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TIPAN QUARTERLY REPORT 85 - III

1 JULY - 30 SEPTEMBER 1985

A REPORT ON
CONTRACT 391-0488-C-00-5001-00
THE TRANSFORMATION AND INTEGRATION OF THE
PROVINCIAL AGRICULTURAL NETWORK (TIPAN) PROJECT

Submitted to the
Northwest Frontier Province
Agricultural University
Peshawar, NWFP, Pakistan

and

the U.S. Agency for International Development
Mission to Pakistan

by
Office of International Agriculture
University of Illinois at Urbana-Champaign
Southern Illinois University

QUARTERLY HIGHLIGHTS

1. Four long-term advisers begin duties at the Northwest Frontier Province Agricultural University, Peshawar:

 Dr. R. William Seiders, Outreach Specialist, arrived 10 July;
 Dr. Raymond G. Cragle, Research Specialist, arrived 17 July;
 Dr. Martin V. Waananen, Teaching Specialist, arrived 14 August;
 and
 Mr. Joseph H. Marion, Research Station Development and Management Specialist, arrived on 2 October. (Arrival in Islamabad Sept. 30)
2. The TIPAN office was established at the NWFP Agricultural University. The office was furnished, an administrative assistant and secretary were hired, and office procedures were established.
3. Work plans for 1 July 1985 - 30 June 1986 were completed and reviewed with Agricultural University faculty and with the TIPAN Project Officer.
4. Team visits were made to 13 on-campus academic departments and to field outreach/research sites in NWFP, all part of the Agricultural University. Orientation presentations and discussion meetings were held as part of all 28 meetings. Over 70 per cent of all faculty members, on and off-campus, were present in these meetings.
5. An Equipment Review Committee was established to refine the lists of equipment/supplies to be purchased through TIPAN for Agricultural University and to recommend priorities.
6. Lists of needed equipment/supplies for teaching, outreach, and research were formalized for 13 on-campus academic departments.

7. Student enrollment for Fall, 1985, increased to 660 undergraduates and 240 graduates.
 - A new class of 155 students for 1985-86 was admitted and included three women.
 - The second term of the first year, under the new curriculum, (term system) was completed August 25, 1985.
 - The timetable for the first term, 1985-86, was developed.
 - Classes started September 7, 1985.
 - Some recommended changes were implemented to facilitate the internal examination process.
 - New course outlines, examinations, and grading procedures were reviewed.
 - Supplemental textbooks for new courses were selected and ordered.
8. A Prospectus for the academic session, 1985-86, was published by the Agricultural University.
9. A list of 104 candidates (limited to 100) for the institutional TOEFL* test was developed. English language classes were planned for on-campus and off-campus faculty.
10. Nine participants who passed TOEFL exams and met additional admissions requirements began degree training programs at selected U. S. universities. A total of 16 trainees for advanced degrees are in the U. S.
11. Six non-degree participants returned from training in the U. S. during the quarter.

*Test of English as a Foreign Language

12. Guidelines for selection of long-term and short-term contract staff were approved and implemented by the collaborating institutions. A proposed schedule for short-term technical assistance for Phase I was developed.
13. A university-wide seminar was held on September 15 to orient faculty and students on the objectives of the TIPAN Project.
14. Provincial administrative action was taken on the merger of the off-campus agricultural research sites/program/personnel with the Agricultural University.
15. The Agricultural University signed a Memorandum of Understanding with the Nuclear Institute for Food and Agriculture (NIFA), Atomic Energy Commission, for cooperation.
16. A Memorandum of Understanding for cooperation between the Agricultural University and the NWFP Extension Division was signed.

FIELD OPERATIONS

Individual Team Member Reports

Team Leader - Errol D. Rodda

Merger Implementation

Two critical meetings were held between officials of the NWFP Department of Agriculture and the Agricultural University. The working paper for the first meeting raised issues regarding overall administrative control by the university of the merged research system. Dr. Abdul Wahid, USAID/Islamabad, assisted the University officials in developing a status paper responding to the issues raised. The status paper reasserted the autonomy of the university and pointed out that the real issue requiring

attention was to rectify the deficiencies in the original merger notification. The status paper prepared by the university was well received by the Governor as Chairman of the meeting. The Governor directed that the Secretary of Agriculture facilitate the merger, that the Secretary of Agriculture serve as a communications link between the Governor's office and the University (in the same role as the Secretary of Education up to this time), and that action be taken to remedy the deficiencies in the merger notification dated 6 April 1985. An amended notification was issued and a letter of clarification was provided by the NWFP Planning and Development Department on 31 July 1985 which covered both the merger notification deficiencies and the execution of a Memorandum of Understanding between the NWFP Agricultural University and the NWFP Directorate of Agriculture Extension. The "Conditions Precedent to Disbursement for Construction" were thus met and Project Implementation Letter No. 3 was issued by USAID/Islamabad, dated 29 July 1985.

The second meeting held on merger issues related to transfer of the research budget, approval of research projects, the Chairmanship of the Research Coordination Board, and a renewed request by the Director of the Fruit and Vegetable Development Board that research in this area be separated out under his direction and control. The Vice Chancellor took a very firm stand on issues and all were resolved in accord with the autonomous status of the university and the project agreement that the entire NWFP agricultural research system, including staff, revenue and annual development budget, and physical facilities, be transferred to the Agricultural University.

Administrative details involving personnel transfer are now being worked out and it is expected that the research system will be formally "handed over" early in the next quarter.

Work Plans

A coordinated team work plan was submitted to the TIPAN Project Officer for review. A concerted effort was made to lay out realistic goals consistent with the TIPAN Project Paper. The role of the university in work plan development was discussed in a meeting of the deans and department chairmen.

A rolling work plan for one year ahead is being developed. It will be revised and updated quarterly. The work plan is included as Attachment B to this Quarterly Report.

Establishment of Linkages

Strong linkages are being established with provincial and central bodies and organizations with overlapping interests. Arriving team members have met the senior administrators of the Pakistan Agricultural Research Council (PARC) and the National Agricultural Research Centre (NARC). Return visits have been made to NARC for detailed tours of the laboratories, library, and instructional facilities. The NARC Deputy Director (Labs Equipment) is serving on the committee set up by the Team Leader to review equipment requests from the university and to draw up equipment specifications.

The Agricultural University signed a Memorandum of Understanding with the Nuclear Institute for Food and Agriculture (NIFA), Atomic Energy Commission, for faculty cooperation and availability of research capabilities. NIFA is currently providing the services of three staff

members to teach at the university, including transportation. The Director of NIFA and the Director General of Research at Tarnab are also serving on the equipment review committee.

Dr. Cragle and Dr. Seiders attended a portion of the field stops of a recent CIMMYT*-sponsored Traveling Maize Seminar; Dr. Waananen and Dr. Rodda attended the wrap-up session for recommendations. A follow-up visit in Peshawar was made by a CIMMYT agricultural economist who may be stationed in Peshawar. A continuing research relationship with CIMMYT is expected.

Dr. Seiders and Dr. Rodda made arrangements to visit the Director of Agricultural Extension and the Principal of the Agricultural Training Institute and to take part in the opening ceremonies of a farmers' institute (one week with 30 farmers) offered four times a year in different areas of the Province.

Dr. Waananen and Dr. Rodda paid a visit to the Pakistan Forest Institute to study their instructional and examination system. They also made a courtesy call on the former Vice Chancellor of the Agricultural University who is now a consultant on a German forestry project.

A contact was also made with the FAO country representative, Dr. Ray Fort, Chief, ARD, USAID/Cairo before retiring from AID to take his present position.

Faculty Orientation to TIPAN

A "TIPAN Seminar" planned by Dr. Nurul-Islam Mian and Dr. Waananen was held on September 15. The program was put together with the faculty interests foremost, but the students were invited and 30-50 were present

*Centro Internacional de Mejoramiento de Maize y Trigo, Loudres, Mexico

at various times during the program. Speakers included Dr. Mian, chairing the meeting; the Chief, Planning and Development, University Grants Commission; the Director General for Research, Tarnab; and the TIPAN Project Officer. The Team Leader spoke briefly and introduced the team members in turn, each one making a brief presentation on his project specialization.

Selection of Consultants

A procedure was approved to generate requests for short-term consultants and to receive nominations in response to these requests. An "Expert Selection Committee" was set up to review nominations of both long and short-term consultants. The Team Leader is a member of the Expert Selection Committee. The procedure was implemented this quarter.

Participant Training

Guidelines for the selection of nominees for participant training were drafted. Adoption is expected in the next quarter.

Activities during the quarter included gaining final acceptance for some of the degree candidates to enter the 1985 Fall semester at various U. S. universities, working on admission credentials for participants to begin degree training in January, 1986, preparing for one non-degree training slot, and making arrangements for NWFP-AU research and teaching faculty to take the TOEFL and GRE.

1. During the quarter, nine NWFP-AU faculty entered graduate programs at six different U. S. universities. One participant delayed his enrollment until January 1986. See the "Status of Participants" in the section on Project Backstopping - Participant Training for a list of all the new starts.

2. As of September 30, nine candidates for degree training are waiting university acceptance to enroll in January, 1986. They are listed in the section on Project Backstopping - Participant Training.

3. A proposal was submitted to develop a 2 1/2 month non-degree training program for Dr. Nurul-Islam Mian, Dean of Rural Social Sciences, to begin in January, 1986. The emphasis on the training will be on Agricultural Economics.

4. During the quarter, participant Mushtaq Mian completed gathering field data in Pakistan and returned to North Carolina State University to write his dissertation and complete other requirements for a Ph.D. in Poultry Science.

5. As a prerequisite to being considered for admission to U. S. universities, 15 NWFP-AU teaching and research faculty are registered to take the October 26, 1985; TOEFL. Five others will take the November 16, 1985, test. Four are scheduled to take the GRE.

Team Visits to Academic Departments, Agricultural University, Peshawar

The team made visits during the quarter to the following 13 academic departments:

- | | |
|---|--|
| 1. Agricultural Chemistry | 7. English |
| 2. Agricultural Mechanization | 8. Entomology |
| 3. Agricultural Economics,
Extension Education, and
Rural Sociology | 9. Food Science & Technology |
| 4. Agronomy | 10. Horticulture |
| 5. Animal Husbandry | 11. Mathematics, Statistics
and Physics |
| 6. Development Studies
(Institute of) | 12. Plant Breeding and Genetics |
| | 13. Soil Science |

In each case, the team scheduled a meeting with the department chairman and the faculty for a general discussion of teaching, outreach, and research. The discussion was then directed to the needs for equipment and chemicals to be purchased through TIPAN and other sources. The discussion period was followed by a team and faculty visit to laboratories and teaching areas used by the department. The working conditions for research and teaching were noted.

From these visits, it is concluded that:

1. Basic conditions of laboratories and teaching areas could be rapidly improved at modest expense by a) assuring an uninterrupted supply of electricity, b) installing a gas supply to laboratories and, where needed, in classrooms, c) supplying quality teaching aids and chalkboards in laboratories and teaching areas, d) instilling in researchers and teachers greater discipline for research and teaching and e) making greater use of copiers, libraries, and national/international resources to bring the ideas of today's science/technology to the classroom and laboratory.

2. Further upgrading of laboratories and teaching areas will depend upon timely procurement of the instruments of modern science and technology, a) computers, b) analytical equipment, c) communication tools such as journals, newsletters, microfilm and electronic information transfer systems, and d) further organization of academic units. Most academic units are small and do not have sufficient critical masses of faculty for academic subject areas or for administrative purposes. Academic units are actually becoming more numerous and average departmental

faculty size is becoming smaller with the recent approval of the departments of Human Nutrition, Plant Pathology, Plant Protection, and Livestock Management.

Other Activities

The Institute of Development Studies sponsored a two-week workshop, "Competitiveness of Agricultural Products under Different Farming Systems and Levels of Technology Adoption", led by Dr. Abdus Sattar, World Bank Representative in Sudan. Dr. Waananen and Dr. Rodda chaired sessions.

Teaching Program - Martin V. Waananen

Introduction

The short-term assignment in April-May, 1985, made it much easier for the long-term Teaching Program Specialist to begin work on the long-term assignment when he arrived in August. Soon after arrival on campus, it was learned that the campus had closed on June 18, 1985, well before the second term of 1984-85 was completed. The campus was reopened on July 27 in order to complete the second term which was completed August 25. This meant that the opening of the 1985-86 Fall term was delayed from September 1, 1985, to September 7 in order to give students an opportunity to visit home between terms.

In view of this delay in completing the second term, the administration and faculty were extremely busy in late August and early September. Nevertheless, they were helpful and gave of their time as requested by TIPAN team members.

A Prospectus for the academic session, 1985-86, was prepared by the University and was distributed in late August. The Prospectus gives a

brief history of NWFP-AU and provides a brief description of the campus. It clearly outlines the eligibility for admission, the mode of application, the reservation of seats, scholarships, fees, the academic session, examination policy, the courses offered, the grading procedure, miscellaneous information, and a listing of the staff. This is a very useful document.

Admissions

The admissions schedule and process place most of the admissions work into August and into the hands of the Admissions Committee. Admission to the First-Year Class is on the basis of merit, combined with a quota of seats for various kinds of applicants. All applicants must appear before the Admissions Committee for a brief interview. This year, the interviews were held on August 21 and 22. The application deadline is August 15 for settled-area applications and August 20 for reserved seats. The applicants are listed in descending order on the basis of merit scores and applicants appear for interview in that order. This year the admissions list was cleared by August 24 and the successful applicants names were posted on the University bulletin board.

Moving the admission process forward (earlier) is not possible because examination results are not available from the various Boards of Education.

This year, only three women applied for admission. They will join the four women from last year. Eight Baluchistan students were included in the admissions to the first year class. Last year there were seven.

A timetable for classes under the conventional system and the term system was prepared and posted. Classes met on regular schedule for lectures as well as the practicums.

Examinations and Grading

The system of internal examinations and grading is working, but not without some problems. One of the major problems appears to be that of getting copies of the examinations prepared on time and with adequate confidentiality. Copy machines have not always been available when needed. Teachers have had to resort to various means of getting copies, including going to the local market to buy copy paper and shortening the exam to just one or two pages.

This problem is expected to be resolved by the purchase of three new copy machines and by placing the responsibility for copying in the hands of the Deputy Controller for Examinations. This will provide the internal examination system the same degree of confidentiality as under the external examination system.

Curriculum Development

The courses offered under the term system are serving the students well at this time, but it is evident that there will be pressures to add new courses. This will mean dropping existing courses and revising them as time goes on. Policies and procedures for a systematic review of the curriculum need to be developed.

Faculty Development

The primary emphasis has been on selecting and preparing faculty for long-term and short-term training in the U. S. More attention will need to be given to providing seminars and workshops on campus to upgrade teaching skills. Special workshops will be planned for these skill areas but others will be planned in conjunction with the short-term specialists and their areas of specialization.

Several meetings were held in September with faculty members to inform them about the TIPAN project and to seek their input into the implementation plans.

Special efforts were made to send a person to the U. S. to obtain added skills in teaching computer science. The computer science course cannot be offered until this person is better prepared, or until someone can be hired on a temporary basis to teach the course.

In cooperation with the AED (Academy for Educational Development), plans have been made to give an institutional TOEFL examination on October 20-21. A list of 47 on-campus faculty members was prepared in cooperation with the Registrar's office. An additional list of 57 faculty members from the research area has been prepared. (Total of 104)

Following the October 20-21 TOEFL test, a decision will be made on how many English language courses will be offered. Present plans are to offer a minimum of two classes with no more than 15 students per class. The class will be offered at the University, with one six-hour class (primarily for off-campus faculty) and another class in the afternoon (for on-campus faculty). The former conference room of the Vice Chancellor (Room 101) will be used, at least temporarily, as the classroom.

Textbooks and Commodities

Textbooks ordered previously have arrived and been processed in the library. In addition, single copies of textbooks for use by instructors of the new courses were ordered. Four copies have arrived and have been given to the library for processing. Copies of selected reference books were donated by individuals and sent to the library.

Work will need to be done to follow up on textbooks previously ordered to determine the current status of these orders. A procedure will need to be developed for coordinating future textbook orders.

Detailed lecture notes for courses that are similar to those offered at NWFU AU were obtained at Washington State University from two different sources. One source was the Lecture Note Program which obtains and sells lecture notes for selected courses. The lecture note list was reviewed and orders were placed for notes from 26 selected courses.

The other source was a direct appeal to instructors for copies of their lecture notes. The response was excellent and detailed notes were compiled for an additional nine courses.

These lectures notes will be used in discussions with individual instructors as a means of encouraging the development of instructional objectives and lecture plans.

The present library policies and procedures will also need to be reviewed and revised. The library presently serves more in the capacity of a bookstore rather than a reference library. Students rent copies of the textbooks needed for their courses. Consequently, there are multiple copies of the same textbook, (as many as 140 copies of some books) and relatively few reference books. Some thought has been given to separating the textbook rental function from the reference book use in the library. This consideration will be an integral part of the planning and implementation of the Learning Resources Center.

Considerable effort was devoted to identifying needed teaching program equipment. At the moment, there is a shortage of teaching equipment, and much of what is available is not in working order or is outdated.

Special attention will be given to selecting and ordering critically needed supplies and commodities, including such things as chemicals, microscopes, overhead projectors, slide projectors, new blackboards, and copy machines.

Along with the purchase of equipment, provision must be made for the proper care and use of this equipment as well as for repair and maintenance. Some consideration has been given to preparing a request for short-term technical assistance in this area.

Short term Technical Assistance

The teaching component has been included in all of the project discussions with team members and in the on-campus and off-campus meetings. As part of this process, a proposed schedule for short-term technical assistance for Phase I was prepared and distributed to team members and the campus coordinator. A form for requesting this assistance was developed and distributed to team members, the campus coordinator, and to selected AU administration.

The general model proposed for short-term assistance is an initial one-month assignment by the consultant followed by a four-month assignment several months later. The initial assignment would serve to identify problems and needs that the consultant could be prepared for in the follow-up assignment. The four-month assignment would coincide with the school term so that the consultant could teach a course, if necessary. The Consultant would, of course, be expected to work on research and outreach activities as well as the teaching activities. This model will not be applicable for every short term need, however.

Other Activities

Only limited attention has been given to the programs of academic advisement, student internships, work programs, career counseling, and job placement. The academic advisement program appears to be underway, however, and all students have been assigned to a tutor. It is expected that the students will develop a close working relationship with the tutor. This will be especially useful in getting student support at critical times.

The other programs have been discussed in meetings with the faculty and will need more specific action later this year.

The campus construction program is expected to take shape soon, and teaching needs will be provided to the design and construction teams.

Outreach Program - R. William Seiders

Progress Toward Establishing the Outreach Directorate

The first major effort of the Outreach Program Specialist, as a basis for helping to establish the Outreach Directorate, was to become familiar with the merged NWFP Agricultural University system. During the quarter, visits were made to all academic departments on campus, as well as all research stations and sub-stations.

The three major purposes of these first visits were as follows:

- (1) to become acquainted with the operations, personnel and facilities of the merged system,
- (2) through formal presentations and discussions, help build an understanding of what NWFP AU Outreach is all about, and
- (3) gather information to help prepare for a more detailed study for program planning and evaluation purposes.

On September 15, as part of an overall orientation program for faculty and first and second year students, a formal presentation was made on the Outreach component of TIPAN. The talk focused on the nature of Outreach and implications for the future of the new merged NWFP AU system, audiences to be served, methods to be used, and human resources to be devoted to Outreach.

A tentative plan has been made to design the sequence of staffing for Outreach, based on the current situation. A key to any permanent staffing is the hiring of a Director of Outreach. Next quarter, a detailed job description will be developed for this key position. Hopefully, a national search will begin during the first quarter of 1986. If NWFP AU is not ready to hire at that time, a qualified person will be named to fill the position on an interim basis.

Naming of the Director of Outreach must come before other full and part-time Outreach personnel can be designated. Until a Director is named, personnel from academic departments will be selected as temporary liaison faculty for Outreach. They will start meeting with appropriate crops or livestock work groups. Full-time Outreach Program Leaders for the four faculties, to be headquartered on the Peshawar campus, will be hired after the Director of Outreach has been appointed. Other more permanent Outreach assignments in individual academic departments will also follow formal naming of the Director.

Full-time Regional Outreach Program Leaders may be among the last to be hired. According to the TIPAN Project Paper, these regional posts will not be filled until near the end of Phase I. Outreach personnel among research station faculty will be named within the next two years.

Initially, some will be designated as temporary liaison personnel to Outreach. Later, as the timing seems right, more permanent assignments will be made.

Develop NWFP Extension Division Relationships

During the quarter, the Memorandum of Understanding was signed between the Agricultural University and the NWFP Extension Division. The Memorandum sets the stage for formal cooperation. To initiate action, the Outreach Specialist and the TIPAN Team Leader made an official visit to the Extension Division of the provincial Department of Agriculture. Dr. Seiders and Dr. Rodda met with Mr. Lal Mohammad Khan and members of his immediate staff, including directors of regions and special projects. Visits were also made to the various facilities in the Peshawar headquarters, including administrative offices, the Agricultural Training Institute (ATI), and offices, studios, and printing shops of the Bureau of Agricultural Information.

Plans were outlined for Dr. Seiders to make a systematic review of all units in the Division of Extension. In addition to headquarters at Peshawar, visits will also be made to all regional and selected field offices. The visits will help the Outreach Specialist become familiar with the provincial extension service. They will provide him an opportunity to communicate what the Outreach component of TIPAN is all about and how it will affect extension personnel at all levels.

Mass Media Outreach

Preliminary plans have been completed for the selection of a five-person mass communications team to receive degree training in the United States. Upon their return, they will work in the Communications

Unit of the Learning Resources Center The positions are to include one director and four specialists in the areas of radio and video communications, print media and a publications editor.

A recommendation has been made that, due to the entrance requirements of the various universities under consideration and the background of the individuals, at least four of the M.S. candidates participate in a one-semester communications orientation program at the University of Illinois. John Behrens of the Support Centers Faculty Liaison Group has already planned the program and would serve as coordinator. Professor Behrens has also developed detailed job descriptions for each of the positions.

During the next quarter, arrangements need to be made to develop procedures for hiring necessary personnel to fill the communication team positions. Two current faculty members have already been nominated. The other three positions may have to be filled from outside the merged NWFP AU system.

Recommended Commodities to Support Outreach

A list of audio-visual equipment, including slide and overhead projectors, audio and video recorder, play-back units, and portable loud speakers was submitted as part of the large TIPAN equipment acquisition program. The equipment will be used to support the initial start-up of the AU Outreach effort. Much of the equipment requested will become part of a pool that can also be used for research and teaching.

Outreach Program Planning

As part of an initial needs assessment effort for program planning, familiarization visits were made to all academic departments on campus.

and all research stations and substations of the newly-merged NWFP AU system. Little evidence of outreach was found among the academic departments, with the exception of Agricultural Chemistry. They have been involved in training in the area of human nutrition. The first visit to research stations indicated more outreach activity than was initially anticipated. Most of the outreach work by station personnel is in the form of on-farm fertilization demonstrations and, as a new thrust for 1985, on-farm adaptive research for selected crops.

During the next quarter, a formal study will be carried out to more precisely identify needs and opportunities related to outreach. The findings will serve as a basis to plan initial involvement of research personnel at the various stations in the NWFP AU Outreach Program.

Plans are being made to cooperate with the International Program for Agricultural Knowledge Systems (INTERPAKS) at the University of Illinois to carry out a broad-based study of the overall system of technology development and transfer in the Northwest Frontier Province. The results of this study will be used to provide essential information, not otherwise available, for program planning purposes. Not only will the study deal with technology development and transfer, but it will also focus on broad national and provincial policy that affects research and extension. The fourth major area of study will deal with farmer utilization of technology.

Plans are being made to have a short-term consultant come to Peshawar to help lay the groundwork for this major study to take place during 1986. At that time, a team will spend one month in-country to carry out the study. Results from the study will be available for Outreach program planning after the team returns to the U. S.

Outreach Evaluation

In addition to gathering information for program planning purposes, the initial familiarization visits, discussed above, were also used to prepare for a detailed benchmark study to be used for future evaluation. A survey form has been developed to use in the second round of visits to systematically gather baseline data.

Research Program - Raymond G. Cragle

The major effort relating to research undertaken during this quarter was to gain a first-hand knowledge relating to the newly merged research system, both off-campus and on-campus. Accordingly, visits were made to the 15 field outreach/research sites in NWFP and to 13 on-campus academic departments. Twenty-eight meetings were held at field sites and in academic departments where the research program was discussed. Over 70 per cent of all faculty members were present in these meetings. (Teaching and Outreach were discussed, also.)

This detailed attention to the research division of the Agricultural University was made in recognition of the fact that earlier attention to the division by the Design Team could not be made. (See page 14, TIPAN Quarterly Report 85-II, 1 April - 30 June 1985.)

Visits to Off-Campus Outreach and Research Sites

The following visits were made during the quarter to off-campus outreach and research sites which are part of the Agricultural University, Peshawar:

Peshawar Division

1. Tarnab - general crops and fruits

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|---------------------|--|
| 2. Pirsabak | - cereal grains |
| 3. Surezai | - dairy |
| Harichand | - dairy (liaison only) |
| Mardan Division | |
| 4. Mardan | - sugar cane and sugar beets |
| Swat Division | |
| 5. Mingora | - general crops, rice, oilseeds, fruit |
| 6. Kalam | - potatoes, vegetables, maize |
| Saidu | - maize research field site (on rented land) |
| Hazara Division | |
| 7. Abbottabad | - potatoes |
| 8. Dhodial | - general crops |
| 9. Jaba | - sheep |
| 10. Kaghan | - summer wheat |
| 11. Sahran | - potato genetics |
| 12. Batakundi | - potatoes, vegetables, grain, maize |
| Kohat Division | |
| 13. Karok* | - chick peas |
| D. I. Khan Division | |
| 14. D. I. Khan* | - general crops |
| 15. Serai Naurang* | - general crops |

All of these visits were for the purpose of becoming acquainted with personnel and physical facilities at each site. In all cases, we were escorted during our visit by a director within the research system.

Each visit involved a meeting with research officers(BSc and above)

*These visits were made on October 2 and 3, 1985.

and generally a short presentation about the TIPAN project followed by a question and answer period. These meetings frequently lasted for one hour. The meeting was generally followed or preceded by a detailed tour of facilities and on-going research/demonstration plots and flocks/herds.

Most tours of the areas near research locations also included field trials on rented land and side-by-side trials in farmers' fields where the only difference would be a variety or a management practice.

Conditions at agricultural research locations in the Northwest Frontier Province vary widely. Agriculture is found from approximately 100 meters above sea level to over 2,500 meters, including widely varying soil, water, and temperature conditions. Economic and population pressures are such that certain areas of the province will rely on small plot agriculture for years in the future, while consolidation of land holdings and mechanization will hold promise for greatly improved efficiency of production in other areas. The agricultural research system must reflect both the needs of small plot farmers as well as the mechanization thrust for commercial farmers with larger land holdings.

From these visits, it is concluded that:

1. The integration of personnel and research sites into the general administrative structure of Agricultural University is a recent occurrence. Time will be needed to establish new working relationships and administrative procedures.

2. Since research at field locations and research on-campus are now joined, guidelines for administering the total research program need to be adopted.

3. In order to write the guidelines for administering the total

research program, a detailed inventory of facilities, personnel, land areas, animal facilities, and research funding sources will be needed. This is planned for the following quarter.

Equipment to be Purchased Through the TIPAN Project

Thirteen academic departments of the Agricultural University, Peshawar, have been contacted regarding their requests for equipment and chemicals to support programs in teaching, outreach, and research. Each of these academic units has submitted a list of equipment and chemicals in response. These lists are being consolidated and detailed specifications are being written in preparation for securing bids for purchases.

The Phase I allocation of funds available for commodity procurement is 3.2 million dollars. The dollar value of the total commodity request will not be known for several weeks. It is expected that requests will exceed the money allocated and that priorities will be established. Consolidations of lists, securing of specifications, and the bidding process means that the actual delivery of equipment and chemicals will be some months into the future; however, every effort will be made to achieve delivery as early as possible while still using the system which has been described.

The following conclusions are made:

1. All academic units are essentially starting from a zero base relating to equipment and chemicals for teaching, outreach, and research.
2. Additional sources of funds for equipment and chemical purchases for teaching, outreach, and research efforts may be needed. These additional sources of funds will be identified and plans will be formed

for making formal requests for additional support. This can be the beginning of one of the major continuing programs of the research division, the securing of gifts, grants, and contracts.

The Working Paper for the Integration of the Off-Campus and On-Campus Research Units

Although provincial administrative action has been taken, formally uniting the off-campus outreach and research sites to the administration of the Agricultural University, the procedures for administratively managing a newly enlarged campus research effort merged with an established agricultural effort located throughout NWFP, remain to be evolved.

The small group that will write the working paper for the integration of the off-campus and on-campus research units has been appointed and is expected to begin its work in early October. Considerations will be a detailed inventory of personnel and facilities. Budgetary processes and decision-making procedures will be reviewed. The general view will be how to make the joined off-campus and on-campus research efforts the most effective unit in meeting the research and outreach needs of the NWFP and Pakistan.

SUMMARY OF IN-COUNTRY TRAINING ACTIVITIES

Attendance at a workshop on "English for Specific Purposes" was recommended for Mr. Ibrahim, lecturer in the English Department. The workshop was scheduled for October 14, 15, and 16, 1985, and was sponsored by the National Academy for Higher Education and the University Grants Commission. This workshop was discussed with the Vice Chancellor, the

Registrar, Mr. Ibrahim, and with Laurie Emel, ESL Coordinator with AED. All agreed that this would be a worthwhile workshop. At this time, it has not been confirmed whether Mr. Ibrahim will be able to attend.

In-country capabilities for short-term training in computer science were explored with Mr. Nauman Bin Muhammad, ADP Manager for USAID/Islamabad. This was done specifically in an effort to get training for someone to teach computer science, and, more generally, to learn of opportunities for other persons at AU. Several places offer such training, including Quaid-e-Azam University, The University Grants Commission, University of Peshawar, and Saigal Computers, Ltd., in Peshawar. To date, these places have not been used, but consideration will be given to sending participants to at least one of these program for training.

Arrangements have been made with USAID and the Academy for Educational Development to administer the institutional TOEFL test to 100 faculty members, including both on-campus and off-campus faculty. Based upon the results of the October 20-22 tests, follow-up English language training will be offered to approximately 30 persons. Two classes are planned, one to be an intensive, all-day class and the other to be a half-day class of three hours.

Other opportunities for in-country training will be explored, including advanced training at various universities.

SHORT-TERM CONSULTANTS DURING REPORTING PERIOD

There were no short-term consultants during this quarter.

SUMMARY OF COMMODITY PROCUREMENT ACTIVITIES DURING PERIOD

1. Three Minolta 650-Z copying machines with document feeders and collators were ordered through USAID.
2. A source of overhead transparency sheets was located in Islamabad and a box of 100 imported heat resistant sheets was purchased for trial use by the faculty.
3. Five project vehicles were delivered.
4. Six desk calculators were delivered.
5. The following local purchases were made:
 - a. Two storage cabinets for office supplies,
 - b. An assortment of local office supplies,
 - c. TIPAN letterhead and team business cards, and
 - d. Floormats and car-care materials.

PLANNED ACTIVITIES AND SPECIFIC TARGETS FOR FIELD TEAM ACTION DURING THE NEXT REPORTING PERIOD

1. A Foreign Service National (FSN) secretary/word processor operator will be employed to meet the increased workload of the team and short-term consultants.
2. Two additional drivers will be hired to meet field travel requirements and the transportation needs of administrative visitors and short-term consultants.
3. Three heavy-duty copying machines will be put into service, one in the Library, one with the Deputy Controller of Examinations, and one in the TIPAN Office. Assistance to the faculty in meeting the extra workload of the term system will be emphasized.

4. The institutional TOEFL test will be administered to approximately one hundred on-campus and off-campus staff members to develop base line data on English competence. Preparation classes for the TOEFL test for thirty students will be started. The scheduling of classes will be planned to prepare these staff members for an official TOEFL test in January, 1986. On-going classes in English are planned.
5. The equipment lists, prepared by thirteen academic department at AU, will be refined, specifications will be developed, and the completed lists will be submitted to USAID for approval and transmission to UIUC for bids and purchases.
6. A rolling work plan, one year ahead, will be developed.
7. Requests for short-term technical assistance consultants, and the scope of work for each, will be developed and submitted for the remainder of the 1985-86 year.
8. A second round of research station visits will be made to evaluate research capabilities for the system, particularly with reference to personnel, equipment, and facilities/plots/animal units. Research station development needs will be assessed.
9. Position descriptions for the directors of teaching, research and outreach will be developed.
10. Participant training schedules for 1986 will be completed.
11. Planning will be undertaken for raising the general level of English competence in the university.
12. Selection of on-campus participants for advanced degree training will be essentially complete. Detailed planning for the selection of

off-campus nominees and new appointees for advanced degree training will begin.

13. Computer-based office procedures will be initiated.

14. Interaction between TIPAN staff (at Peshawar and UIUC) and Skidmore, Owings and Merrill on detailed design for Phase I construction is anticipated to begin next quarter.

15. The Teaching Specialist will meet with new course instructors and develop/recommend policies and procedures for systematic review of the curriculum. Plans for second-term courses will be developed. Practicums will be reviewed and plans will be initiated for internships.

16. Workshops and seminars on teaching skills will be conducted. The Teaching Specialist will meet with new course instructors to provide guidance on teaching skills, and he will work with team members in integrating teaching with research and outreach.

17. The Teaching Specialist will review the progress of the women's programs and identify constraints or problems facing women students.

18. Constraints in admission of Baluchistan students will be identified.

19. A follow-up on the receipt of textbooks previously ordered will be done and additional purchases of textbooks will be recommended.

20. The Teaching Specialist will meet with faculty members to plan for methods of evaluating teaching performance and review methods that have been used at AU.

21. The present tutorial program for students, and its effectiveness, will be reviewed. Needed changes for first and second-year students will be recommended.

22. Plans for an internship program will be devised and work with departments and administration in planning a system of job placement will be undertaken.

23. Procedures will be initiated with the AU administration for hiring the Director of Communications.

24. The Outreach Specialist will develop NWFP Extension relationships through visits to personnel in several offices of Extension headquarters in Peshawar.

25. The Outreach Specialist will begin planning for Technology Package Development.

26. The Outreach Specialist will begin to identify on-campus and off-campus faculty to take on interim liaison assignments until permanent outreach personnel are designated.

27. A detailed survey of current outreach activities of all outreach/research stations will be undertaken to identify needs. In collaboration with short-term TA, for Fall, 1986, a study will be planned to determine needs of current technology development/transfer in NWFP (INTERPAKS Case Study).

28. The working paper for the administrative integration of on-campus/off-campus crops/animal research efforts into a single research unit will be prepared by the Research Specialist.

29. A system to establish priorities for research and to assign human, physical, and financial resources to specific projects will be devised. The record system needed to measure progress and inform others of on-going research will also be devised.

30. Workshops and seminars on research quality and research administration will be initiated.
31. An annual faculty achievement form (with teaching and research) will be prepared.
32. An overall comparison of progress for the TIPAN project with the contractor s TIPAN Project Paper Master Plan will be made.
33. Research working groups for each faculty group and each facility (with teaching and outreach) will be planned.
34. A detailed inventory of off-campus research facilities for equipment, personnel, buildings, plots, soil types, etc., will be made.
35. Contact with provincial working groups for maize, wheat, and sugar cane will be made. Contact with CIMMYT and other international research organizations will be made.
36. A TIPAN team member will meet with the Library Committee to plan for staffing and implementation of new cataloging system.
37. The start up of computer lab will be planned.
38. The on-campus and off-campus advanced degree program will be monitored.
39. The on-campus and off-campus non-degree program will be monitored.
40. Four areas for requests for technical assistance (eight requests to date) will be initiated.
41. The Fall, 1986, enrollment for undergraduate students will be monitored.
42. The Fall, 1986, enrollment for graduate students will be monitored.

RECOMMENDATIONS TO OVERCOME FIELD OPERATIONS CONSTRAINTS

This report period represents the first three-month period during which the TIPAN Team Leader, Teaching Specialist, Outreach Specialist, and Research Specialist have all been present at the NWFP Agricultural University, Peshawar.

Limitations during this period have been primarily in the nature of establishing an office, establishing office procedures, overcoming transportation difficulties, establishing family residences, and becoming acquainted with the Agricultural University, both on-campus and in the NWFP.

Even in this early stage of the TIPAN Project, constraints are evident.

1. There are constraints which need to be overcome which involve ways of transacting business within the University. These primarily involve organizational and business procedures and the establishing of standards for reporting, meetings, and follow-throughs. Communications within the provincial system now administered by Agricultural University have the constraint of no phones at several locations. A number of these changes could be achieved at modest cost.

2. There are constraints which are basic to the success of on-going teaching, outreach, and research efforts and which might be solved without undue effort or expenditure of funds. These are of the following nature:

a. Support for group communications such as quality chalkboards and visuals, available copying capability, and transparency capability, overhead and slide projection capability, etc., and

b. Utility availability, including a continuous, regulated supply of electricity, natural gas, vacuum, hot and cold water, heat, and cooling, etc.

The basic constraint, other than procedures and basic conditions for workspaces, involves the acquiring of modern and expensive technology. This is represented by the acquiring of:

1. High computer analytical capability,
2. High analytical capability for chemistry and physical testing, and
3. Efficient transportation and communications capabilities.

Work is proceeding for second group commodity purchases of equipment, (see page C-19, Part I - Schedule, TIPAN Contract) which will begin to remove some of the constraints indicated for the high technology area.

PROJECT BACKSTOPPING

TIPAN Project Work Group (PWG)

PWG activities through the late summer months were reduced somewhat from the preceding quarter. No meetings were held in July/August due to scheduling conflicts by PWG members. Liaison was maintained through frequent telephone communications between the Carbondale and Urbana-Champaign campuses. The PWG met on September 19. Major agenda items, recorded in other sections of this report, were programming for technical assistance, participant training, reports from faculty liaison groups, status of faculty liaison chairs, selection of the first TIPAN satellite institution and TIPAN reporting requirements.

Dates for the remaining PWG meetings in 1985 were set at October 17, November 21 and December 19.

Faculty Liaison Groups

During the previous quarter, certain PWC members were designated to maintain contact with faculty liaison groups. They were Animal Husbandry, Howard Olson; Plant Sciences, John Nicholaides; Rural Social Sciences, Tom McCowen; Engineering Applications and Food Technology, John Santas; and Service Centers, Charles Klasek. These PWC members maintained contact throughout the quarter with their respective groups.

All of the faculty liaison groups were active to a degree during the quarter. The project director staff meet with chairs of the FLGs during the summer quarter and agreed to develop a more comprehensive statement of intent to guide the groups in their support roles. The Senior Project Advisor took the lead in this study, and his findings are summarized below:

The faculty liaison groups have functioned effectively during the first year of the project. However it is anticipated that the second project year will be one of greatly increased activity placing heavier responsibilities and demands on the entire campus backstopping system including the FLGs. Five resident team members are now at the NWFP AU and two more are in process of being selected. They are now identifying a large number of short term consulting needs. Both degree and non degree trainees continue to be selected. The team and the NWFP AU colleagues are identifying equipment and supply needs. Very soon there will be need to work with the architectural and engineering firm of Skidmore, Owings and Merrill on the design of buildings to be constructed during Phases I and II of the project.

The general purposes of the FLGs are: 1) to assist the development of the programs, facilities, faculty and staff of the NWFP AU during the ten year life of the project and 2) to build enduring linkages between the NWFP AU and UIUC/SIUC, cooperating universities, and other national and international organizations.

FLGs are encouraged to recommend and participate in any and all activities that will contribute to their general purposes. The following are among the activities that have been identified during the planning and early implementation of TIPAN:

1. Assist in identification and selection of resident field personnel.

2. Identify and assist in selection of personnel to serve on short term assignments in response to needs identified by NWFP AU personnel and the TIPAN resident team. FLGs may also participate in needs identification.
3. Advise the TIPAN training officer on placement of degree participant trainees, selection of faculty advisors and arranging for thesis research in Pakistan.
4. Assist the TIPAN training officer in planning the programs of non degree participant trainees.
5. Assist the TIPAN office and field team on needs and specifications of equipment, supplies, textbook, references, journals and other teaching research and library materials.
6. Assist the TIPAN architectural and engineering contractor in the design of teaching classrooms and laboratories, research laboratories and experimental field facilities, and outreach facilities.
7. Develop and maintain a network of U.S. university and other national and international organization personnel with a continuing interest in mutually beneficial relationships with programs and personnel at the NWFP AU.
8. Recommend to the TIPAN PWG and other backstopping personnel policy, program and activity changes that will maximize TIPAN project contribution to attainment of NWFP AU goals and objectives.
9. Prepare quarterly summaries of FLG activities and recommendations.

The experience to date in the first year of the project, and anticipated needs of the immediate future, suggest changes in the composition and procedures of the FLGs. Among the needed changes are the following:

1. Increasing the size of the FLGs to more fully represent the disciplines in the NWFP AU faculties.
2. Designation of a Vice Chair for each FLG with the responsibility for FLG activity in the absence of the Chair.
3. Designation of a responsible person for each FLG at UIUC and SIUC at all times.
4. A meeting of each FLG not less than once quarterly with written summaries of FLG deliberations and recommendations.
5. Preparation of quarterly summaries of activities and recommendations.

These program modifications have already begun to be implemented

and will be fully in place by the end of CY 85. In addition, two chair persons of FLGs, Engineering Applications and Food Technology and the Learning Resources/Continuing Education Center FLG, retired during the quarter. The Engineering Applications and Food Technology chairperson will retain some departmental contacts and has agreed to continue as chairperson until such time as the membership of the FLG can be expanded and a new chairperson selected. The Learning Resources Center/Continuing Education Center FLG chairperson asked to be relieved at the time of retirement. He will continue to serve as an FLG member, however. A new chairperson will be identified and appointed during the next quarter.

TIPAN Project Staffing

Three additional resident field staff commenced assignment at Peshawar during this quarter joining the team leader who arrive late in the previous quarter. Their reports are included in the field operations section. These reports indicated that the team members were well briefed on the project and were able to get individual programs underway in short order.

The process of recruitment, clearance, preparation and assignment of the fifth resident team member was completed during the quarter. SIUC is the support agency for Mr. Joseph Marion, Research and Demonstration Station Development and Management Specialist. Mr. Marion arrived in Pakistan to commence his assignment on September 30, and reached Peshawar October 2.

Faculty liaison groups conducted an informal search, restricted to departments on the Carbondale or Urbana-Champaign campuses, to identify potential nominees for resident assignments in the areas of Rural Social Sciences and Dairy Production. A potential candidate for each position

was identified and a request for a Fall, 1985 TDY in each area is being considered by the NWFP AU Expert Selection Committee.

Planning for CY 1986 needs for short term personnel was advanced when, late in the report period, the team leader forwarded the procedure for short term personnel selection approved by the project Management Advisory Group and an indicative listing and schedule of short term consultant needs by discipline. Scopes of work are being developed and will be forwarded to campus in the following quarter. Contacts are being made with individuals who have, in the past, indicated interest in serving short term assignments on the TIPAN project.

Selection of Cooperating Universities

At its September 19 meeting the PWG agreed to invite California State University Fresno (CSUF) to become a "satellite" university to participate in a variety of TIPAN related activities, but focusing on the training of NWFP Agricultural University faculty. A letter of invitation was issued and acknowledgement is expected soon. A representative of CSUF has been invited to visit the TIPAN offices preferably in conjunction with the October, November or December PWG meeting.

Commodity Procurement

The third quarter of 1985 was active with 'Request for Price' bid packages being prepared in coordination with the UIUC purchasing division. These bid packages will guarantee the best prices from among competing vendors for 90 days. They include some items which cannot be purchased immediately due to their exclusion from the contract's 'preliminary procurement items' list. Upon receipt of USAID concurrence, the equipment

and commodity requests from those departments which were not included in the "preliminary procurement list" will be requisitioned.

Photocopies of titles from the NWFP AU library's card catalogs were received at UIUC. These will go into a computer database to be compared to a database containing library book requests which the TIPAN office has received from the various NWFP AU departments. By cross-referencing the two databases, the possibility of ordering new library books which are already available will be eliminated.

The purchasing of some equipment has been hampered due to incomplete or inaccurate specifications in departmental request lists. Some of these uncertainties have been resolved by working with NWFP AU staff who are on campus at UIUC. Those which cannot be determined have been returned to the field for clarification, thus impeding the timely acquisition of sorely needed equipment. Future departmental requests for equipment and materials should be better prepared, however, with the help of the TIPAN team members and FLGs who will be playing an active role in needs assessment.

Request has been made to the Department of Commerce for an export license needed to ship the IBM personal computers purchased for the teaching computer laboratory. The license should be issued in the following quarter and shipment will be made soon after receiving the license.

Serious consideration must be given at the NWFP AU to the delivery of items purchased through UIUC. As numerous shipments of various types of purchases - textbooks, library acquisitions, supplies and equipment - arrive at the NWFP AU, it will be crucial to have a central receiving station well established to inventory and distribute items as well as

report back to UIUC when shipments are received. An important communication linkage must be developed between this receiving station and the TIPAN office at UIUC to insure the most efficient transfer of goods.

Participant Training

Principal Activities

This quarter was a period of intense activity in both degree and non-degree training. During the reporting period a total of six participants completed non-degree study and returned to Pakistan. Two were from the Research division and four were NWFP AU faculty. Also during this quarter, nine NWFP AU faculty entered advanced degree programs in the U.S. universities.

A format and procedure for the preparation and submission of monthly participant training progress reports was established and the first report was issued. The high level of participant traffic during this quarter is reflected in the monthly progress report which was submitted for September 1985.

Status of Participants

A. Non-Degree Training

The following table summarizes non-degree training activity during this period.

<u>Name</u>	<u>Field of Study</u>	<u>Duration</u>	<u>Completion</u>
Tajammal Hussain	Human Nutrition (Post-Doctoral)	6 mos.	7/19/85
Mohammad Tariq	Agric. Mechanization (Post-Masters)	12 mos.	8/15/85
Habib Ur Rehman	Soil Chemistry (Post-Masters)	3 mos.	8/30/85
S. Iqbal Shah	Animal Science (Post-Doctoral)	6 mos.	9/30/85
Abdul Rauf Khattak	Sugar Crop Production (Post-Masters)	3 mos.	9/30/85
Jehangir Khattak	Soil Science (Post-Masters)	3 mos.	9/30/85

To avoid staffing problems for the university, these training programs were scheduled so that participants could be back at the NWFP AU to take up their teaching assignments for the 1985-86 term. Programs arranged for the above six participants were highly individualized and tailor-made. The planning, implementation and monitoring of these types of programs is a time-consuming and labor-intensive operation. This type of training does, however, pay high returns because it results in an infusion of enthusiastic, upgraded personnel early in the life of the project while awaiting the completion and return of participants enrolled in degree programs. Up to this point, a total of 13 have completed non-degree, specialized training. They have acquired the latest technical information in their respective fields and have at the same time, become acquainted with TIPAN project design and philosophy. In summary, these returnees make up a critical mass of host-country scientists who can at this stage work closely with the in-country technical assistance team to effect some of the changes called for in the TIPAN project.

B. Advanced Degree Training

Details on the nine participants who arrived in late August and early September to enter M.S./Ph.D. programs are as follows:

<u>Name</u>	<u>Program Emphasis</u>	<u>University</u>
Hidayatur Rahman	Agronomy/Maize Breeding	South Dakota State
Bashir Ahmad Mohmand	Seed Technology	Mississippi State
Noor L. Badshah	Horticulture	Washington State
Taj Mohd. Khan	Sheep Production	Univ. of Wyoming
Mohammad Naeem	Entomology	Univ. of Illinois
Rafiullah Khan	Food Science	Univ. of Illinois
Fida M. Yousafzai	Teaching English	Univ. of Illinois
Wazir Mohd. Sadiq	Horticulture	Cal Polytechnic/SLO
Jan Mohd. Miankhel	Food Science	Cal Polytechnic/SLO

As of September 30, a total of 16 participants are enrolled in advanced degree programs at eight United States universities.

Even before the 1985 Fall group of degree participants had arrived, work had begun on placement of other nominees for January 1986 admission. Registration was completed for a total of 20 nominees to take TOEFLs in Islamabad and Peshawar during the fourth quarter of 1985. Six nominees were also registered to take the Graduate Record Examination (GRE) in Pakistan and one was registered for the Miller Analogies Test. Applications and credentials of nine nominees have been submitted to eight different U.S. universities, where they are currently under consideration for January 1986 admission to M.S. or Ph.D. programs. Details on these pending applicants are:

<u>Name</u>	<u>Field of Study</u>	<u>University</u>
Muhammed Amjed	Dairy Science	Univ. of Minnesota
Nawab Ali	Horticulture	Univ. of Florida
Mohammad Asrar	Education Administration	Univ. of Illinois
Attaullah	Library Science	Univ. of Hawaii
Parvez Iqbal Paracha	Human Nutrition	Univ. of Connecticut
Hamidullah Shah	Human Nutrition	Univ. of Connecticut
Masood Ur Rahman	Agricultural Engineering	Univ. of Wyoming
Amanullah Bhatti	Soil Physics	Purdue University
Mohammad Ayaz	Agricultural Journalism	Univ. of Wisconsin

Assimilation Concerns

By the end of the quarter, reports had been received from participants and/or international offices at the University of Wyoming, Cal Poly and the University of Illinois, that some participants who arrived for training at the beginning of the current academic term were having serious adjustment problems, some to the extent that return to Pakistan might be the only solution. The training officer has been in touch with each of the participants and the full resources of the training institutions,

including professional counseling staff, are being utilized to assist the participants in resolving their difficult personal problems. The majority of the faculty of NWFU Agricultural University have made normal adjustment to U.S. academic life. With the numbers of participants, both degree and non-degree, scheduled to come from the Agricultural University it is to be expected that some will be more adaptable than others. This situation will be carefully monitored in the next quarter, with first priority being given to the restoration of the participants health and secondarily the continuation of his academic program.

EXPENDITURE REPORT

Line item expenditures for the quarter under report and total expenditures since the conception of the project are shown in Table 1 below. Expenditure data for individual participant trainees is detailed in Attachment A. In subsequent reports we will also include data for expenditure of local currency funds under control of the team leader; thus providing, in one report section, foreign exchange and local currency expenditure information.

Table 1

TIPAN PROJECT EXPENDITURES
 NOV. 1, 1984 TO JUNE 30, 1985, 3RD QUARTER, CY 1985,
 AND TOTAL TO SEPT. 30, 1985

	11/11/85 - 6/30/85	7/1/85 - 9/30/85	11/11/84 9/30/85 GRAND TOTAL
I. SALARIES	\$55,991.46	47,804.99	103,796.45
II. FRINGE BENEFITS	\$4,016.80	5,338.03	9,354.83
III. INDIRECT COSTS	\$50,528.69	15,246.00	65,774.69
IV. TRAVEL & TRANSPORTATION	\$32,731.06	24,149.51	56,880.57
V. ALLOWANCES	\$4,368.82	-----	4,368.82
VI. OTHER DIRECT COSTS	\$9,332.45	2,178.28	11,510.73
VII. TRAINING	\$82,738.16	71,151.46	153,889.62
VIII. EQUIPMENT(ACE)	\$154,376.20	7,511.08	161,887.28
IX. EQUIPMENT LOCAL	\$2,978.39	471.28	3,449.67
X. MISC TRAVEL EXP	-----	-----	-----
XI. T O T A L	\$397,062.03	\$173,850.63	\$570,912.66

PLANS FOR ENSUING QUARTER

During the next quarter extending from October 1 through December 31, 1985, we expect the following actions will have been completed:

1. A new TIPAN secretary will be hired replacing Mrs. Kim Oliver who transferred to another position on campus.
2. An administrative visit to Peshawar will be made by the training officer, John W. Santas, for the purpose of working with resident team members and NWFP Agricultural University staff in developing an approved program for the identification, selection, preparation and assignment of participant trainees.
3. Requests for short term consultanties in Dairy Production and Rural Social Sciences will be received and filled.

4. The process of reorganizing faculty liaison groups, including the assignment of a new chairman for the Learning Resources Center/Continuing Education Center FLG will be largely completed.
5. Scopes of work for short term consultanties required in the first half of CY 86 will have been received from the team leader and recruitment for those positions will be under way.
6. The adequacy of the campus backstopping support organization will be evaluated by USAID TIPAN project manager, Maurice Fleming, during his period of R and R.
7. Decisions will be reached on continuation/termination of programs for four newly arrived NWFP Agricultural University faculty members who are experiencing serious adjustment/health problems.
8. Interaction between TIPAN staff (at Peshawar) and UIUC, and Skidmore, Owings and Merrill on detailed design for Phase I construction will be underway.
9. Clearance for exportation of equipment for the NWFP AU computer teaching laboratory will be received and shipment made.
10. Bids for Phase II of the telecommunications improvement project will be approved by UIUC Board of Trustees and USAID/Pakistan.

Attachment A

TIFAN
PARTICIPANTS-NONDEGREE, NONENROLLED
ACCOUNT NO. # 1-5-40322

QUARTERLY FINANCIAL REPORT
-----THIRD QUARTER-1985-----

STUDENT NAME INAMUL HAQ	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
	4912-MAINTENANCE	\$1,800.00				\$0.00	\$1,800.00
	4913-EQUIPMENT	\$0.00				\$0.00	\$0.00
	4914-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	4915-HEALTH INSURANCE	\$0.00				\$0.00	\$0.00
	4916-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	4917-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	4918-TEXT BOOKS	\$0.00				\$0.00	\$0.00
	4919-BOOK MAILING	\$0.00				\$0.00	\$0.00
TOTAL		\$1,800.00	\$0.00			\$0.00	\$1,800.00
MOHAMMAD SHAHID							
	4912-MAINTENANCE	\$1,800.00				\$0.00	\$1,800.00
	4913-EQUIPMENT	\$0.00				\$0.00	\$0.00
	4914-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	4915-HEALTH INSURANCE	\$0.00				\$0.00	\$0.00
	4916-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	4917-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	4918-TEXT BOOKS	\$0.00				\$0.00	\$0.00
	4919-BOOK MAILING	\$0.00				\$0.00	\$0.00
TOTAL		\$1,800.00				\$0.00	\$1,800.00
ABDUL RAUF KHATTAK							
	4912-MAINTENANCE	\$5,160.00	\$690.00			\$690.00	\$5,850.00
	4913-EQUIPMENT	\$0.00				\$0.00	\$0.00
	4914-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	4915-HEALTH INSURANCE	\$0.00	\$120.00	\$3,780.00		\$3,780.00	\$3,780.00
	4916-U.S. TRAVEL	\$0.00	\$1,016.15			\$120.00	\$120.00
	4917-INT'L. TRAVEL	\$0.00				\$1,016.15	\$1,016.15
	4918-TEXT BOOKS	\$50.00				\$0.00	\$0.00
	4919-BOOK MAILING	\$60.00				\$0.00	\$50.00
TOTAL		\$5,270.00	\$1,826.15	\$3,780.00	\$0.00	\$5,606.15	\$10,876.15
HABIBUR REHMAN							
	4912-MAINTENANCE	\$2,790.00	\$1,620.00			\$1,620.00	\$4,410.00
	4913-EQUIPMENT	\$0.00				\$500.00	\$500.00
	4914-TRAINING ALLOWANCE	\$0.00				\$419.46	\$419.46
	4915-HEALTH INSURANCE	\$120.00				\$419.46	\$419.46
	4916-U.S. TRAVEL	\$0.00	\$953.00	\$40.00		\$0.00	\$120.00
	4917-INT'L. TRAVEL	\$0.00				\$993.00	\$993.00
	4918-TEXT BOOKS	\$50.00				\$0.00	\$0.00
	4919-BOOK MAILING	\$60.00				\$0.00	\$50.00
TOTAL		\$3,020.00	\$2,573.00	\$40.00	\$919.46	\$3,532.46	\$6,552.46

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TIFAN
 PARTICIPANTS-NONDEGREE, NONENROLLED
 ACCOUNT NO.# 1-5-40322

QUARTERLY FINANCIAL REPORT

-----THIRD QUARTER-1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
HUSSAIN, TAJAMMAL	4912-MAINTENANCE	\$6,755.00				\$0.00	\$6,755.00
	4913-EQUIPMENT	\$300.00				\$0.00	\$300.00
	4914-TRAINING ALLOWANCE	\$290.00	\$225.00			\$225.00	\$515.00
	4915-HEALTH INSURANCE	\$300.00				\$0.00	\$300.00
	4916-U.S. TRAVEL	\$2,790.60				\$0.00	\$2,790.60
	4917-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	4918-TEXT BOOKS	\$210.00				\$0.00	\$210.00
	4919-BOOK MAILING	\$60.00				\$0.00	\$60.00
TOTAL		\$10,705.60	\$225.00			\$225.00	\$10,930.60
SHAH, BASIT ALI	4912-MAINTENANCE	\$0.00				\$0.00	\$0.00
	4913-EQUIPMENT	\$0.00				\$0.00	\$0.00
	4914-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	4915-HEALTH INSURANCE	\$41.50				\$0.00	\$41.50
	4916-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	4917-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	4918-TEXT BOOKS	\$0.00				\$0.00	\$0.00
	4919-BOOK MAILING	\$0.00				\$0.00	\$0.00
TOTAL		\$41.50				\$0.00	\$41.50
KHATTAK,JEHANGIR	4912-MAINTENANCE	\$1,500.00	\$2,280.00	\$1,800.00		\$4,080.00	\$5,580.00
	4913-EQUIPMENT	\$0.00				\$0.00	\$0.00
	4914-TRAINING ALLOWANCE	\$0.00	\$2,750.00		\$399.47	\$399.47	\$399.47
	4915-HEALTH INSURANCE	\$280.00				\$280.00	\$280.00
	4916-U.S. TRAVEL	\$0.00	\$680.00			\$0.00	\$680.00
	4917-INT'L. TRAVEL	\$0.00			\$45.00	\$45.00	\$45.00
	4918-TEXT BOOKS	\$0.00	\$50.00			\$0.00	\$50.00
	4919-BOOK MAILING	\$0.00	\$60.00			\$0.00	\$60.00
TOTAL		\$1,780.00	\$5,820.00	\$1,800.00	\$444.47	\$8,064.47	\$9,844.47
SHAH, S IOBAL	4912-MAINTENANCE	\$8,621.52	\$1,678.48			\$1,678.48	\$10,300.00
	4913-EQUIPMENT	\$246.79				\$253.21	\$500.00
	4914-TRAINING ALLOWANCE	\$2,600.29	\$3,000.00			\$1,800.00	\$4,400.29
	4915-HEALTH INSURANCE	\$150.00				\$0.00	\$150.00
	4916-U.S. TRAVEL	\$2,722.50				\$0.00	\$2,722.50
	4917-INT'L. TRAVEL	\$0.00	\$88.49		\$46.00	\$46.00	\$2,768.50
	4918-TEXT BOOKS	\$250.00				\$88.49	\$88.49
	4919-BOOK MAILING	\$60.00				\$0.00	\$250.00
TOTAL		\$14,651.10	\$4,766.97	\$0.00	(\$900.79)	\$2,866.18	\$18,517.28

Best Available Document

TIFAN - A
 PARTICIPANTS - DEGREE, ENROLLED
 ACCOUNT NO. # 1-5-40321

QUARTERLY FINANCIAL REPORT
 THIRD QUARTER - 1985

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
SHAH, FAIGHAM 000-59-4943	B100-MAINTENANCE	\$5,310.00	\$1,270.00	\$635.00		\$1,905.00	\$7,215.00
	B150-THESIS	\$0.00				\$0.00	\$0.00
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	B153-HEALTH INSURANCE	\$300.00				\$0.00	\$300.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	B156-TEXT BOOKS	\$210.00	\$270.00			\$270.00	\$480.00
	B157-BOOK MAILING	\$0.00				\$0.00	\$0.00
	B158-RESEARCH	\$68.94				\$0.00	\$68.94
	B159-TUITION & FEE	\$1,488.00				\$0.00	\$1,488.00
B190-TYPING	\$227.00				\$0.00	\$227.00	
TOTAL		\$7,603.94	\$1,540.00	\$635.00	\$0.00	\$2,175.00	\$9,778.94
MIAN, MUSHTAQ AHMED 999-99-7018	B100-MAINTENANCE	\$4,820.00	\$366.00	\$610.00	\$610.00	\$1,586.00	\$6,406.00
	B150-THESIS	\$198.47				\$0.00	\$198.47
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$30.00				\$0.00	\$30.00
	B153-HEALTH INSURANCE	\$300.00				\$0.00	\$300.00
	B154-U.S. TRAVEL	\$376.00				\$0.00	\$376.00
	B155-INT'L. TRAVEL	\$1,640.00				\$0.00	\$1,640.00
	B156-TEXT BOOKS	\$210.00	\$270.00			\$270.00	\$480.00
	B157-BOOK MAILING	\$0.00				\$0.00	\$0.00
	B158-RESEARCH	\$1,500.00				\$0.00	\$1,500.00
	B159-TUITION & FEE	\$2,910.50				\$892.00	\$3,802.50
TOTAL		\$11,984.97	\$636.00	\$610.00	\$1,502.00	\$2,748.00	\$14,732.97
KHAN, MOHAMMAD NAWAB 000-59-0613	B100-MAINTENANCE	\$4,445.00				\$0.00	\$4,445.00
	B150-THESIS	\$0.00				\$0.00	\$0.00
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	B153-HEALTH INSURANCE	\$336.00				\$0.00	\$336.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	B155-INT'L. TRAVEL	\$0.00	\$1,493.00	\$2,986.00	(\$1,493.00)	\$2,986.00	\$2,986.00
	B156-TEXT BOOKS	\$300.00				\$0.00	\$300.00
	B157-BOOK MAILING	\$120.00				\$0.00	\$120.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
	B159-TUITION & FEE	\$2,865.00				\$0.00	\$2,865.00
B190-TYPING	\$26.00				\$0.00	\$26.00	
TOTAL		\$8,092.00	\$1,493.00	\$2,986.00	(\$1,493.00)	\$2,986.00	\$11,078.00

TIFAN - A
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QUARTERLY FINANCIAL REPORT

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STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
SAHMAN, HIDAYAT UR	B100-MAINTENANCE	\$1,800.00					
	B150-THESIS	\$0.00		\$1,050.00		\$1,050.00	\$2,850.00
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	B153-HEALTH INSURANCE	\$300.00				\$0.00	\$0.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$300.00
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	B156-TEXT BOOKS	\$0.00			\$225.00	\$0.00	\$0.00
	B157-BOOK MAILING	\$0.00				\$225.00	\$225.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
B159-TUITION & FEE	\$0.00				\$0.00	\$0.00	
TOTAL		\$2,100.00	\$0.00	\$1,275.00	\$0.00	\$1,275.00	\$3,375.00
AHMAD, SWATI ZAHOR	B100-MAINTENANCE	\$5,795.00					
	B150-THESIS	\$0.00		\$1,150.00	\$575.00	\$1,725.00	\$7,520.00
	B151-EQUIPMENT	\$68.25				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$68.25
	B153-HEALTH INSURANCE	\$300.00				\$0.00	\$0.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$300.00
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	B156-TEXT BOOKS	\$210.00				\$0.00	\$0.00
	B157-BOOK MAILING	\$0.00				\$0.00	\$210.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
B159-TUITION & FEE	\$625.80	\$319.50			\$319.50	\$0.00	
TOTAL		\$6,999.05	\$319.50	\$1,150.00	\$575.00	\$2,044.50	\$9,043.55
KHAN, ASMATULLAH	B100-MAINTENANCE	\$0.00	\$1,270.00	\$935.00			
	B150-THESIS	\$0.00					
	B151-EQUIPMENT	\$0.00					
	B152-TRAINING ALLOWANCE	\$0.00					
	B153-HEALTH INSURANCE	\$640.00					
	B154-U.S. TRAVEL	\$0.00					
	B155-INT'L. TRAVEL	\$0.00		\$343.00			
	B156-TEXT BOOKS	\$0.00	\$90.00	\$45.00			
	B157-BOOK MAILING	\$0.00				\$135.00	\$135.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
B159-TUITION & FEE	(\$2,865.00)				\$0.00	\$0.00	
TOTAL		(\$2,225.00)	\$1,360.00	\$1,323.00	(\$300.00)	\$2,383.00	\$158.00

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QUARTERLY FINANCIAL REPORT

----- THIRD QUARTER -1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
KHAN, BAHADAR MARWAT	B100-MAINTENANCE	\$635.00	\$635.00	\$635.00		\$1,270.00	\$1,905.00
	B150-THESIS	\$0.00				\$0.00	\$0.00
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	B153-HEALTH INSURANCE	\$640.00				\$0.00	\$640.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	B156-TEXT BOOKS	\$45.00	\$45.00	\$45.00		\$90.00	\$135.00
	B157-BOOK MAILING	\$0.00				\$0.00	\$0.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
B159-TUITION & FEE	(\$2,865.00)				\$0.00	(\$2,865.00)	
TOTAL		(\$1,545.00)	\$680.00	\$680.00	\$0.00	\$1,360.00	(\$185.00)
MOHAMMAD YUSAF KHAN	B100-MAINTENANCE	\$1,845.00		\$1,230.00		\$1,230.00	\$3,075.00
	B150-THESIS	\$0.00				\$0.00	\$0.00
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	B153-HEALTH INSURANCE	\$760.00				\$0.00	\$760.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	B156-TEXT BOOKS	\$125.00		\$90.00		\$90.00	\$215.00
	B157-BOOK MAILING	\$0.00				\$0.00	\$0.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
B159-TUITION & FEE	\$0.00				\$0.00	\$0.00	
TOTAL		\$2,730.00		\$1,320.00		\$1,320.00	\$4,050.00
MOHAMMAD SAEED	B100-MAINTENANCE	\$635.00		\$635.00	\$635.00	\$1,270.00	\$1,905.00
	B150-THESIS	\$0.00				\$0.00	\$0.00
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00
	B153-HEALTH INSURANCE	\$640.00				\$0.00	\$640.00
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$0.00
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00
	B156-TEXT BOOKS	\$45.00		\$45.00	\$45.00	\$90.00	\$135.00
	B157-BOOK MAILING	\$0.00				\$0.00	\$0.00
	B158-RESEARCH	\$0.00				\$0.00	\$0.00
B159-TUITION & FEE	\$0.00				\$1,048.61	\$1,048.61	
TOTAL		\$1,320.00		\$680.00	\$1,728.61	\$2,408.61	\$3,728.61

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QUARTERLY FINANCIAL REPORT

----- THIRD QUARTER -1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85	
BASHIR AHMAD	B100-MAINTENANCE	\$0.00	\$1,800.00	\$550.00	\$550.00	\$2,900.00	\$2,900.00	
	B150-THESIS	\$0.00				\$0.00	\$0.00	
	B151-EQUIPMENT	\$0.00				\$0.00	\$0.00	
	B152-TRAINING ALLOWANCE	\$0.00				\$0.00	\$0.00	
	B153-HEALTH INSURANCE	\$680.00				\$0.00	\$680.00	
	B154-U.S. TRAVEL	\$0.00				\$0.00	\$0.00	
	B155-INT'L. TRAVEL	\$0.00				\$0.00	\$0.00	
	B156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00	
	B157-BOOK MAILING	\$0.00				\$0.00	\$0.00	
	B158-RESEARCH	\$0.00				\$0.00	\$0.00	
	B159-TUITION & FEE	\$39.00	\$10.00			\$10.00	\$49.00	
	TOTAL		\$719.00	\$1,810.00	\$730.00	\$550.00	\$3,090.00	\$3,809.00
	MOHAMMAD AMJED	B100-MAINTENANCE	\$0.00			\$1,800.00	\$1,800.00	\$1,800.00
B150-THESIS		\$0.00				\$0.00	\$0.00	
B151-EQUIPMENT		\$0.00				\$0.00	\$0.00	
B152-TRAINING ALLOWANCE		\$0.00				\$0.00	\$0.00	
B153-HEALTH INSURANCE		\$0.00				\$0.00	\$0.00	
B154-U.S. TRAVEL		\$0.00				\$0.00	\$0.00	
B155-INT'L. TRAVEL		\$0.00				\$0.00	\$0.00	
B156-TEXT BOOKS		\$0.00			\$180.00	\$180.00	\$180.00	
B157-BOOK MAILING		\$0.00				\$0.00	\$0.00	
B158-RESEARCH		\$0.00				\$0.00	\$0.00	
B159-TUITION & FEE		\$39.00				\$0.00	\$39.00	
TOTAL		\$39.00	\$0.00	\$0.00	\$1,980.00	\$1,980.00	\$2,019.00	
NAZIR AHMAD	B159-TUITION & FEE	\$52.00		\$26.00		\$26.00	\$78.00	
TOTAL		\$52.00		\$26.00		\$26.00	\$78.00	
SHERIN KHAN MOHAMMAD	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00	
TOTAL		\$52.00				\$0.00	\$52.00	
HAMID ULLAH SHAH	B159-TUITION & FEE	\$52.00		\$26.00		\$26.00	\$78.00	
TOTAL		\$52.00		\$26.00		\$26.00	\$78.00	

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TIPAN - A
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QUARTERLY FINANCIAL REPORT

 THIRD QUARTER -1985-

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
MOHAMMAD FIDA	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
NAWAB ALI	B159-TUITION & FEE	\$52.00		\$68.00	\$26.00	\$94.00	\$146.00
TOTAL		\$52.00		\$68.00	\$26.00	\$94.00	\$146.00
MOHAMMAD ASRAR	B159-TUITION & FEE	\$52.00	\$70.00			\$70.00	\$122.00
TOTAL		\$52.00	\$70.00	\$0.00	\$0.00	\$70.00	\$122.00
MISHTIAQ MUHAMMAD	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
ATTAULLAH	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
IQBAL FARVEZ PARA HA	B159-TUITION & FEE	\$52.00		\$26.00		\$26.00	\$78.00
TOTAL		\$52.00	\$0.00	\$26.00	\$0.00	\$26.00	\$78.00
KHAN JANBAZ	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
KHAN RAFIULLAH	B100-MAINTENANCE	\$0.00		\$2,435.00	\$635.00	\$3,070.00	\$3,070.00
	B151-EQUIPMENT	\$0.00			25.31	\$25.31	\$25.31
	B153-HEALTH INSURANCE	\$0.00		\$200.00		\$200.00	\$200.00
	B156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00
	B159-TUITION & FEE	\$72.00				\$0.00	\$72.00
TOTAL		\$72.00		\$2,815.00	\$660.31	\$3,475.31	\$3,547.31

TIPAN - A
 PARTICIPANTS -DEGREE, ENROLLED
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QUARTERLY FINANCIAL REPORT
 THIRD QUARTER -1985-

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
HUSSAIN BAKHTIAR	B159-TUITION & FEE	\$52.00			\$26.00	\$26.00	\$78.00
TOTAL		\$52.00			\$26.00	\$26.00	\$78.00
NOOR LAL BADSHAH	B100-MAINTENANCE	\$0.00	\$1,800.00	\$580.00	\$580.00	\$2,960.00	\$2,960.00
	B153-HEALTH INSURANCE	\$0.00		\$200.00		\$200.00	\$200.00
	B156-TEXT BOOKS	\$0.00	\$225.00			\$225.00	\$225.00
	B159-TUITION & FEE	\$52.00	\$58.00			\$58.00	\$110.00
TOTAL		\$52.00	\$2,083.00	\$780.00	\$580.00	\$3,443.00	\$3,495.00
HABIB UR REHMAN	B159-TUITION & FEE	\$26.00				\$0.00	\$26.00
TOTAL		\$26.00				\$0.00	\$26.00
SHAUKAT ALI	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MOHAMMED WAHEEDULLAH	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
KHAN SHAFIULLAH	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
AJAB KHAN	B159-TUITION & FEE	\$52.00			\$65.00	\$65.00	\$117.00
TOTAL		\$52.00			\$65.00	\$65.00	\$117.00
MOHAMMAD YOUNAS	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00

TIPAN - A
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QUARTERLY FINANCIAL REPORT

----- THIRD QUARTER -1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
SALEEM KHAN	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
KHAN MEERA	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MUHAMMAD JAMAL	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
JAN SAADULLAH	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MUHAMMAD JAWAID DURRANI	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00

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TIFAN - B
 PARTICIPANTS - DEGREE, ENROLLED
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-----THIRD QUARTER-1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
MAQBOOL ELAHI	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MOHD HASHIM KHAN	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MOHAMMAD IDRIS QAZI	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
NAWAZ QAYUM	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MAHMOOD KHAN	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
FAZIL RAHIM	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
ASLAM KHAN	B159-TUITION & FEE	\$52.00			\$26.00	\$26.00	\$78.00
TOTAL		\$52.00			\$26.00	\$26.00	\$78.00
SHAIKAT HAYAT	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
SAJJAD AHMAD	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00

TIPAN - B
 PARTICIPANTS -DEGREE, ENROLLED
 ACCOUNT NO.# 1-5-40321

-----THIRD QUARTER-1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
ULLAH GHUFRAN	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
RIAZ AHMAD SHAMUZAI	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
AURANGZEB	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MUSHTAJAB KHAN	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
SUBHAN FAZLI	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
MUTIULLAH KHAN	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
DIN NISIRUD	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
HUSSAIN KHAN GHULAIM	8159-TUITION & FEE	\$52.00			\$65.00	\$65.00	\$117.00
TOTAL		\$52.00			\$65.00	\$65.00	\$117.00
SAEED ULLAH KHAN	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00

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TIFAN - B
 PARTICIPANTS -DEGREE, ENROLLED
 ACCOUNT NO.# 1-5-40321

-----THIRD QUARTER-1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
MOHAMMAD YUNAS AWAN	8159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00				\$0.00	\$52.00
FIDA MOHAMMAD YOUSAFZAI	8100-MAINTENANCE	\$0.00		\$2,435.00	\$635.00	\$3,070.00	\$3,070.00
	8153-HEALTH INSURANCE	\$0.00		\$200.00		\$200.00	\$200.00
	8156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00
	8159-TUITION & FEE	\$20.00				\$0.00	\$20.00
TOTAL		\$20.00		\$2,815.00	\$635.00	\$3,450.00	\$3,470.00
MOHAMMAD IDRIS	8159-TUITION & FEE	\$60.00			\$26.00	\$26.00	\$86.00
TOTAL		\$60.00			\$26.00	\$26.00	\$86.00
MOHAMMAD AYAZ	8159-TUITION & FEE	\$60.00				\$0.00	\$60.00
TOTAL		\$60.00				\$0.00	\$60.00
SHAMSUL MUNEEB KHAN	8159-TUITION & FEE	\$60.00			\$26.00	\$26.00	\$86.00
TOTAL		\$60.00			\$26.00	\$26.00	\$86.00
MASOOD UR RAHMAN	8159-TUITION & FEE	\$60.00				\$0.00	\$60.00
TOTAL		\$60.00				\$0.00	\$60.00
MUMAYAN KHAN	8159-TUITION & FEE	\$34.00			\$26.00	\$26.00	\$60.00
TOTAL		\$34.00			\$26.00	\$26.00	\$60.00
FARZARD ALI JAN	8159-TUITION & FEE	\$34.00		\$26.00		\$26.00	\$60.00
TOTAL		\$34.00		\$26.00	\$0.00	\$26.00	\$60.00

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 PARTICIPANTS -DEGREE, ENROLLED
 ACCOUNT NO.# 1-5-40321

-----THIRD QUARTER-1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
MUNIR KHAN	B159-TUITION & FEE	\$60.00		\$26.00		\$26.00	\$86.00
TOTAL		\$60.00		\$26.00		\$26.00	\$86.00
NABI GHULAM	B159-TUITION & FEE	\$34.00			\$26.00	\$26.00	\$60.00
TOTAL		\$34.00			\$26.00	\$26.00	\$60.00
MOHAMMAD IBRAHIM	B159-TUITION & FEE	\$34.00				\$0.00	\$34.00
TOTAL		\$34.00				\$0.00	\$34.00
AMANULLAH BHATTI	B159-TUITION & FEE	\$34.00				\$0.00	\$34.00
TOTAL		\$34.00				\$0.00	\$34.00
SHERIN KHAN	B159-TUITION & FEE	\$34.00			\$26.00	\$26.00	\$60.00
TOTAL		\$34.00			\$26.00	\$26.00	\$60.00
RAHMAT ALI KHALIL	B159-TUITION & FEE	\$26.00				\$0.00	\$26.00
TOTAL		\$26.00				\$0.00	\$26.00
TAJ MUHAMMAD KHAN	B100-MAINTENANCE	\$0.00		\$2,560.00	\$580.00	\$3,140.00	\$3,140.00
	B151-EQUIPMENT	\$0.00			\$27.78	\$27.78	\$27.78
	B153-HEALTH INSURANCE	\$0.00		\$200.00		\$200.00	\$200.00
	B159-TUITION & FEE	\$52.00				\$0.00	\$52.00
TOTAL		\$52.00		\$2,760.00	\$607.78	\$3,367.78	\$3,419.78
MOHAMMAD NAEEM	B100-MAINTENANCE	\$0.00	\$1,800.00	\$635.00	\$635.00	\$3,070.00	\$3,070.00
	B153-HEALTH INSURANCE	\$0.00	\$680.00			\$680.00	\$680.00
	B156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00
	B159-TUITION & FEE	\$20.00				\$0.00	\$20.00
TOTAL		\$20.00	\$2,480.00	\$815.00	\$635.00	\$3,930.00	\$3,950.00

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TIPAN - B
 PARTICIPANTS -DEGREE, ENROLLED
 ACCOUNT NO.# 1-5-40321

-----THIRD QUARTER-1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
HARAFAT KHAN	8100-MAINTENANCE	\$0.00	\$0.00	\$1,800.00	\$0.00	\$1,800.00	\$1,800.00
	8153-HEALTH INSURANCE	\$0.00	\$160.00			\$160.00	\$160.00
	8156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00
	8159-TUITION & FEE	\$0.00	\$35.00			\$35.00	\$35.00
	TOTAL	\$0.00	\$195.00	\$1,980.00	\$0.00	\$2,175.00	\$2,175.00
MOHAMMAD WAZIR SADIQ	8100-MAINTENANCE	\$0.00	\$0.00	\$1,800.00	\$580.00	\$2,380.00	\$2,380.00
	8153-HEALTH INSURANCE	\$0.00	\$160.00			\$160.00	\$160.00
	8156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00
	8159-TUITION & FEE	\$0.00	\$35.00			\$35.00	\$35.00
	TOTAL	\$0.00	\$195.00	\$1,980.00	\$580.00	\$2,755.00	\$2,755.00
JAN MOHAMMAD MIANIHEL	8100-MAINTENANCE	\$0.00		\$1,800.00	\$580.00	\$2,380.00	\$2,380.00
	8153-HEALTH INSURANCE	\$0.00	\$160.00			\$160.00	\$160.00
	8156-TEXT BOOKS	\$0.00		\$180.00		\$180.00	\$180.00
	8159-TUITION & FEE	\$0.00	\$35.00			\$35.00	\$35.00
	TOTAL	\$0.00	\$195.00	\$1,980.00	\$580.00	\$2,755.00	\$2,755.00

TIPAN - C
 PARTICIPANTS -DEGREE, ENROLLED
 ACCOUNT NO.# 1-5-40321

QUARTERLY FINANCIAL REPORT

 THIRD QUARTER -1985-----

STUDENT NAME	OBJECT CODES	TOTAL THRU 6/30/85	FIRST MONTH EXPENDITURES	SECOND MONTH EXPENDITURES	THIRD MONTH EXPENDITURES	TOTAL THIRD QTR EXPENDITURES	CUMULATIVE AS OF 9/30/85
HABIB BANK/UIUC TIPAN ACCT FOR CHIEF OF PARTY TO ISSUE ADVANCES TO DEPARTING PARTICIPANTS							
	8100-MAINTENANCE	\$1,500.00					\$1,500.00
TOTAL		\$1,500.00					\$1,500.00
MUHAMMAD ISHTIAQ	8159 - HEALTH INSURANCE	\$0.00		\$26.00		\$26.00	\$26.00
	TOTAL	\$0.00		\$26.00		\$26.00	\$26.00
MUKHTAR AHMAD	8159 - HEALTH INSURANCE	\$0.00		\$26.00		\$26.00	\$26.00
	TOTAL	\$0.00		\$26.00		\$26.00	\$26.00
SYED MIRAJUDDIN	8159 - HEALTH INSURANCE	\$0.00		\$26.00		\$26.00	\$26.00
	TOTAL	\$0.00		\$26.00		\$26.00	\$26.00
MOHAMMAD SHER	8159 - HEALTH INSURANCE	\$0.00		\$26.00		\$26.00	\$26.00
	TOTAL	\$0.00		\$26.00		\$26.00	\$26.00
MIR KALAN SHAH	8159 - HEALTH INSURANCE	\$0.00			\$26.00	\$26.00	\$26.00
	TOTAL	\$0.00			\$26.00	\$26.00	\$26.00

Attachment B

TIPAN PROJECT WORK PLAN
1 July 1985 - 30 June 1986

July - September
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1986

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<u>PROJECT PLANNING AND IMPLEMENTATION</u>				
Institutional Changes and Organizational Restructuring	Continue to establish contacts with senior officials of PARC and NARC. Make familiarization visits to on-campus and off-campus research stations. Consult with officers of Agricultural University on merger issues for research stations. Hold University-wide forum on TIPAN.	Identify interim persons to work with long-term advisers in teaching, outreach, and research. Plan for the Agriculture Department transfer of research facilities, personnel, and budget to Agricultural University.	Establish directorates for teaching, research, and outreach.	Establish procedures for research administration including a two-dimensional system which allows administration of academic units and multiple discipline research efforts.
Master Work Plan	Orient long-term advisers on work plan requirements.	Develop 1985-86 master work plan in consultation with long-term advisers.	Refine master work plan and methods of integrating the multiple objectives for teaching, outreach, and research into a comprehensive plan of development for Agricultural University.	Develop 1986-87 master work plan.
Monitoring and Evaluation	Confer with senior administrators of Agricultural University on project monitoring and evaluation.	Request short-term technical assistance for planning of project monitoring and evaluation. Identify project baseline data requirements.	Continue with short-term technical assistance for monitoring, evaluation and establishing baseline data.	Develop programs for evaluating teaching and research performance.
Work Plans, Long-Term Advisers	Develop draft of work plans for 1985-86.	Finalize 1985-86 work plans.	Develop rolling work plans for one year ahead.	Initiate work plans for 1986-87.
Short-Term Technical Assistance	Finalize procedure for requesting short-term technical assistance and for selecting nominees. Develop 1985-86 short-term technical assistance needs and develop proposed schedule for visits.	Develop scope of work for each short-term technical assistance request and assist departments, Agricultural University, in initiating requests.	Develop supporting services for short-term advisers. Plan 1986-87 short-term technical assistance requirements and develop scope of work statements.	Initiate short-term technical assistance requests for 1986-87.

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	July - September 1985	October - December 1985	January - March 1986	April - June 1986
Participant Training Requirements				
On-Campus	Assist participants in obtaining clearances and visas. Provide travel funds.	Essentially complete selection of 38 on-campus nominees for advanced degree training (a few new appointees yet to be selected)		
Off-Campus		Begin detailed planning for selection of 102 off-campus nominees and new appointees for advanced training.	Continue testing and selection of nominees. First few nominees leave for advanced degree training.	Continue testing and selection of nominees for Fall, 1986, entrance for advanced degree training.
Implementation	Establish team office. Develop office procedures. Four of five team members to report for duty (Team Leader arrived in June). Employ vehicle drivers, Administrative Assistant, and temporary Secretary. Team members to meet with staff members by departments on-campus and in groups at research stations in the province. Plan classes for TOEFL test preparation. Review initial equipment purchase lists.	Begin detailed planning and implementation of programs in teaching, outreach and research. Begin computer based office procedures. Obtain initial requirements for teaching aids. Start TOEFL test preparation classes. Finalize initial equipment purchase lists and establish specifications. Send equipment lists for bids.	Establish computer accounting system and computer participant records. Review equipment bids and let initial contracts for equipment purchases. Develop the administrative procedures for initiating formal research projects for research to be undertaken.	Review support requirements for introduction of third year undergraduate program. Prepare for two additional long-term advisers.
Architecture and Engineering Coordination		Form working groups for each facility. Develop short-term technical assistance requirements for planning.	Establish contact with architecture and engineering contractor to coordinate planning procedures.	Complete planning for specific special use areas within comprehensive plans.
Special Programs	Admit students for reserved seats.	Develop special programs according to student requirements.	Evaluate first-term results for special programs.	Evaluate reserved seat admissions.

TEACHING				
Establish Teaching Directorate	Discuss TIPAN goals and objectives on campus and obtain faculty input.	Prepare recommended job description for Director of Teaching. Follow progress on actions regarding appointment of Director of Teaching	Initiate recruitment activities for Director of Teaching or identify interim director.	Select Director of Teaching of interim director.
Curriculum Development	Review first-year courses. Develop timetable for Fall term. Refine procedures for preparation of internal examinations.	Meet with new course instructors. Develop/recommend policies and procedures for systematic review of the curriculum. Plan for second-term courses. Review practicums. Initiate plans for internships.	Monitor proposals submitted for curriculum changes. Meet with assigned committees to plan further changes in curriculum. Identify teachers second term and for next year with emphasis on integrating research faculty.	Review progress of second term. Assist new course instructors in preparation of exams. Plan for 1986-86. Revise the examination process as necessary.
Faculty Development	Assist in identifying teaching faculty for training programs. Request technical assistance for seminars and workshops on teaching skills and other teaching program guidance.	Conduct/plan workshops and seminars on teaching skills. Meet with new course instructors to provide guidance on teaching skills. Work with Team members in integrating teaching with research and outreach.	Work with faculty in developing lecture notes, instructional objectives, examinations.	Plan/conduct seminars in selected subject matter areas.
Program for Women	Review progress in admission program for women.	Review progress of women's programs. Identify constraints or problems facing women students.	Recommend changes to improve women's programs. Work with AU administration in implementing changes.	Plan for ways to encourage more women students. Review job placement opportunities for women students.
Development of Special Programs	Review admission of Baluchistan students	Identify constraints in admission of Baluchistan students.	Recommend ways to improve admission of Baluchistan students.	Plan for increase in admission of Baluchistan students.
	Plan enrichment activities for students	Work with USIS in showing films, slides, and video cassettes.	Continue to provide students and faculty with special programs.	Review effectiveness of enrichment activities and revise for next year.

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Development of Special Programs (continued)	Plan for offering English language training courses for potential participants. Develop list of teaching and research faculty for institutional TOEFL test and follow-up language courses.	Work with AED in conducting English language courses on the AU campus.	Review progress of ESL program and plan for future classes.	Identify potential participants for next year's ESL classes. Plan ESL program for next academic year.
Purchase of Textbooks and Commodities	Review previous textbook orders.	Follow up on receipt of textbooks previously ordered. Recommend additional purchase of textbooks.	Work with Librarian and other Team members on proposals to revise library policies and procedures.	Follow up on procurement of textbooks. Continue plans/implementation of Learning Resources Center.
	Work with Team members on identifying needed teaching program commodities. Select and order critically needed commodities.	Select and order teaching program commodities and teaching materials.	Follow up on procurement. Receive and begin use.	Review needs for additional equipment.
Evaluating Teaching Performance	Discuss evaluation of teaching performance with selected teachers. Determine faculty attitudes regarding evaluation of teaching.	Meet with faculty to plan for methods of evaluating teaching performance. Review methods that have been used at AU.	Monitor the implementation of instructor evaluation for the Fall term. Evaluate results of instructor evaluation.	Assist in planning ways to improve instruction based upon instructor evaluations. Review and revise the method of instructor evaluation.
Master Work Plan	Meet with other Team members and with AU colleagues in reviewing progress. Plan and conduct meetings with AU faculty and students to discuss implementation of the TIPAN project.	Continue meetings with faculty to inform and discuss project implementation plans. Meet weekly with Team members.	Participate with on-going monitoring and evaluation of work plan.	Continue regular participation in monitoring and evaluation.
New Student Programs	Discuss existing program in academic advisement.	Review present tutorial program and its effectiveness. Recommend changes for first and second-year students.	Identify constraints in advisory program. Follow progress in recommended changes.	Continue to work with AU colleagues in improving the advisory program.

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New Student Programs (continued)	Include internship program in discussions with deans, dept. chairs, and faculty. Discuss with faculty at outlying research stations.	Develop further plans for internship program and make some initial contacts with potential cooperation.	Work with deans and dept. chairs in finalizing policies and procedures for internships.	Identify students and cooperators for the internship program. Work with participants in making internship assignments.
	Consider approaches to job placement.	Work with departments and administration in planning system for job placement.	Consult with AU colleagues in developing a job placement program.	Monitor the progress of the placement program and recommend changes for improvement.
Coordination of Research and Teaching Goals	Meet jointly with research and outreach specialists and AU on-campus and off-campus faculty in discussions relating to merger.	Work closely with research and outreach specialists in developing equipment lists, in selecting faculty for training, and in working toward all project objectives.	Develop coordinated work plans with research and outreach specialists. Assist in integrating research station faculty into teaching program.	Coordinate teaching program plans with those in research and outreach.
Design and Construction of AU Facilities	Review construction plans.	Provide information on instructional needs to A/E contractor.	Follow construction plans and provide information as needed.	Continue to provide information on instructional needs.

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<u>OUTREACH</u>				
Establish Outreach Directorate	Communicate goals of Outreach under TIPAN to all academic departments on campus and personnel at all research stations.	Develop job description for Director of Outreach. Attend faculty meetings to explain in more detail implications of Outreach and how each unit will eventually be involved.	Begin national recruitment for Director of Outreach or identify interim person to serve in that capacity until the position is filled.	Select Director of Outreach or interim Director of Outreach.
Establish Continuing Education Center	Write job description for five-person communications team to include Director, Print Media Specialist, Editor, Video Specialist, and Audio Specialist. Nominate two current faculty members to fill two of these positions.	Work out procedures with AU administration for hiring the Director of Communications and two other specialists from outside the AU system.	Work with TIPAN Training Officer to begin graduate training of all communication team members in the U. S.	Provide information on needs to prepare for pre-graduate school training of UIUC on technology transfer and mass communications.
Establish Department of Extension Education and Communications	Potential Department Chair in training at UIUC.	Potential Department Chair in training. Academic adviser to visit NWFP-AU for consultation in preparation of dissertation research.	Potential Department Chair in training.	Potential Department Chair in training. Participant to prepare research design.
Develop NWFP Extension Relationships	Sign Memorandum of Understanding to formalize linkages. Initiate cooperative work by making first official visit to Extension Division of the provincial Department of Agriculture.	Interview key personnel in the different units of Extension headquarters in Peshawar.	Continue familiarization trips. Begin to involve extension personnel, as appropriate, in meetings and activities of the merged AU system.	Continue to involve extension personnel in AU meetings and activities.
Technology Package Development	-	Meet with AU research groups as they plan on-farm work.	Form working group(s) to initiate joint planning for specific crop or livestock. Multidiscipline groups to include Extension and merged AU personnel.	Begin to assess available technology by crop/livestock. Consider input, credit and farmer-related constraints.

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Outreach Personnel Selection and Posting	-	Begin to identify campus and off-campus faculty to take on interim liaison assignments until permanent outreach personnel are designated.	Continue to identify liaison interim outreach personnel.	Continue to identify interim liaison outreach personnel.
Outreach Personnel Training	-	Develop degree training for Phase I Outreach personnel. Develop non-degree training schedule for Phase I Outreach personnel.	Help candidates prepare for Fall, 1986 degree admissions.	Continue preparation.
Mass Media Outreach	-	See Continuing Education Center above.	See Continuing Education Center above.	See Continuing Education Center above.
Recommend Commodities to Support Outreach	Submit request for audio-visual equipment for initial outreach activities.	Monitor program.	Monitor program.	Assess audio-visual equipment received and additional needs. Devise loan system for equipment.
Specify Construction Requirements	-	-	-	Form task group to begin detailed planning for Outreach needs.
Outreach Program Planning	Overall familiarization visit of all academic units on campus and all research stations to lay groundwork for more detailed study of the situation.	Carry out detailed survey of current outreach activities of all research stations to identify needs. Prepare, in collaboration with short-term TA, for Fall, 1986, study to determine needs of current technology development/transfer in NWFP (INTERPAKS Case Study).	Write report of Survey results with accompanying recommendations.	Gather situational information to prepare INTERPAKS team for Fall, 1986, study.

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Outreach Evaluation	Overall familiarization visits on campus and all research stations to lay groundwork for study to gather benchmark data on status of Outreach	Carry out study to document status of Outreach activities within the research system to serve as base line data for future evaluation purposes. Prepare quarterly report of progress during previous quarter.	Prepare report based on benchmark study. Prepare quarterly report of progress during previous quarter.	Prepare quarterly report on progress during previous quarter.

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<u>RESEARCH</u>				
Establish Research Directorate	Identify leaders in the on-campus and off-campus research groups.	Develop a job description for the Director of Research.	Begin national recruitment for the Director of Research or appoint an interim Director of Research.	Select Director of Research.
Transfer the Provincial Crops and Animal Research Program to Agricultural University	Complete legislative matters relating to the transfer of the provincial crops and animal research program to Agricultural University.	Prepare the working paper for the administrative integration of on-campus/off-campus crops/animal efforts into a single research unit.	Review the working paper detailing administrative integration of on-campus/off-campus agricultural research in appropriate committees.	Implement the comprehensive plan for on-campus/off-campus research administration and records including a two dimensional system of research administration.
Combine On-Campus and Off-Campus Research into a Mission and Project Oriented Program	Review research priorities as discussed and recorded in 1984-85.	Devise a system to establish priorities and to assign human, physical, and economic resources to specific projects. Devise the record system needed to measure research progress and inform others of on-going research.	Review procedures for establishing research priorities and for research project administration in appropriate committees.	Implement procedures for establishing research priorities and research projects.
Establish An In-Service Evaluation and Training Program		Plan workshops and seminars on research quality and research administration.	Initiate workshops and seminar series on research quality and research administration.	Continue workshops and seminar series on research quality and research administration.
Select Research Personnel and Participants for Degree and Non-Degree Training	Begin program, with other Team members, to identify research personnel for degree and non-degree training.	Select research personnel for degree and non-degree training on basis of performance, TOEFL, GRE.	Continue to screen research personnel for training. Begin sending individuals for training.	Continue screening research personnel for training. Select candidates for Fall, 1986, admittance.
Assist in Developing and Implementing a System for Evaluating Research Performance	Discuss research performance in orientation presentation to on-campus and off-campus Agricultural University groups.	Prepare an annual faculty achievement form (with teaching and outreach).	Review faculty achievement form in appropriate Agricultural University faculty committees.	Implement annual faculty achievement procedures for 1986-87 year.

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Participate in the On-Going Monitoring and Evaluation of Contractor's Work Plan	Participate in the writing of the TIPAN Team first-year work plan.	Evaluate progress to date. Adjust projected work plan if necessary. Compare progress with contractor's master plan.	Evaluate progress to date. Adjust projected work plan if necessary. Compare progress with contractor's master plan.	Participate in the writing of the TIPAN second-year work plan.
Make Recommendations on Selection of Research Equipment and Supplies	Complete discussions with on-campus academic units relating to research equipment and supply needs. Also, teaching and outreach.	Refine on-campus equipment lists, establish priorities for purchase between and within departments. Discuss off-campus equipment needs. Establish lists of needs by location.	Begin the bid and ordering process for on-campus equipment and supplies. Refine the off-campus equipment and supplies lists, and establish priorities for purchases and sources of funds.	Continue with orders for on-campus equipment and supplies. If funds are available, begin placing orders for off-campus equipment and supplies.
Provide Information to the Architecture and Engineering Contractor on Research Program Requirements	-	Form working groups with appropriate faculty group for each facility (with teaching and outreach).	Work with architecture and engineering contractor.	Complete planning for each laboratory.
Provide Guidance to and Work Closely with the Specialist in Research Station Management	Specialist in research and station management arrives at Agricultural University.	Do detailed inventory of off-campus facilities, equipment, personnel, buildings, plots, soil types, etc.	Devise the administrative organizational plan for multisite plot and animal experiments and for multiple discipline research efforts.	Implement the multiple site research management plan.
Assist the Research Director in Developing National and International Contacts and Working Relationships	Meet leaders in Agricultural University research system. Make contact with Pakil, an Agricultural Research Council (PARC) and National Agricultural Research Center (NARC)	Make contact with national working groups for maize, wheat, and sugar cane. Make contact with CIMMYT and other international research organizations.	Appoint Director of Research or Acting Director of Research. Develop formal research project relationships with NARC and International Agricultural Research Centers. Look for outside funding for research.	Develop plan for long-range funding of research.

<u>LEARNING RESOURCES CENTER</u>				
Library	Finish construction to provide more space. Order new copier for faculty and student use. Catalog newly acquired journals and reference books.	Meet with library committee to plan for staffing and implementation of the new cataloging system.	Request short-term technical assistance to help set up new cataloging system.	Continue to meet with library committee and monitor progress.
Computer Center	Finish remodeling for temporary computer lab.	Plan start up of computer lab.	Install computers in lab and have one or more persons receive short-term training in computer usage and maintenance.	Begin use of computer laboratory.
<u>ADVANCED DEGREE TRAINING</u>				
On-Campus Personnel	38 total trainees 36 persons identified for training 16 in U. S. for degree training 0 completed degree training to date 8 pending admission	Continue to monitor the on-campus degree training program closely.	Continue to monitor the on-campus degree training program closely.	38 total trainees 36 identified for training 24 in U. S. for training 0 completed degree training 12 pending admission
Off-Campus Personnel	102 total trainees 53 total trainees - Phase I 12 persons identified for training 0 in U. S. for degree training 0 completed degree training to date 3 pending admission 38 yet to be identified - Phase I	Continue to monitor the off-campus degree training program closely.	Continue to monitor the off-campus degree training closely.	102 total trainees 53 total trainees - Phase I 45 identified for training 3 in U. S. for training 0 completed degree training 20 pending admission 5 yet to be identified - Phase I

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	July - September 1985	October - December 1985	January - March 1986	April - June 1986
<u>NON-DEGREE TRAINING</u>				
On-Campus	11 returned from non-degree training.	Continue to monitor the on-campus non-degree program closely.	Continue to monitor the on-campus non-degree program closely.	16 returned from non-degree training.
Off-Campus	2 returned from non-degree training.	Continue to monitor the off-campus non-degree program closely.	Continue to monitor the off-campus non-degree program closely.	12 returned from non-degree training.
<u>TECHNICAL ASSISTANCE</u>				
Short-Term Phase I	88 total technical assistance positions. 140-person months (Phase I). 4 persons identified to provide technical assistance. 0 completed technical assistance visits to date. 1 pending visit	Continue to monitor the technical assistance needs of Agricultural University and the program.	Continue to monitor the technical assistance needs of Agricultural University and the program.	88 total positions (Phase I) 16 persons identified to provide technical assistance. 10 completed technical assistance visits to date. 6 pending visits.
<u>STUDENT ENROLLMENT</u>				
Undergraduate	660 undergraduates enrolled	Monitor Fall, 1986, enrollment.	Monitor Fall, 1986, enrollment.	710 estimated Fall, 1986, enrollment.
Graduate	240 graduates enrolled	Monitor Fall, 1986, enrollment.	Monitor Fall, 1986, enrollment.	260 estimated Fall, 1986, enrollment.

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