



AIC Report

Prof. Dr. Farman Ullah

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**Department of Entomology
Bacha Khan University, Charsadda**

Bacha Khan University, Charsadda
Standards and Criteria for Agriculture Degree Program Evaluation
B.Sc (Hons) 2014-15

Sr. No.	Criteria	Points Assigned	Points Awarded
Major Criteria			
1	Strength and Quality of Faculty	250	130
2	Curriculum Design and Development	150	115
3	Infrastructure and Learning Resources	200	100
4	Students Support and progression	100	60
Sub - Total (a)		700	405
Minor Criteria			
5	Research and Consultancy Activities	150	98
6	Governance and Leadership	100	65
7	Recent Innovations and Best practices	50	20
Sub - Total (b)		300	183
Grand Total (a+b)		1000	588

Name and Designation

Signature of Program Evaluator

Executive Summary

The Bacha Khan University, Charsadda was visited on November 27, 2014. Currently few specializations are offered including Entomology Department. Though the number of enrolled students is about 1,500 there are few students at the Entomology Department. Specialization is offered in 5th semester. Sufficient faculty is not available. There is only one professor who is working is a Dean and not available for teaching and Research. There is one Assistant Professor with maximum teaching load. The remaining three are fresh graduate and working on contract basis as a Lecturer having no teaching experiences as they are recruited a couple of month back.

There is no faculty development program in place. Lecture rooms and laboratory space is grossly inadequate to launch the discipline of Entomology as major. Teachers and students are satisfied with working environment and academic program and extra-curricular activities. Students are highly motivated but are no research facilities and specified field trips for the students.

There is a central Library, which is small in size and deficient in sources. The number of books is meager in general and relevant books are missing. The Library is not adequate to fulfill the need of the students. Both text and reference books are not available. There are few book in the library related to the Entomology discipline. There is no departmental library and personal collection of books of the faculty is not up to the mark.

The University web site is there but still under construction and do not provides the needed information. The internet facility is available for on campus students. The Computer facility is not adequate for students as well as for the faculty members.

There is no Agriculture farm. The only space available for research is small plots on campus. There is a needs for a proper farm where students can conduct their research. Once farm is available then the necessary equipment will be needed. Limited Transport facilities are available for students while for the faculty such facility is greatly lacking.

Since the University is new, it is very hard to follow the evaluation criteria. A lot of needed information is missing at this stage. Furthermore the report prepared and submitted to the council is in a poor shape and do not fulfill the basic requirement. It seems that the Department Entomology as well as the Bacha Khan University is not prepared for the task at the moment.

It is recommended that at present the accreditation may be declined and the administration of Bacha Khan University should be advised to fulfill the criteria and let the committee visit when all the actions recommended are undertaken and they are ready for such task.

Introduction.

Bacha Khan University, Charsadda was established on July 03, 2012 with the mission to advance knowledge and learning through quality research and education for the whole nation. “The message of peace and universal brotherhood as practiced and preached by Abdul Ghaffar Khan (Bacha Khan) will be the motto of the University to steer the organization in the years ahead which would induct Pakistan into the comity of respectable nations of the world. Prof. Dr. Fazal-ur-Rahim Marwat was appointed as the first Vice Chancellor of the University”.

The University consists of 25 acres. Another 97 acres of land has been purchased near Charsadda Motorway Interchange. The Academic Departments at Bacha Khan University, Currently more than 1500 students are enrolled in BS, Masters and MS/MPhil degree programs. There are two boys and one girls' hostel and a Central Library.

Mission, vision and objectives of the Bacha Khan University as well as for the Degree Program in Entomology are not provided in the report. The same is missing in their website. The only statement regarding the mission, vision and objectives is “with the mission to advance knowledge and learning through quality research and education for the whole nation. The message of peace and universal brotherhood as practiced and preached by Abdul Ghaffar Khan (Bacha Khan) will be the motto of the University to steer the organization in the years ahead which would induct Pakistan into the comity of respectable nations of the world”. The rest of the information is missing. There is a need for solid mission & vision statement for the University as well as for the Entomology degree program. Also program goals and objectives has to be clearly defined.

Annual intake is good enough and passing percentage is satisfactory. However this information is missing in the Report prepared and submitted to the AIC for accreditation. Curricula summary is not provided. Curriculum revision is not possible as the program is too young (just two years).

Criteria wise Analysis:

Strength and Quality of Faculty

Existing faculty at the Department of Entomology is limited and not resourceful. There is one Professor, serving as a Dean and engaged in many Administrative tasks. As per the submitted Report, the Professor is not involved in any Teaching assignment. The remaining Faculty is comprised of one Assistant Professor with much teaching load and three young freshly graduated contract base lecturers with no teaching experience.

In service Training for faculty and faculty development program is not in place at the moment.

Infrastructure and learning resources

There are few class rooms which are shared with other disciplines. The facilities may be enough for the current enrolled students but needs expansion for the coming batches of students.

The laboratory facilities are badly lacking. There is neither demonstration laboratory nor any research lab. There is no insect museum and there is no provision of any such facility in the pipeline.

Although it is reported that there are about 56 books related to various disciplines of agriculture only 5 books are reported to be related to Entomology. Most of these books are not even text books as per planned program of Entomology and their number is miserably low. Furthermore there is no departmental library. Personal Books collection of the faculty is meager as there is no sufficient faculty either.

Though it is claimed that online access is available to digital library but as per the students response, this side is as weak as other sections. No regular journal, in the form of hard copy, is subscribed. Thus, the library facilities are inadequate to launch major program in Entomology.

The Concept and philosophy of maintaining the Course files and practical note book is poorly understood. However students were satisfied with the level of teaching and course completion in time.

Due to shortage of space at the current Campus at the Bacha Khan University, most faculties do not have proper office places and set in the Labs. However, at the Entomology department, enough office space was available for the current strength of the faculty members.

Most faculty members were having personal laptops. Not much Computer facilities were available to the young faculty members. Limited computer facilities were available for the Students.

Most students were local and they were using the Bus shuttle facilities provided by the University. Limited hostel accommodation was available for male and female students. Sport facilities are not provided for the students and there is no provision for any sport facilities at the current building. There is a great need for playgrounds. Play grounds are

Agriculture farm is not available and most of the search is conducted at Agriculture research station of the Provincial Agriculture research System.

Presently specialization in Entomology is at B.Sc (Hons.) is being offered at the Bacha Khan University. With the exceptions of adopted of Syllabus as per HEC requirement not much attention is paid to fulfill other criteria for the award of Degree program.

Despite the countless constrains and difficulties, the Faculty at the Bacha Khan University, was really satisfied with the working conditions and I am impressed with zeal and their great sprite for working to make a difference in such a difficult time and situation.

Participatory SWOT Analysis;

Strength

Based on the information collected from discussion and feedback from students and Report submitted to the to the Council, the following is reported about the SWOT Analysis: Both The students and faculty members are motivated and have a zeal to work and make the University stand on its feet.

Land is purchased and there is room for expansion. Funds are available for constructions and projects are underway for providing facilities.

Agriculture is the predominant business in the surrounding and it will be a great help to make some good production and protection models for the growers.

The name of “Bacha khan” could be of great help for the administration to cash it as the Great Bacha Khan is highly regarded in the Charsadda and surroundings.

Weakness

Currently there is not enough Classrooms, labs facilities, Equipments, Chemicals. The need for Research Station, Research Field and Research facilities is badly felt.

There are not enough Books in the central library. The concept of Departmental library is not there and the Personal book collection of the faculty members is weak.

The number of qualified faculty members is not enough to run the Degree program in Entomology successfully. There is no program in place for faculty development at the moment.

Opportunity

The Current building could be utilized judiciously to fulfill the need of the faculty and students.

Land is available for construction of new blocks, Hostels, Labs. And other facilities needed to run the University on solid grounds

The Khans, Land-lords, Political leadership and provincial bureaucracy of the area could be of great help for project hunting and fund raising.

Threats

The Bacha Khan University is in infancy and do so the Department of Entomology. Both the University and the Department of Entomology are facing serious challenges.

There are some problems regarding management. Lack of strong coordinated working team and lack of experienced personal at the management level are also among threats.

The Department may not be effective if the much needed facilities were not provided.

Actionable recommendations;

- Required number of faculty may be appointed immediately on permanent basis or on TTS. As a quick fix, visiting professor may be hired to fill the gap.
- Recommended text books shall be provided at the library on emergency basis.
- Research and reference material and journals etc may be arranged in the departmental library.
- Infrastructure including labs and lab. Equipment may be provided on priority basis.
- Access to computer, digital library for faculty and students should be ensured.
- In-service training in Teaching and research for the young faculty shall be arranged. Faculty development program should be initiated for faculty members.
- Adequate and well equipped faculty offices, class rooms and seminar rooms are urgently required.
- Transport facility should be improved for visits of faculty and students for study tours and trips.

Accreditation to the agriculture degree program may be differed at the moment. Administration should be advised to meet criteria of the faculty strength and quality and infrastructure and learning resources. The AIC of NAEAC may plan a second visit when the University is ready for the task. And

Final Recommendation

The AIC on entomology recommended the evaluation rating of the degree program in 'Y2' category acquiring 59 % score. Accreditation of BSc (Hons) Agri. Entomology degree program at the Bacha Khan University, Charsadda, Khyber Pakhtunkhwa may be deferred till March, 2016 and Dean of the faculty may be asked to fulfill all the criteria and resubmit a comprehensive report for revisit of AIC of HEC.