



## AIC Report

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**Department of Entomology**

**Lasbella University of Agriculture, Water and Marine Sciences, Uthal**

## Criteria for Agriculture Degree Program Evaluation

### Entomology B.Sc. (Hons) 2014-15

Lasbella University of Agriculture, Water and Marine Science, Uthal

Sr. No.	Criteria	Points Assigned	Points Awarded
<b>A. Major Criteria</b>			
1	Strength and Quality of Faculty	250	120
2	Curriculum Design and Development	150	130
3	Infrastructure and Learning Resources	200	120
4	Students Support and progression	100	50
<b>Sub - Total (A)</b>		<b>700</b>	<b>420</b>
<b>B. Minor Criteria</b>			
5	Research and Consultancy Activities	150	70
6	Governance and Leadership	100	60
7	Recent Innovations and Best practices	50	20
<b>Sub - Total (B)</b>		<b>300</b>	<b>150</b>
<b>Grand Total (A+B)</b>		<b>1000</b>	<b>570</b>

(Five hundred and seventy only)

**57%**

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Name and Designation

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Signature of Program Evaluator

## **EXECUTIVE SUMMARY**

Lasbella University of Agriculture, Water and Marine Sciences was visited on May 20, 2015. Department of Entomology was initiated in the year 2006 and it offers B.Sc. (Hons) Entomology. There is only one class with a capacity to accommodate 20 students. One Undergraduate laboratory equipped with glassware, equipment and chemicals is available for practical classes. Currently the Department has one Professor and three Lecturers. Out of these, one lecture proceeded to Malaysia in February 2013 for higher studies. Sufficient faculty is available for the present need of the department. Faculty has no proper offices. Library is not fully equipped to meet the standard of specialized program in entomology. Computer facility is inadequate for students and faculty members. No access is available to HEC digital library. Agriculture farm needs to be developed. Transport facility for commuting is available for students and teachers.

The University authorities need to take necessary steps on priority basis to meet the major evaluation criteria such as strengthening and quality of faculty, infrastructure and learning resources, as well as text books and reference material.

The external evaluation assessment of the degree program on Entomology suggest evaluation rating of this program in category Y2 with 57 percent score. The program is liable to be revisited for accreditation next year subject to the fulfillment of minimum requirements for accreditation.

## **INTRODUCTION**

Agricultural potential and specific ecological conditions of the Lasbella led to the establishment of University of Agriculture, Water and Marine Sciences at Uthal to cater to the educational needs of people of this area of Balochistan Province, Pakistan. The University was established to the present building in 2006? The new faculty and department buildings are under construction and will be handed over to university authorities as soon as these are ready. The University started Agricultural Entomology department in 2006.

## **CRITERION WISE ANALYSIS**

### **Strength and Quality of Faculty**

Faculty consists of one Professor and three lecturers. There is only one Ph. D. faculty member. One of the lecturers has gone to Malaysia for doing PhD degree. Number of faculty members is sufficient for the course work of the current semester students of Entomology. Teacher student ratio is good. All the faculty members are engaged in teaching and no research is being carried out. No faculty development program is in place. There is some faculty participation in seminars and conferences. Course files are maintained.

### **Curriculum Design and Development**

Curriculum objectives are clearly defined and are relevant to the degree program. Very little use of information technology is integrated in the curriculum.. HEC curriculum is being followed. However, the students indicated that they were satisfied with the quality of instructions.

### **Infrastructure and Learning Resources**

There are one class room and one laboratory, with the capacity of 20 students, which are sufficient for the current need of the program. Laboratory equipment are not enough for the specialization classes. Safety measures and equipment are non-existent. So, the laboratory does not meet the standard for the degree program.

Library is seriously deficient in resources. Only 17 books related to Entomology are available in the Departmental library. Text books requirement as per planned program of Entomology is not

fully met. No regular journal, in the form of hard copy, is subscribed and neither is any access to digital library. Thus, the library facilities are inadequate to meet the requirement of the full program of Entomology.

There is no experimental farm. However, practical are arranged on some Govt. research farms.

### **Students Support and Progression**

There are hostels for the students and sport facilities are very limited. Transport is available to the students and the faculty. First Aid kit is available in the University for emergency. Students can interact with teachers freely.

### **Research and Consultancy Activities**

No research funds are received from HEC. No research project is in hand. However, the faculty has a number of publications to their credit from previous positions. Thus, the research productivity of the faculty is nil at present.

### **Governance and Leadership of Institution**

Administrative authority and organizational set up is clearly defined. Budget is very limited for efficient operational activity. It is also centralized and no departmental budget is available. However, needs of the Department are met to some extent.

## **SWOT ANALYSIS**

### **Major Strength**

- The students seem satisfied with the faculty, course coverage, and transport facility.

### **Major Weaknesses**

- Inadequate Lab. and controlled condition facilities.
- Experimental farm is not developed and no farm machinery is available.
- Number of books and latest editions of text books are insufficient.
- Digital library facility is not available to meet the need of the students and the faculty.
- The faculty offices are not sufficient and not fully equipped.
- No research funds are available for the faculty.

## **Actionable Recommendations**

- Immediate induction of highly qualified, experienced faculty.
- Establishment of at least one (preferably two) functional Labs of Entomology.
- Provision of IT facilities, access to HEC digital library, textbooks and reference material for the Department.
- Availability of experimental research farm with farm machinery and implements.
- Provision of at least three class rooms, seminar room, committee/conference room.
- Infrastructure strengthening and up gradation like library, labs. Farm research area should be focused.
- Provision of scholarship facilities should be advertised at prominent places for information of students.
- Field visits should be made part of practical as university does not have proper research farm.
- Recreational as well as indoor/outdoor sports facilities for students.

## **Recommendation**

The University authorities need to take necessary measures on priority basis to meet the major evaluation criteria such as strength and quality of faculty, infrastructure and learning resources, as well as text books and reference material. The external evaluation assessment of the degree program on Entomology suggests evaluation rating of this program in category Y2 with 57 percent score. The program is liable to be revisited for accreditation next year subject to the fulfillment of minimum requirements for accreditation.

**Annexure-I**

**Name, Qualification and experience of faculty and support staff (Entomology Department)**

S.#	Name	Designation	Experience
1	Prof.Dr. Ghulam Jilani	Professor and Dean	More than 35 years Research and teaching.
2	Mr. Shafiq Ahmed	Lecturer	05 years. On study leave
3	Mr. A. Hafeez Mastoi	Lecturer	05 years
4	Mr. Aziz Ullah	Lecturer	06 Months
1	Mr. Hidayat ullah	Lab. Assistant	
2	Mr. Karim ullah	Lab. Assistant	
3	Mr. Munir	Lab. Assistant	

**Annexure-II**

**LIST OF EQUIPMENTS AVAILABLE IN THE LAB of ENTOMOLOGY**

S.No.	Name	Equipment Quantity
1.	Stereoscope	06 No.
2.	Electric Weighing Balance	1 No.
3.	Compound Microscope	1 No.
4.	Hot Plates with Magnetic stirrer	1 No.
5.	Hot Air Oven	10
6.	Binocular Microscope	1
7.	Honey Bee Extractor	1