



**Report of the
Accreditation Inspection Committee
(AIC)**

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Section I

Introduction

Formation of AIC

A two members Committee comprising of Prof. Dr. Nowshad Khan, Convener and Prof Dr. Shafiullah Khan, Member was constituted by National Agricultural Education Accreditation Council Islamabad (NAEAC). The Committee visited Khyber Pakhtunkhwa Agricultural University Peshawar on 1st and 2nd December 2011 ,in order to carryout accreditation of B.Sc. (Hons), M.Sc. (Hons) and Ph.D in Agricultural Extension , Education and Communication degree Programs. Before visiting the university campus committee reviewed the self-assessment report prepared by department of Agriculture Extension, Education and Communication in the light of evaluation manual of (NAEAC) . The accreditation process was carried out by the committee as per TORs in a peaceful environment.

TOR OF AIC

To validate the self-assessment report (SAR) of the degree programs (BSc and M.Sc(Hons) prepared by the department /discipline.

To carry out external evaluation of the degree programs in a transparent, neutral, holistic and participatory manner for accreditation and rating of degree programs based on seven evaluation criteria given in the Evaluation Manual.

To submit synthesized and concise analytical report(not more than 7-8 pages) consisting of self-explanatory SWOT analysis and explicit actionable recommendations based on the interaction with the chairman , faculty members , student and support staff and alumni as well as detail visit of physical infrastructure facilities and other teaching learning resources available for degree programs.

To submit clear, specific and justified degree program actionable accreditation and rating recommendation to the Chairman NAEAC.

History and background of department and degree programs offered, enrollment pattern

As Khyber Pakhtunkhwa is economically backward area and due to mountainous nature and natural factors agriculture growth remain slow and sluggish. To fill this gap agriculture education started in Islamia College (now Islamia University). Later on Department of Agriculture Economics, Extension Education and Rural Sociology was established in 1965. Moreover, due to increasing enrollment of the students in the field of agricultural extension a separate department was created in 1990 with the aims and objectives to prepare qualified graduates who could work

and assist the practical problems of the farming community. The Department is also taking steps for improving the quality of degree program and progressing leaps and bounds.

Program Offered

B.Sc(Hons) Agricultural Extension Education and Communication

M.Sc(Hons) Agricultural Extension Education and Communication

Ph.D. Agricultural Extension Education and Communication.

E. Enrolment Procedure

B.Sc (Hons)

Admission to B.Sc (Hons) in AEE is granted on merit. Students securing GPA higher than 3.0 are eligible to apply. The admission is ensured on equal opportunity to all citizen, having transparent unbiased laid out procedure with merit as the sole criteria with no gender discrimination

M.Sc (Hons)

Candidates seeking admission in M.Sc (Hons) shall meet the following criteria Have passed the B.Sc (Hons) with GPA of 2.5 and above Must have 16 years of education, or 4 years education after intermediate shall have qualified GRE/equivalent test

Section II

Criterion wise analysis of each of the seven criteria.

1. Strength and Quality of the Faculty

The total teaching faculty in the department is Eleven , faculty is well qualified and highly experienced comprising of 03 professors, 03 Associate Professors, 2 Assistant Professors 01 Lecturer and 02 visiting faculty as against the required six teachers per department. As per HEC criteria number of students is more than required number as provided by HEC 1:1:2:2

There are seven PhDs and one Post Doc in faculty as against the require strength of five PhDs. It is also worth mentioning that three teachers are foreign PhDs and one Teacher obtained Post Doc from abroad

2. Curriculum Design and Development

The courses offered at BSc (Hons) . MSc (Hons) and Ph.D. have been designed and approved by National Curriculum Revision Committee of Higher Education Commission Islamabad , the courses are in line with the international standard.

The total credit hours for B.Sc. (Hons.), M.Sc. (Hons) and Ph.D programs are 135, 48 and 33 respectively which meet the requirements of HEC. General courses of 70 credit hours are offered during first four semesters. The curriculum satisfies the major requirements for the program as specified by HEC.

Curriculum is current and market based.

Curriculum is on need based.

Curriculum is as per stake holders feedback.

Curriculum is revised.

3. Infrastructure and Learning Resources

The Khyber Pakhtunkhwa Agricultural University Peshawar is spread over an area of 397 acres. Academic building of the department of agricultural extension education and communication cover an area of 4740 square ft.

Department of Agricultural Extension, education and communication is also one of the constituent parts of the university under one roof and can avail all the common facilities. However, there is a need of separate female common room and toilets.

4. Students Support and Progression

The following scholarships and facilities are available for the students in the university: USAID funded merit and need based scholarship, Syeda Mubarak Begum Scholarship, Punjab Educational Endowment Fund, Fauji Foundation scholarship, MORA scholarship, Bait-ul-Mall Scholarship, Fauji Fertilizers Company (FFC) Scholarship, Tanzeem Lisail-e-Wal Mahroom

Scholarship, Diya Pakistan Scholarship, Professional Education Foundation, Dr. Sadiq Foundation, Students Welfare Endowment Fund, 75% off – top of enrolled UG students, 50% off – Top 8% of enrolled UG students, 25% off – Top 5% of enrolled UG students, students loan and internship. For this purpose a separate Director of Financial Assistance and Development is established. The students avail library facilities in main library which is fully provided with recent and required books. Moreover, more relevant books are purchased on the recommendation of chairman by the consultation of all departmental faculty every year. As regards to sports activities there is a full fledge Directorate of Sports, where necessary equipments for all sorts of sports are provided under the supervision of Director Sport and his staff. Additionally there are 3 main grounds for playing hockey, cricket and football. However, for basketball, volleyball and table tennis separate places are available. As regards counseling in the department, students are assigned to every teacher to provide them counseling on academic, social and financial matters. For guidance students are given choice to solicit guidance from teacher of their own choice in their research and academic matters. As indicated regarding transport, there is a full fledge transport section dully managed by Transport Officer and his staff. Two types of vehicles are available 1) 15 busses in general pool for catering the services of students and staff. Moreover, these buses are increased with increasing No. of students and staff (need basis). Further more, there are 2 coasters for transporting students during working hours for tours, practical and occasionally provided for pick and drop facilities.

Besides these, every department has provided with separate suitable vehicle administered by the concerned Chairman and Dean of the faculty. Study tours are planned and scheduled every year to very important places across the country under the supervision of 2 faculty members. As we did last year in Islamabad where HEC officially was kind enough to arrange lunch. The students are provided first aid on the campus where 2 qualified Doctors (1 male and 1 female) and dispensers are available for 1st aid. Moreover, famous Khyber teaching hospital is adjacent to university campus and in serious cases students are taken immediately through university ambulance.

University has got full-fledged medical center for students and faculty that provides health facilities timely .Police is there to safe guard the students in the campus. Sufficient hostels and accommodation facilities are available for the university students in general; the hostel for girls is under construction.

The present facility of hostel for male and female though exist. However, due to large number of students this facility need to be taken care of to cater the present demand and future requirement.

5. Research and Consultancy Activities by the Faculty.

The research topics and Synopsis are approved by the board of studies of the department. The student carries out research under the guidance of Supervisor and co-supervisors. For internship program the students are attached with field staff of Agriculture Extension Department, TV Station, and Radio Station and with different Fertilizers, pesticides companies and other relevant organizations to partially apply the knowledge acquired during their course of studies, under field condition.

The advisory services to other departments/organization is extended and dissemination of use of the research results produced at the department level and the university level are transferred through the outreach and mass communication wing of Agricultural Extension Education and communication Department and properly coordinated. Last year funded projects, completed, underway and new summary attached as (Annexure – I).

6. Governance and Leadership

All the faculties are working systematically with a clear distribution and well spelled out duties and responsibilities under the leadership of Dean and Chairman of the departments.

7. Recent Innovations and best practices adapted by the Faculty

The Department of Agricultural Extension, Education and Communication has initiated the following innovations and best practices recently.

a) Audio Video Recording Studio

This is unique facility available with the department, which needs to be updated through arranging new equipment.

b) Frequency modulation (FM) Broadcasting Station (Farm broadcast)

In this connection a separate loop facility has been allocated by PIMERA, While the license is under process. Soon after obtaining the license the department would be able to start installing equipments and start the broadcast.

c) Best Agriculture Practices/ Farmer Field School

The departmental linkages and interaction particularly Famers Field School (FFS) approach are recent interaction by the teaching department. Farm services centers are places where awareness is created regarding the diffusion and adoption of new agricultural technology among the farming community which is the call of the time.

The Farmer Field School (FFS) is a group-based learning process. During the FFS, farmers carried out [experiential learning](#) activities that helped them understand the [ecology](#) of their crops in the fields.

The Provincial Department of Agricultural Extension and Agricultural Extension Education and Communication have established FFS where farmers get training about crop management just from sowing to harvesting, the farmers after getting training they impart knowledge to fellow farmers.

d) Farm Services Centers

Agriculture Extension Department has established Model Farm Services Centers and Farm Services Centers throughout province; the centers are being managed by President Farm Services Center through management committee.

e) Participatory Technological Development Approach

A better understanding of factors influencing the development of optimal technologies can facilitate wider participation and co-operation between farmers, extensionists and scientists, to optimize extension technologies for widespread uptake and diffusion to enhance rural livelihoods

Section III SWOT Analysis

As regard SWOT, the strong points have got more weight and were found to be more effective in comparison to the weak points of the faculty.

Strength and Quality of the Faculty

The total teaching faculty in the department is Eleven, faculty is well qualified and highly experienced comprising of 03 professors, 03 Associate Professors, 2 Assistant Professors 01 Lecturer and 02 visiting faculty as against the required six teachers per department. The faculty members are as per recommended composition of HEC (see record).

Two teachers are visiting faculty as per required standard of 20% of the total teaching staff recommended by HEC.

There are seven PhDs and one Post Doc in faculty as against the required strength of five PhDs. It is also worth mentioning that three teachers are foreign PhDs and one Teacher obtained Post Doc from abroad.

The faculty is 3:3:2:3 as against the required standard of 1:1:2:2.

The present teacher student ratio is 1:10 as against 1:20 as the required ratio which is more than enough in present scenario.

The teacher load (credit hours) per week is in conformity to the standard fixed by Higher Education Commission as 8:8:12.

Recent Innovations and best practices adapted by the Faculty

Audio Video Recording Studio

Frequency modulation (FM) Broadcasting Station (Farm broadcast)

Best Agriculture Practices/ Farmer Field School.

Farm Services Centers

Participatory Technological Development Approach

Weakness of Faculty

Lack Modern equipments of mass media especially mixing, dubbing and editing equipment and recording both for audio and video. As this studio was established during the TIPAN Project 20 years back and almost all equipment have been depreciated and thus need to arrange modern technology in this regard.

No common room for female students

Female student's toilet facilities are minimum

Classrooms without proper heating or air conditioning facility.

Opportunities

Student learn through internship and thesis research components of the programs. Visits and study tours to different agricultural stations, Non-Government Organizations, ongoing projects, TV station, FM radios , News Paper offices, Seminars, workshops, conferences , Agriculture Magazines Offices and other relevant organization as part of practical in curriculum.

Multimedia and audio-visual aids are effectively being used by the faculty members in the class rooms. The equipment is not permanently installed in the class rooms, However it is made available on demand.

Threats

The threat faced by the department is dropout of the students before the admission due to GAT test. These test needs to be redesigned and Major portion of the question paper may be allotted to the subject oriented professional questions for M.Sc(Hons) level also where GAT general Test is invoke instead.

Section IV Actionable recommendations

Most practical knowledge is required to be induced to the students through field days and modern technology and innovations.

Social work and Tutorial groups are to be introduced again in the university as it was a good practice in earlier days.

The students may be attached to the farm families in shape of groups during their summer vacations, to learn practically knowledge about agriculture.

Common room and toilet for girl students in department may be arranged to facilitate them effectively.

The equipments available in studio are old and obsolete and these equipment may be replaced by modern Audio Visual equipments. As it is the age of IT.

The finances to be provided and placed with the department for field days, tour and visit, conferences, and workshop.

The coordination with other agriculture universities in Pakistan is to be established, the link so developed would provide students with a better knowledge.

A post of PRO is to be created for the Department who would be responsible for all the field activities and run the activities of Audio Video in studio and coordinate with other concerned departments in best interest of university through different media coverage.

Final Recommendation

On the basis of the inspection/evaluation, the team recommends accreditation/rating of the degree programs of Department of Agri. Extension, KPK Agricultural University, Peshawar, Pakistan in the Middle band (70%) of “X” category of National Agriculture Education Accreditation Council/HEC.

Annexure – I

Statement showing the project details:

1. Project completed since last five years.
 - I An investigation into professional competencies of extension agents of Khyber Pakhtunkhwa under Khyber Pakhtunkhwa AUP-HEC for 200,000/- year 2008-09. Quantification of economic gain from chickpea crop sown under irrigated fields in southern and its implication for agricultural extension under Pak. Science Foundation for Rs. 840000\ - Year 2009-2011.
 - II Need assessment of small farmers in Kohat and Karak district completed 2009. AUP/HEC.
2. Project Underway.
 - I Food security and nutritional status situation of farm families in Khyber Pakhtunkhwa.
3. New Projects.
 - I An investigation into effectiveness of the concept of farmers field schools (FFS) in Agricultural Development in District Malakand, Swat and Charsadda. (SSO 18) under agricultural linkages program of Pakistan Agricultural Research Council Islamabad for Rs. 1.76 million. Year 2012.