

AID 1020-28 (7-68)		SECURITY CLASSIFICATION		001 PROJECT NUMBER	
PROJECT APPRAISAL REPORT (PAR) (U-446) See M.O. 1026.1		UNCLASSIFIED		386-11-110-281.3	
002 PAR	MO.	DAY	YR.	003 U.S. OBLIGATION SPAN	004 PROJECT TITLE
AS OF:	2	31	69	FY 69 Thru FY 74	Reference Center Room 1656 NS Agricultural University Development Andhra Pradesh
005 COOPERATING COUNTRY - REGION - AID/W OFFICE					
India NESA					

12p.

006 FUNDING TABLE

AID DOLLAR FINANCING-OBLIGATIONS (\$000)	TOTAL	CONTRACT (NON-ADD)	PERSONNEL SERVICES			PARTICIPANTS		COMMODITIES		OTHER COSTS	
			AID	PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT
CUMULATIVE NET THRU ACTUAL YEAR (FY 19 69)	1,932	1,932	-	-	1,439	-	291	-	202	-	-
PROPOSED OPERATIONAL YEAR (FY 19 70)	260	260	-	-	245	-	40	-	(25)	-	-

CCC VALUE OF P.L. 480 COMMODITIES (\$000) → Thru Actual Year : Operational Year Program :

007 IMPLEMENTING AGENCY TABLE

If contractors or participating agencies are employed, enter the name and contract or PASA number of each in appropriate spaces below; in the case of voluntary agencies, enter name and registration number from M.O. 1551.1, Attachment A. Enter the appropriate descriptive code in columns b and c, using the coding guide provided below.

TYPE CODE b	TYPE CODE c	c.	TYPE CODE d.		CONTRACT/PASA/VOLAG NO.	e. LEAVE BLANK FOR AID/W USE
			b.	c.		
1. U.S. CONTRACTOR 2. LOCAL CONTRACTOR 3. THIRD COUNTRY CONTRACTOR 4. PARTICIPATING AGENCY 5. VOLUNTARY AGENCY 6. OTHER:	0. PARTICIPATING AGENCY 1. UNIVERSITY 2. NON-PROFIT INSTITUTION 3. ARCHITECTURAL & ENGINEERING 4. CONSTRUCTION 5. OTHER COMMERCIAL 6. INDIVIDUAL 7. OTHER:	IMPLEMENTING AGENCY				
		1. Kansas State University	1	1	AID/nesa-146	
		2.				
		3.				

PART I - PROJECT IMPACT

I-A. GENERAL NARRATIVE STATEMENT ON PROJECT EFFECTIVENESS, SIGNIFICANCE & EFFICIENCY.

This summary narrative should begin with a brief (one or two paragraph) statement of the principal events in the history of the project since the last PAR. Following this should come a concise narrative statement which evaluates the overall efficiency, effectiveness and significance of the project from the standpoint of:

- (1) overall performance and effectiveness of project implementation in achieving stated project targets;
- (2) the contribution to achievement of sector and goal plans;
- (3) anticipated results compared to costs, i.e., efficiency in resource utilization;
- (4) the continued relevance, importance and significance of the project to country development and/or the furtherance of U.S. objectives.

Include in the above outline, as necessary and appropriate, significant remedial actions undertaken or planned. The narrative can best be done after the rest of PART I is completed. It should integrate the partial analyses in I-B and I-C into an overall balanced appraisal of the project's impact. The narrative can refer to other sections of the PAR which are pertinent. If the evaluation in the previous PAR has not significantly changed, or if the project is too new to have achieved significant results, this Part should so state.

008 NARRATIVE FOR PART I-A (Continue on form AID 1020-25 I as necessary):

The history and philosophy of Andhra Pradesh Agricultural University set forth in the 1968 PAR continue to apply in 1969. In addition, the following points are significant:

MISSION DIRECTOR APPROVAL →	SIGNATURE	DATE 11/12/70
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PAR CONTINUATION SHEET

This sheet is to be used for any Narrative Sections for which sufficient space has not been provided on the form. Identify each narrative by its Part and Section Designation.

Narrative for Part I-A continued:

APAU continues to make progress. The University has launched a District Extension Education Program in a third district - Guntur District - with its campus at Bapatla as the Center. Preliminary steps have been initiated to organize research on the basis of Regional Research Stations. Coordination of activities of the University which involve other agencies such as USAID, Rockefeller Foundation and Ford Foundation continues to be good. A five minute daily news program which has completed one year is becoming increasingly popular. A printing press for farm extension service has been established. A newsletter for the benefit of farmers is being issued every month; at present it is issued in English and steps are being taken to issue it in Telugu so that it may serve a larger number of agriculturists. An Agricultural Information and Communication Center also has been established with a view to keeping the general public and farming community informed of the salient activities of agriculture and research.

Ninety-two APAU staff members have been sent to the U.S. for advanced training, of which 75 have returned and are employed by the University, 11 are in the U.S., and 6 are in training at IARI, New Delhi, under the Joint Training Program.

Implementation of the trimester and internal examination system has been accomplished and the system is being perfected.

Under the supervision of the Director and Associate Director, experimental farms at the three campuses have been organized under competent farm managers. Outlying experiment stations also have managers.

The Director of Research continues to work closely with the International Rice Research Institute and the All India Coordinated Rice Improvement Program to develop better varieties. The University released improved varieties of rice, sugarcane, jowar, cotton and chilli during the year.

The Grassland Utilization activity is progressing. Simple techniques to protect grassland have demonstrated increased productivity. One grazing test has been conducted. A plant nursery is being developed. Variety and fertilizer tests have been started. A short term consultant advised on the potential increase in meat and wool production by use of rams from better breeds such as Rambouillet. Another short term consultant implemented the use of coconut milk as an extender for bull semen and demonstrated that refrigeration is not necessary. Indian personnel were trained.

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PAR CONTINUATION SHEET

This sheet is to be used for any Narrative Sections for which sufficient space has not been provided on the form. Identify each narrative by its Part and Section Designation.

Narrative for Part I-A continued:

An Instrument Specialist assisted with repair and adjustment of laboratory equipment. Preliminary training of Indian personnel for servicing scientific equipment was accomplished.

The operation of the Extension program was extended to the third campus at Bapatla. The USAID agricultural production team has worked closely with Department of Agricultural workers. Ford Foundation has worked closely in two districts on an Intensive Agricultural Development Program.

An Ambulatory Clinic is being developed on the Tirupati Campus.

Teaching and research in meat technology continued. Advice was given to new processors of bacon. Manufacture of cheese has been demonstrated on the Rajendranagar campus. A project has been approved to develop milk and milk products processing at the Rajendranagar campus.

Assistance was given in teaching communication classes. An Agricultural Communication Center has been established.

The construction of a Central Library at Rajendranagar has been approved and a comprehensive library development project has been drawn up for implementation during the Fourth Plan Period.

Work relating to expansion of research farm facilities by improving the drainage and irrigation to the institutional farms at the three campuses is in progress. About 100 acres at Rajendranagar and 100 acres at Tirupati were reclaimed and added. A reservoir to irrigate about 100 acres was completed at Tirupati campus. The first phase of improvement of drainage at Rajendranagar campus is nearing completion. The second phase should start soon. This involves a more efficient system of getting water to all parts of the farm.

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PART I-B - PROJECT EFFECTIVENESS

109 I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

CODE NO. AID/W USE ONLY	2. This section is designed to record progress toward the achievement of each project output target which was scheduled in the PIP, Part II. Where progress toward a target is significantly greater or less than scheduled, describe reason(s) beneath the target.	ACTUAL AND PLANNED OUTPUTS (ALL DATA CUMULATIVE)				6. PROJECTED TOTAL FOR PROJECT LIFE
		3. ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5. PLANNED BY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	<p>1. Develop within the University an administrative organization with a large degree of autonomy capable of directing all professional as well as supporting functions of an institution dealing with agricultural teaching, research, and extension education at the undergraduate and graduate levels.</p> <p>Introduce teaching techniques that require students to learn by thinking and doing and which train them to perform definite jobs in agriculture.</p> <p>Integrate State research programs with the University and direct research work toward solving the problems impeding Indian agricultural production.</p> <p>Develop a cooperative state extension education program receiving leadership and guidance from the University.</p>	NA	NA	NA	NA	NA

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PART I-C - Continued

C.2 - GENERAL QUESTIONS

These questions concern developments since the prior PAR. For each question place "Y" for Yes, "N" for No, or "NA" for Not Applicable in the right hand column. For each question where "Y" is entered, explain briefly in the space below the table.	MARK IN THIS COL.
013 Have there been any significant, unusual or unanticipated results not covered so far in this PAR?	N
014 Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments?	N
015 Have any problems arisen as the result of advice or action or major contributions to the project by another donor?	N
016 If the answer to 014 or 015 is yes, or for any other reason, is the project now less necessary, unnecessary or subject to modification or earlier termination?	N
017 Have any important lessons, positive or negative, emerged which might have broad applicability?	N
018 Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative?	N
019 Do any aspects of the project lend themselves to publicity in newspapers, magazines, television or films in the United States?	Y
020 Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.)	N
021 <u>NARRATIVE FOR PART I-C.2</u> Identify each explanatory note by the number of the entry to which it pertains. (Continue on form AID 1020-28 I as necessary):	

019 - The Grassland Improvement Project has already received some publicity and is receiving State and Central Government recognition.

Also, the Water Utilization field laboratory is being used by students, agricultural workers and cultivators for proper water use and management training through joint efforts of the APAU, State Department of Agriculture, the APP team and the AG/UD team.

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

(a) PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(b) STATUS - PLACE AN "X" IN ONE COLUMN		
		(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD (IF SCHEDULE
	1. Develop comprehensive All-University master plan for Campus Development.		X	
	2. Establish an All-University Communications Center to provide training, teaching and research materials for the APAU publics.	X		
	3. Develop All-University Master Academic Plan and schedule for its implementation.		X	
	4. Strengthen the undergraduate programs of the College of Home Science and promote faculty research.	X		
	5. Recognize and unify experimental farms.		X	
	6. Place experimental farms under competent farm managers.			X
	7. Develop research schemes more closely oriented to actual production problems.		X	
	8. Demonstrate pasture management as a means of improved livestock production.		X	
	9. Expand extension education in Hyderabad, Chittoor and Guntur Districts.		X	
	10. Intensify livestock extension programs in Hyderabad and Chittoor districts.		X	
	2. The Ford Foundation offered to establish an All-University Communications Center at APAU but for various reasons the offer was withdrawn. Now, the APAU is determined to develop a center from their own resources and personnel with technical assistance from the U.S. AID contractor. The plans are completed and a communications specialist is scheduled in 1970.			
	4. The curriculum for the College of Home Science undergraduate program is now undergoing revision. The delay, in part, has been due to slowness in adequately staffing this College. Until a more stable and capable staff is available, faculty research cannot receive serious consideration.			

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PART II - Continued

023

II-A.2 - OVERALL TIMELINESS

In general, project implementation is (place an "X" in one block):

- (a) On schedule X
- (b) Ahead of schedule
- (c) Behind schedule
- (1) AID/W Program Approval
- (2) Implementing Agency (Contractor/Participating Agency/Voluntary Agency)
- (3) Technicians
- (4) Participants
- (5) Commodities (non-FFF)
- (6) Cooperating Country
- (7) Commodities (FFF)
- (8) Other (specify):

BLOCK (c): If marked, place an "X" in any of the blocks one thru eight that apply. This is limited to key aspects of implementation, e.g., timely delivery of commodities, return of participants to assume their project responsibilities, cooperating country funding, arrival of technicians.

II-B - RESOURCE INPUTS

This section appraises the effectiveness of U.S. resource inputs. There follow illustrative lists of factors, grouped under Implementing Agency, Participant Training and Commodities, that might influence the effectiveness of each of these types of project resources. In the blocks after only those factors which significantly affect project accomplishments, write the letter P if effect is positive or satisfactory, or the letter N if effect is negative or less than satisfactory.

1. FACTORS-IMPLEMENTING AGENCY (Contract/Participating Agency/Voluntary Agency)

024	IF NO IMPLEMENTING AGENCY IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK:	032	Quality, comprehensiveness and candor of required reports	
		033	Promptness of required reports	
025	Adequacy of technical knowledge	034	Adherence to work schedule	P
026	Understanding of project purposes	035	Working relations with Americans	
027	Project planning and management	036	Working relations with cooperating country nationals	P
028	Ability to adapt technical knowledge to local situation	037	Adaptation to local working and living environment	P
029	Effective use of participant training element	038	Home office backstopping and substantive interest	
030	Ability to train and utilize local staff	039	Timely recruiting of qualified technicians	
031	Adherence to AID administrative and other requirements	040	Other (describe):	

2. FACTORS-PARTICIPANT TRAINING

041	IF NO PARTICIPANT ELEMENT IN PROJECT. PLACE AN "X" IN THIS BLOCK:	TRAINING UTILIZATION AND FOLLOW UP		
		052	Appropriateness of original selection	P
PREDEPARTURE		053	Relevance of training for present project purposes	
042	English language ability	054	Appropriateness of post-training placement	
043	Availability of host country funding	055	Utility of training regardless of changes in project	P
044	Host country operational considerations (e.g., selection procedures)	056	Ability to get meritorious ideas accepted by supervisors	P
045	Technical/professional qualifications	057	Adequacy of performance	
046	Quality of technical orientation	058	Continuance on project	P
047	Quality of general orientation	059	Availability of necessary facilities and equipment	
048	Participants' collaboration in planning content of program	060	Mission or contractor follow-up activity	
049	Collaboration by participants' supervisors in planning training	061	Other (describe):	
050	Participants' availability for training			
051	Other (describe):			

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PART II-B - Continued

3. FACTORS-COMMODITIES

PLACE AN "X" IN APPROPRIATE BLOCK:	062 FFF	063 NON-FFF	064 NO COMMODITY ELEMENT	072 Control measures against damage and deterioration in shipment.	
065 Timeliness of AID/W program approval (i.e., PIO/C, Transfer Authorization).				073 Control measures against deterioration in storage.	
066 Quality of commodities, adherence to specifications, marking.				074 Readiness and availability of facilities.	
067 Timeliness in procurement or reconditioning.				075 Appropriateness of use of commodities.	
068 Timeliness of shipment to port of entry.				076 Maintenance and spares support.	N
069 Adequacy of port and inland storage facilities.				077 Adequacy of property records, accounting and controls.	
070 Timeliness of shipment from port to site.				078 Other (Describe):	
071 Control measures against loss and theft.					

Indicate in a concise narrative statement (under the heading a. Overall Implementation Performance, below) your summary appraisal of the status of project implementation, covering both significant achievements and problem areas. This should include any comments about the adequacy of provision of direct hire technicians as well as an overall appraisal of the comments provided under the three headings (b, c & d) which follow. For projects which include a dollar input for generation of local currency to meet local cost requirements, indicate the status of that input (see Detailed Instructions).

Discuss separately (under separate headings b, c & d) the status of Implementing Agency Actions, Participants and Commodities. Where above listed factors are causing significant problems (marked N), describe briefly in the appropriate narrative section: (1) the cause and source of the problem, (2) the consequences of not correcting it, and (3) what corrective action has been taken, called for, or planned by the Mission. Identify each factor discussed by its number.

079 NARRATIVE FOR PART II-B: (After narrative section a. Overall Implementation Performance, below, follow, on form AID 1020-25) as needed, with the following narrative section headings: b. Implementing Agency, c. Participants, d. Commodities. List all narrative section headings in order. For any headings which are not applicable, mark them as such and follow immediately below with the next narrative section heading.)

a. Overall Implementation Performance.

The performance in this sub-project continues to be good. The Kansas State University has provided a full complement of specialists. The University continues to have strong leadership and well qualified staff members are in position. Good cooperation between the University and State Government of Agriculture continues.

b. Implementing Agency

KSU has provided qualified specialists and consultants. The present team shows a willingness to adopt and adapt programs that can be implemented at the University. Productive relations exist between the specialists and their counterparts.

c. Participant Training

Participant funding has not been a problem. The returned participants have been placed in appropriate positions in line with their new found technical skills. Many of these participants are in positions of influence.

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PAR CONTINUATION SHEET

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Part II-B continued

044 - During 1969, final clearance of participants was later than normal, thus the contractor experienced difficulty in getting the approved participants placed in degree programs in the U.S. Universities.

D. Commodities

Only small pieces of teaching and demonstration equipment have been introduced in recent years. These are in use and have been kept in good repair.

075 The Andhra Pradesh Agricultural University and the Kansas State University team continue to strive to keep equipment operating. However, equipment granted under previous generalized projects was not always in operating condition when received. Replacement parts have been purchased, delivered to India, and installed in order to bring this equipment into functional status. Older equipment which cannot be repaired because of the unavailability of replacement parts has been disposed of under an approved procedure developed at the Mission. The record of APAU on the maintenance of its Indian purchased equipment is satisfactory.

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PART III - ROLE OF THE COOPERATING COUNTRY

The following list of illustrative items are to be considered by the evaluator. In the block after only those items which significantly affect project effectiveness, write the letter P if the effect of the item is positive or satisfactory, or the letter N if the effect of the item is negative or less than satisfactory.

SPECIFIC OPERATIONAL FACTORS:

080 Coordination and cooperation within and between ministries.	P
081 Coordination and cooperation of LDC gov't. with public and private institutions and private enterprise.	
082 Availability of reliable data for project planning, control and evaluation.	
083 Competence and/or continuity in executive leadership of project.	P
084 Host country project funding.	
085 Legislative changes relevant to project purposes.	
086 Existence and adequacy of a project-related LDC organization.	
087 Resolution of procedural and bureaucratic problems.	
088 Availability of LDC physical resource inputs and/or supporting services and facilities.	
089 Maintenance of facilities and equipment.	
090 Resolution of tribal, class or caste problems.	
091 Receptivity to change and innovation.	P
092 Political conditions specific to project.	P
093 Capacity to transform ideas into actions, i.e., ability to implement project plans.	P
094 Intent and/or capacity to sustain and expand the impact of the project after U.S. inputs are terminated.	
095 Extent of LDC efforts to widen the dissemination of project benefits and services.	P
096 Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations.	P
097 Enforcement of relevant procedures (e.g., newly established tax collection and audit system).	
098 Other: <u>U.S. Personnel Clearance</u>	N
HOST COUNTRY COUNTERPART TECHNICIAN FACTORS:	
099 Level of technical education and/or technical experience.	P
100 Planning and management skills.	P
101 Amount of technician man years available.	P
102 Continuity of staff.	
103 Willingness to work in rural areas.	
104 Pay and allowances.	
105 Other: <u>Leadership</u>	P

In the space below for narrative provide a succinct discussion and overall appraisal of the quality of country performance related to this project, particularly over the past year. Consider important trends and prospects. See Detailed Instructions for an illustrative list of considerations to be covered.

For only those items marked N include brief statements covering the nature of the problem, its impact on the achievement of project targets (i.e., its importance) and the nature and cost of corrective action taken or planned. Identify each explanatory note.

106 NARRATIVE FOR PART III (Continue on form AID 1020-25 I):

This sub-project continues on schedule - both in relation to Andhra Pradesh and to India. An extremely strong University leadership and a full complement of well qualified Kansas State University specialists continue effective working relationships. State support for the University is improving and Center support has increased during recent years.

098 - Delays within the GOI in granting country clearances for nominated specialists and consultants continues to impair the effectiveness of the Kansas State University team in placing the specialists and counterparts at an appropriate time.

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PART IV - PROGRAMMING IMPLICATIONS

IV-A - EFFECT ON PURPOSE AND DESIGN

Indicate in a brief narrative whether the Mission experience to date with this project and/or changing country circumstances call for some adjustment in project purposes or design, and why, and the approximate cost implications. Cover any of the following considerations or others that may be relevant. (See Detailed Instructions for additional illustrative considerations.) Relevant experience or country situations that were described earlier can simply be referenced. The spelling out of specific changes should be left to the appropriate programming documents, but a brief indication of the type of change contemplated should be given here to clarify the need for change. For example, changes might be indicated if they would:

1. better achieve program/project purposes;
2. address more critical or higher priority purposes within a goal plan;
3. produce desired results at less cost;
4. give more assurance of lasting institutional development upon U.S. withdrawal.

107 NARRATIVE FOR PART IV-A (Continue on form AID 1020-25 I):

The purpose and design of the project continues to be valid.

IV-B - PROPOSED ACTION

108 This project should be (Place an "X" in appropriate block(s)):

1. Continued as presently scheduled in PIP.	X
2. Continued with minor changes in the PIP, made at Mission level (not requiring submission of an amended PIP to AID/W).	
3. Continued with significant changes in the PIP (but not sufficient to require a revised PROP). A formally revised PIP will follow.	
4. Extended beyond its present schedule to (Date): Mo. ___ Day ___ Yr. ___. Explain in narrative, PROP will follow.	
5. Substantively revised. PROP will follow.	
6. Evaluated in depth to determine its effectiveness, future scope, and duration.	
7. Discontinued earlier than presently scheduled. Date recommended for termination: Mo. ___ Day ___ Yr. ___	
8. Other. Explain in narrative.	

109 NARRATIVE FOR PART IV-B:

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