax @ 3% amounting to Rs.6,92,098/- for which an advance amount Rs.6,57,493/- towards 95% of the total cost had been paid to SAIL.

The approval of rates and drawal of advance by the Building Committee may be confirmed.

ITEM NO.5 To consider the proposal "Operation and maintenance of water supply system for PAJANCOA"

The detailed estimate for "Operation and maintenance of water supply system" for an amount of Rs.99,000/- was approved by the Building Committee, which may be confirmed by the Governing Body.

ITEM NO.6 To consider the proposal "Construction of compound wall in the central farm complex in the Western block for PAJANCOA at Sorakudy"

The Extra Item necessiated during execution was approved by the Building Committee for an amount of Rs.70,404/-. Continuation of the Governing Body is requested.

ITEM NO.7 To consider the proposal "Replacement of Class room Chairs damaged during the Cyclone in December 1993."

The lowest quotation of M/s.Karungulam Carpentry and Blacksmithy Workers Industrial Co-operative Society Ltd., Trichy for the supply of Teak wood tables and chairs for students was approved by the Building Committee for an amount of Rs. 2,32,360/-. Supply was effected. payment had been made.

Continuation of Governing Body is requested.

ITEM NO.8 To consider the proposal of "Construction of Boys Hostel for PAJANCOA at Sorakudy".

(a) The detailed estimate for the work was approved by the Building Committee amounting to Rs.3,42,00,000/-

(b) The Draft N.I.T for this workd was approved by the Principal Engineer.

(c) The tender notices were communicated to all the eight pre-qualified firms. Five of them have purchased the tender schedule. All the five firms have remitted the required E.M.D. in the prescribed manner. Comparative statements have been submitted to Building Committee for approval.

The Governing Body is requested to confirm the detailed estimate approved by the Building Committee.

ITEM NO.9 : To consider the proposal of "Supplying of R.C.C. hume pipe to the irrigation channels in the Western block for PAJANCOA"

The tender for the "Supplying and fixing R.C.C. hume pipe with cross masonry structures to the irrigation channels in the Western Block was rejected due to abnormally higher rate by the contractor. Subsequently, the estimate was modified to current schedule of rates. Only for the supply of pipes to an amount of Rs.2,25,000/- and technically sanctioned. Sealed tenders were called for after giving wide publicity in the leading newspapers. This is the second call. In response, three firms have purchased tender schedules. Only the firm M/s.N.C.M. Associates, Trichy, have participated in the tender and the single tenderer is a manufacturing Company of cement pipes, who have quoted an amount of Rs. 2,13,907/- which is 2.80% above the estimated cost of Rs.2,08,083/-. The tender was approved by the Building Committee and supply order was placed.

Confirmation of the Governing Body is requested.

10.10: To consider the proposal of "Supplying of R.C.C. hume pipe to the irrigation channels in the Eastern block for PAJANCOA"

The tender for the "Supplying and fixing R.C.C. hume pipe with cross masonry structures to the irrigation channels in the Eastern block" was rejected due to higher rate quoted by the contractor during the first call. Subsequently, the estimate was modified to current schedule of rates only for the supply of pipes to an amount of Rs.1,85,000/- and technically sanctioned.

Sealed tenders were called for after giving wide publicity in the leading newspapers. This is the second call. In response to, four firms have purchased tender schedules. Only the firm M/s. M.C.H. Associates, Trichy have participated in the tender and the single tenderer is a Manufacturing Company of cement pipes, who have quoted an amount of Rs.1,71,585/- which is 2.81% above the estimated cost of Rs.1,66,888/- put to tender. The tender was approved by the Building Committee and supply order placed. Contribution of Governing Body is requested.

Amount
10,833.00
18,432.00
21,912.00
22,711.00
25,580.00
16,320.00
28,010.00
32,708.00
12,165.00
18,324.00
22,700.00
23,903.00
15,884.00
19,713.00
22,342.00
1,44,740.00
12,480.00

3. Purchase of Stationery and Printing materials from the Directorate of Stationery and Printing, Pondicherry
4. Advertisement Expenditure for Admission of Students
Indian Express 22,340.00
Dipawala 1,12,500.00
5. Service contract for the maintenance of Photo Copier

ANNEXURE - B

Sl.No.	Name of Item	Amount
1.	H.T. consumption Charges	
	for 6/95	21,652.00
	for 7/95	16,432.00
	for 8/95	21,972.00
	for 9/95	22,711.00
	for 10/95	22,560.00
	for 11/95	16,320.00
2.	P.O.L. and Vehicle (Repairing) charges	
	P.O.L.	32,708.00
	P.O.L.	12,155.00
	P.O.L.	18,326.00
	Repairing Charges to Py.o2-0311	25,000.00
	P.O.L.	23,953.00
	Annual Insurance to Py.02-1197	12,864.00
Repairing of Vehicle	19,713.00	
3.	Purchase of Stationery and Printing materials from the Directorate of Stationery and Printing, Pondicherry	52,342.00
	Advertisement Expenditure for Admission of Students	
4.	Indian Express	32,240.00
	Dinamalar	1,12,500.00
		1,44,740.00
5.	Service contract for the maintenance of Photo Copier	12,480.00

•	3% share for Legal cell from 1.1.94 to 30.9.94	18,657.00
•	Purchase of Laboratory equipments and Office equipments	
	Hot air oven	15,750.00
	Water Cooler - Voltas.	23,227.00
	Gestetner	24,685.00
	Rain coat	12,870.00
	Air conditioner - Voltas	54,399.00
	Stipend to Students under Village Stay Programme	14,500.00
	Electronic Type Writer & Fax machine	41,042.00
8.	Purchase of Wooden and Steel Furniture	5,32,488.00
9.	Purchase of Books	<u>1,10,383.00</u>
		<u>13,43,939.00</u>

The Governing Body is requested to approve/ratify the action of the Dean, PAJANCOA, Karaikal in incurring the above expenditure.

ANNEXURE - C

The Fourteenth Governing Body has approved Rs.658.00 lakhs as Budget Estimate for this college for 1995-96. But an amount of Rs.350.80 lakhs alone has been allotted by the Government during this year. Due to lack of funds, various programmes as per the master plan/Action plan could not be undertaken.

The Revised Estimate for 1995-96 and the Budget Estimate for 1996-97 are proposed as Rs.658 lakhs and Rs.700.00 lakhs respectively. The abstract details are as follows:

	Revised Estimate (1995-96) (Rs.in lakhs)	Budget Estimate (1996-97) (Rs.in lakhs)
1. Recurring	151.00	150.00
2. Non-Recurring	57.00	50.00
3. Building	450.00	500.00
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	658.00	700.00
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The details of requirements under various minor heads, sub-heads, works etc., are furnished in the Annexure.

The Governing Body is requested to consider the proposal and approve the R.E. for 1995-96 as Rs.658.00 lakhs and B.E. for 1996-97 as Rs.700.00 lakhs for PAJANCOA(Karaikal) Society.

ANNEXURE- I

OUTLAY AT A GLANCE

CTOR: AGRICULTURE Total No. of Schemes : 1
 Actual Expenditure for 1994-95 : Rs.195.53. Lakhs
 Approved Outlay for 1995-96 : Rs.350.80 Lakhs
 Revised Outlay for 1995-96 : Rs.658.00 Lakhs
 Proposed Outlay for 1996-97 : Rs.700.00 Lakhs

(Rs. in lakhs)

Name of the Scheme	1994-95		1995-96				1996-97	
	Actual Expenditure	Approved outlay	Approved outlay		Revised outlay		proposed outlay	
			Total	For SCs	Total	For SCs	Total	For SCs
2.	3.	4.	5.	6.	7.	8.	9.	
Agricultural Research Education and Transfer of Technology programme	195.53	350.80	-	658.00	-	700.00	-	
Total	195.53	350.80	-	658.00	-	700.00	-	

ANNEXURE - I

OUTLAY AT A GLANCE

TOR; AGRICULTURE

Scheme No:11

Implementing Department : Agriculture.

Region : KARAIKAL.

Name of the Scheme : Agricultural Research Education and Transfer Technology Programme.

Objective of the Scheme:

- a) To provide and strengthen the Infrastructure in terms of lands, buildings and other resources required for establishment of Pandit Jawaharlal Nehru College of Agriculture, Karaikal (started in the Year 1987-88) at the approved Project site in order to conduct the B.Sc., (Ag.) Degree Programme, faculties.
- b) It is also proposed to undertake the P.G. Programme in four faculties viz., Agrl. Botany, Agronomy, Agrl. Entomology and Agrl. Chemistry and research programme during 1995-96. The College is proposed to be covered as full fledged Agricultural Research Centre and also a Training centre to cater the needs of Union Territory of Pondicherry.
- c) The training imparted to farmers will be enlarged and training of farm youth as well as short term vocational training for Farm Operation, Water Management, Food processing, Agro Industries, Ecology etc., will also be undertaken at this College. Steps will also be taken to start additional faculties in B.Sc., (Ag.) and M.Sc., (Ag) programmes.

Construction of Administrative complex, Hostel (Boys & Girls) will be started during 1995-96.

Annual Plan 1994-95.		Rs. in lakhs
a) Actual Expenditure	:	195.53
b) Physical achievements	:	60 Students admitted to B.Sc.(Ag.)
a) Approved outlay for 1995-96:		<u>Total</u>
		350.80
b) Revised Outlay for 1995-96 :		658.00
c) Details of expenditure		
I. <u>Non-Recurring</u>		

R.E. 1995-96
(Rs. lakhs)

<u>Printing:</u>	
Stationery	5.00
Machinery & equipment:	8.00
- equipment:	12.00
- zoological equipment:	1.00
- typewriter & printer:	2.00
- office equipment:	4.00
- telephone:	2.00
- Audio Visual Equipments:	5.00
- books:	4.00
- medical education & sports:	3.00
- other developments:	11.00
	<u>Total - I 657.00</u>
<u>Printing:</u>	
- & Allowances	90.00
- travelling expenses	4.00
- salaries	10.00
- office contingencies	4.00
- fuel consumption	2.00
- books & periodicals	4.00
- postage, Advertisement/expenses:	3.00
- electricity	1.25
- maintenance of vehicles	6.00
- cultivation expenses	8.00
- grants & Advance	2.00
- chemicals & Glass wares	6.00
- stationery & printing	2.50
- telephones	1.50
- meetings seminars & workshops	1.00
- other charges maintenance	1.00
- admission fees	0.25
- students tour	2.50
- miscellaneous expenditure	1.00
- other expenses	1.00
	<u>Total - II 151.00</u>
Other programme	450.00
	<u>Total 658.00</u>

20-0001 - 3-1
 d) Details of Physical Targets :

	<u>Total</u>	<u>Scs</u>
i) No. of students admitted for B.Sc. (Agr.) Course	60	10
ii) Farm youth training programme in three batches per year each batch of 15 to 20 trainees (1 to 4 trainees & from S.C.) In Nos.	60	20
iii) Refresher course to Teaching staff	6	--
iv) Inservice Training programme for Agricultural Technical Officers working in other departments	15	--
v) Inservice training programme to staff	3	--
vi) Conduct of skilled training programme based on village surveys and farmers to cover 10 villages and a minimum of 100 farmers in a year	100	20
vii) Conduct of need based research programme throughout the year	3	--
viii) Purchase of computer with accessories	1	--
ix) Repeating Asset Professor for Ph.D. Programme	2	--

COSTS:

1. Professor	--	
2. Associate Professor	--	
3. Assistant Professor	--	
4. Superintendent Gr.1	--	
5. Assistant	--	
6. UDC	--	
7. LDC	--	
8. Stenoke per	--	
9. Computer Operator	--	
10. Group 'D'	--	
11. Drivers (Tractor)	--	
	<u>Total</u>	(Rs. Lakhs)

a) Proposed Outlay for 96-97	--	700.00	<u>Scs</u>
87	00.1		
	00.121		
	00.028		...4.
	00.023		

-4-

Statement of Expenditure:

NON-RECURRING:		BE-96-97
		(Rs. Lakhs)
Furniture		5.00
Farm machinery & Equipments		5.00
Lab equipments		15.00
Meteorological equipments		-
Dairy & Poultry		1.00
Office equipments		4.00
Hostel Utensils		2.00
Audio Visual Equipments		5.00
Vehicles		5.00
Physical education & sports		3.00
Farm developments		5.00
	Total	50.00
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RECURRING:		
Pay & Allowances		90.00
Travelling expenses		3.00
Wages		10.00
Office contingencies		4.00
Current consumption		2.00
Books & Periodicals		5.00
Admission, Advertisement/ expenses		3.00
Rent		1.25
Fuel/maintenance of vehicles		6.00
Cultivation expenses		8.00
Loans & Advances		2.00
Lab chemicals & Glasswares		5.00
Stationery & Printing		2.50
Telephones		1.50
Meeting seminars & workshops		1.00
Water charges/maintenance		1.00
Farm expenses		1.00
Examination fees		0.25
Students tour		2.50
Miscellaneous expenditure		1.00
		150.00
		500.00
		700.00

Details of Physical Targets :	Total	500
1) No. of students admitted for B.Sc. (Ag.) Course	60	10
2) Farm youth training programme in three batches per year each batch of 15 to 20 trainees (3 to 4 trainees & from S.C.	60	20
3) Refresher course to Teaching staff	6	--
4) Inservice training programme for agricultural Technical Officers working in other departments	15	--
5) Inservice training programme to staff	3	--
6) Conduct of field training programme based on village surveys and farmers to cover 10 villages and a minimum of 100 farmers in a year.	100	20
7) Conduct of field based research programme throughout the year	13	--
8) Purchase of computer with accessories	1	--
9) Deputing Asst. Professor for Ph.D Programme	2	--
POSTS:		
1. Professor	:	
2. Associate Professor	:	
3. Assistant Professor	:	
4. Superintendent Gr.I	:	
5. Assistant	:	
6. UDC	:	
7. LDC	:	
8. Storekeeper	:	
9. Computer Operator	:	
10. Group 'D'	:	
11. Drivers (Tractor)	:	
: Continuing Scheme.		
	150.00	
	200.00	
	100.00	

ANNEXURE - D

Name of the work	Tentative Est. Cost Rs. in lakhs	Funds required for the year(s)		
		'96-97	'97-98	
2.	3.	4.	5.	
Construction of Boys and Girls hostel for PAJANCOA	355.00	100.00	150.00	
Construction of Post Graduate students Hostel	170.00	70.00	100.00	
Construction of field labs in the Western and Eastern block	10.00	10.00	--	
Realignment of Channels and improvement works in the farm in the Eastern/Western blocks	15.00	15.00	--	
Construction of Academic Building	--	30.00	40.00	
Construction of OHT & Water supply distribution system in the Eastern Block	50.00	40.00	10.00	
Construction of compound wall in the Eastern Block	40.00	15.00	25.00	
Construction of Pot culture House	10.00	5.00	5.00	
Providing drainage facilities to the college campus in the central Farm complex for PAJANCOA	5.00	5.00	--	
Construction of pumphouse near water harvesting pond I in Eastern block for PAJANCOA at Sorakudy	0.90	0.90	--	
Construction of pumphouse near water harvesting pond II in Eastern block for PAJANCOA at Sorakudy	0.90	0.90	--	
Construction of pumphouse near water harvesting pond II in Western block for PAJANCOA at Sorakudy.	0.90	0.90	--	
Digging of irrigation pond in the Western Block (To store water for utilisation in the lean period of irrigation and to stabilise the sub water base)	15.00	15.00	--	

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	Tentative Est. Cost Rs. in lakhs	Funds required for the year(s)	
		'26-'27	'27-'28
		Rs. in lakhs	
14. Remetalling and B.P. for the arterial road in the Eastern block for PAJANCUA at Sorakudy (Phase II)	25.00	25.00	--
15. Construction of Dispensary	30.00	10.00	20.00
16. Erection of L.T.pillar box and laying of U.G. cable in the Eastern block for PAJANCUA	22.00	5.00	--
17. Laying of U.G. cable and erection of Street light poles around the arterial road for providing street lights	15.00	10.00	5.00
18. Improvements to Botanical garden (developing the site, red soil and other allied infrastructural works)	15.00	15.00	--

ANNEXURE - E

Name of Work	Estimate Cost
Construction of temporary shed adjacent to control room for Agronomy Store	Rs. 72,000.00
Construction of bed dam across pathakudy channel in the Eastern block for PAJANCOA.	Rs. 45,000.00
Extension of Main Office for store room in the central farm complex	Rs. 13,000.00
Formation of Play ground in the central farm complex.	2,40,000.00
Improvement to soil science lab in the central farm complex	53,000.00
Additional improvement for computer room in the processing & Recycling unit building in the Wester Block	83,000.00
Providing bird cage for Botanical garden in the Western block for PAJANCOA	43,000.00
Providing and fixing basket ball back board with supports for the basket ball court for PAJANCOA	55,000.00
Improvements to the Central island in central farm complex	22,000.00
Extension of Boys hostel in the central farm complex for PAJANCOA	86,000.00
Construction of additional temporary shed for conference hall (East) for PAJANCOA at Sorakudy	83,000.00
Construction of additional temporary shed for conference hall (West) for PAJANCOA at Sorakudy	83,000.00
Extension of girls hostel in the central farm complex	1,15,000.00
Construction of cement godown for PAJANCOA	6,90,000.00

- 15. Construction of Mush room mother spawn production centre for PAJANCOA 4,75,000.00
- 16. Constraction of green house for PAJANCOA 4,50,000.00
- 17. Additional Improvements to culture room in Plant Pathology and Microbiology for PAJANCOA 62,000.00
- 18. Providing tree ground for Horticulture department in C.F.C. for PAJANCOA 6,750.00
- 19. Additional Improvement in the Examination hall I (East) for dispencery in C.F.C. for PAJANCOA 15,000.00
- 20. Formation of Badminton court in C.F.C. for PAJANCOA 35,000.00

PROJECT PROPOSAL

TITLE: EVOLUTION OF RICE VARIETIES SUITABLE FOR COASTAL SALINE AREAS OF UNION TERRITORY OF PONDICHERRY.

RESEARCH SCHEME PROPOSALS

EVOLUTION OF RICE VARIETIES SUITABLE FOR COASTAL SALINE AREAS OF UNION TERRITORY OF PONDICHERRY

PANDIT JAWAHARLAL NEHRU COLLEGE OF AGRICULTURE
NEDUNGADU P.O.,
KARAIKAL 609 603.

PROJECT PROPOSAL

TITLE: EVOLUTION OF RICE VARIETIES SUITABLE FOR COASTAL SALINE AREAS OF UNION TERRITORY OF PONDICHERRY.

Introduction:

Rice is cultivated in the Union Territory of Pondicherry in about 25,000 ha of land, where a very limited extent of area comes under Kuruvai crop in Karaikal and a considerable area is brought under medium duration rice varieties during Thaladi/Samba seasons in both Karaikal as well as Pondicherry region. At present, the rice varieties like ADT36, TKM9, IR50 and ADT37 in Kuruvai and IR20, Improved White Ponni, ADT38, ADT39 and CO45 are the popular varieties grown during Samba/Thaladi seasons. As these area is affected mostly by coastal salinity, the farmers are not harvesting satisfactory yield out of these rice varieties. They harvest 2.4 tonnes of rice/ha. as against 3.2 tonnes/ha. harvested by Tamil Nadu farmers. The saline/alkaline rice varieties viz., CO43 and TRY1 were also introduced to study the performance at this Union Territory of Pondicherry. The productivity level of these varieties under this coastal salinity is not also encouraging since they are exclusively bred for inland salinity. Besides they were not able to tolerate brackish irrigation water from the bore wells of this coastal belt. Therefore an exclusive breeding programme to develop a short as well as medium duration rice variety tolerant to coastal salinity will go a long way in realising high productivity as well as high return from these rice crops. So far, no research programmes were launched in this Union Territory of Pondicherry to develop high yielding rice varieties suitable to the coastal saline problem. Considering the importance of the soil and water problem and low productivity level of rice in Pondicherry Union Territory,

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which always use borrowed technologies from nearby state like Tamil Nadu, strengthening of research activities particularly in the important food crops like rice is of immediate need. The research activities proposed will be carried out at JANCOA, Karaikal the representative area for the coastal salinity of Pondicherry Union Territory. The ensuing research projects will brought to light the high yielding rice genotypes tolerant to coastal salinity of Union Territory of Pondicherry which will be popularised among the farmers of Union Territory of Pondicherry for large scale cultivation replacing all the conventional varieties resulting in high productivity and production of rice in this Union Territory.

Objective:

Evolution of high yielding short and medium duration rice varieties tolerant to coastal salinity of Union Territory of Pondicherry.

Technical Programme:

Breeding

1. Collection of rice genotypes from different centres and study their performance under stress condition.
2. Selection of parents with tolerance to coastal salinity.
3. The adapted parents namely, ADT.36 andTKM.9 for short duration types and ADT.38 for medium duration are used as pistil parents. The selected donors will be used as pollen parents and hybridization will be effected.
4. Effecting crosses between the Adapted parents and F1 within similar duration groups.
5. Studying the segregating Backcross (Bc1) progenies as well as the F2 segregants in saline prone areas and selection single plant progenies having tolerance/resistance to salinity and higher yield potential and grain quality.

6. Selected single plants in Advanced generations viz., BC, F3 and F4 will be raised in replicated trials in problem soil after they attain homozygosity.
7. The promising lines will be evaluated under field stress conditions. The best cultivar screened will be evaluated in MLT. In addition they will be evaluated in on farm trials and ART in the coastal region.

B. Soil Science

1. Evaluation of cultivars under simulated stress conditions (Pot culture studies).
2. Analysis of soil and water samples from the breeding plots at planting, tillering, panicle initiation, flowering and maturity.
3. Plant analysis for sodium potassium ratio, protine content and Btine analysis.
4. Studies on nutrient up take under stress conditions.

Staff Pattern:

Designation of post	No. of posts	Scale of pay	Qualification prescribed
1. Senior Research Fellow (Plant Breeding)	1	Rs. 3000/- (consolidated monthly pay)	M.Sc.(Ag.) in Plant Breeding
2. Senior Research Fellow (Soil Science)	1	-do-	M.Sc.(Ag.) in Soil Science & Agrl. Chemistry.

Duration of Scheme:

5 Years
(vide Annexure)
(Details in the Annexure)

Budget:

NO.	POST								
1. Pay of Establishment									
		Rs.3000/-	2	72,000	72,000	72,000	72,000	72,000	3,60,000
		Senior Research Fellow							
		consolidated pay per month							
2. Travelling Allowance									
				8,000	8,000	8,000	8,000	8,000	40,000*
		Total		80,000	80,000	80,000	80,000	80,000	4,00,000
3. Contingencies:									
Recurring									
i) Cost of cultivation for 3 seasons per year									
				20,000	25,000	30,000	35,000	35,000	1,45,000
ii) Cost of paper bags, thread and temporary storage materials									
				5,000	6,000	7,000	8,000	9,000	35,000
iii) Cloth bags									
				5,000	6,000	7,000	8,000	9,000	35,000
iv) Misc.Charges & other contingencies									
				5,000	5,000	5,000	5,000	5,000	25,000
v) Hot & Cold weather charges									
				1,000	1,000	1,000	1,000	1,000	5,000
vi) Purchase of Seeds & Plants									
				2,000	2,000	2,000	2,000	2,000	10,000
vii) Purchase of Chemicals									
				5,000	5,000	5,000	5,000	5,000	25,000
		Total		43,000	50,000	57,000	64,000	66,000	2,80,000
Non-Recurring									
i) Scientific equipment									
				2,00,000	-	-	-	-	2,00,000
ii) Power operated single plant thrasher									
				15,000	-	-	-	-	15,000
				10,000	-	-	-	-	10,000
iii) Weighing balance									
				30,000	-	-	-	-	30,000
iv) Glasswares									
				3,000	1,500	1,500	1,500	1,500	9,000
v) Gunnies									
				10,000	-	-	-	-	10,000
vi) Storage bins									
				20,000	-	-	-	-	20,000
vii) Steel storage Cabinets									
				75,000	-	-	-	-	75,000
viii) Seed weighing & Seed counter									
				15,000	-	-	-	-	15,000
ix) Furniture									
				3,78,000	1,500	1,500	1,500	1,500	3,84,000

Receipts

Sale of Farm produce	-	1,500	1,500	1,500	1,500	6,000
Total	-	1,500	1,500	1,500	1,500	6,000

Abstract

Particulars	Budget					Total
	I year	II year	III year	IV year	V year	
Pay of Establishment	72,000	72,000	72,000	72,000	72,000	3,60,000
Travelling Allowance	8,000	8,000	8,000	8,000	8,000	40,000
Contingencies Recurring	43,000	50,000	57,000	64,000	66,000	2,80,000
Non-Recurring	3,78,000	1,500	1,500	1,500	1,500	3,84,000
Total	5,01,000	1,31,500	1,38,500	1,45,500	1,47,500	10,64,000

Receipts

	-	1,500	1,500	1,500	1,500	6,000
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