



AIC Report

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**Department of Forestry & Wildlife Management
University of Haripur, Haripur**

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Criteria for Agriculture Degree Program Evaluation

Forestry & Wildlife Management B.S (Hons) 2014-15

University of Haripur

Sr. No.	Criteria	Points Assigned	Points Awarded
A. Major Criteria			
1	Strength and Quality of Faculty	250	152
2	Curriculum Design and Development	150	77
3	Infrastructure and Learning Resources	200	124
4	Students Support and progression	100	57
Sub - Total (A)		700	410
B. Minor Criteria			
5	Research and Consultancy Activities	150	120
6	Governance and Leadership	100	65
7	Recent Innovations and Best practices	50	35
Sub - Total (B)		300	220
Grand Total (A+B)		1000	630

(Six hundred and thirty only)

63%

Name and Designation

Signature of Program Evaluator

EXECUTIVE SUMMARY

The AIC on Forestry and Wildlife Management carried out one day visit to the Department of Forestry & Wildlife Management, University of Haripur (UoH) on March 13, 2015 to conduct external evaluation of the degree program of UoH. The Department has developed and adopted scheme of studies of B.S (Hons) in Forestry & Wildlife Management from HEC National Curriculum related to various degree programs of Forestry discipline. The B.S (Hons) degree in Forestry & Wildlife Management comprises 152 credit hours with four years duration supported by project report of 12 credit hours in 8th semester.

Teaching faculty consist of 8 qualified and modestly experienced faculty including one Ph.D. faculty and one Ph.D. consultant to guide newly initiated degree program. All the faculty members have been engaged on contract basis without any senior and highly experienced teacher. More than 100 students have been enrolled in the degree program during the last three years with an average intake of 35 students with students-teacher ratio of 12:1. No class rooms are specified for the discipline and are shared with other academic programs of the university. Similarly, very few faculty offices with inadequate facilities are available.

Presently, there is not even a single Lab. for the discipline which is dependent on the central Lab. facility that is very limited. equipment Latest editions of text books are needed no book on Wildlife Management is available. Program also lacks the facility of a well-developed and modern plant nursery for teaching and research purposes.

The specific recommendations for the improvement of degree program include: (a) hiring of well qualified having Ph.D. degree faculty especially at the level of professor and associate professor to initiate research activities and start master's degree program. (b) Revision and periodic monitoring of present curriculum. (c) Revision of some course contents by including latest issues and trends in the field of forestry and climate change. (d) More field visits for students for practical demonstration and training. (e) To improve the quality of education, faculty are to be given opportunities for short and long term training in developed countries. (f) Faculty may be encouraged to win competitive research grants in order to inculcate research culture.

In view of the above mentioned findings, AIC unanimously recommends that the degree program of B.S (Hons) Forestry & Wildlife Management, University of Haripur may be rated in 'Y1' category of NAEAC/HEC with 63 percent score. The program HoD and Dean may be urged to make efforts for the up gradation of facilities and resources as well as strengthening of the faculty on regular basis. As the program has been rated in category 'Y1' the revisit is due after a period of one year.

INTRODUCTION

University of Haripur has setup discipline of Forestry & Wildlife Management in the year 2012 in its newly established campus at Haripur which is under construction. AIC visited University of Haripur on March 13, 2015 and attended a presentation by HoD of Forestry & Wildlife Management discipline. Main focus of the discipline is to impart and promote education and research on the conservation and enhancement of Forest and Wildlife resources in the country in general and KPK in particular.

CRITERION WISE ANALYSIS

Curriculum Design and Development

The Department of Forestry & Wildlife Management has mainly adopted program and courses of B.S Forestry, Range & Wildlife Management from HEC National Curriculum approved for the degree program with some modifications according to its requirement. The B.S (Hons.) degree in Forestry & Wildlife comprises of 153 credit hours with four years duration after F.Sc. Pre-Engineering and Pre-Medical. The curriculum has been well blended by combining all essential basic and core courses from the fields of Forestry & Wildlife. This is the only program in Pakistan which offers balanced course load of Forestry and Wildlife Management to its graduates enabling them to join either of the two Departments of Forestry and Wildlife Management and NGOs in any Province of Pakistan.

Annual Student's Intake & Pass out in Last Three Years

Sr. No	Year	Students intake	Annual pass out
01	2012	20	--
02	2013	22	--
03	2014	54	--
		96	

Strength and Quality of Faculty

There are eight contractual faculty members including One Ph.D. Assistant Professor and seven Lecturers. In addition, there is one Ph.D. Consultant Professor who was hired to guide and establish the Department and one faculty member under Interim Placement funded Program (IPFP) of HEC. The evaluation committee met with each faculty of the Department to know about their qualification, professional background, research field, salaries,

allowances, teaching workload, research supervision, record of course, students attendance, examination result, papers setting, grading systems, opportunities for trainings, facilities available, facilities required, strengths & weakness, existing problems in the degree programs of the Department, etc.

Students Feedback

The AIC members also met with a group of students pursuing their degree in B.S (Hons) Forestry & Wildlife Management. The Students expressed satisfaction regarding various components of degree program including scheme of studies, course material, practical work, etc. The students especially mentioned the teaching methods including power point lecture presentations, case studies, etc. The students also seemed somewhat satisfied with field visits and practical but suggested more frequent touring to forest and wildlife protected areas for practical learning. Students showed their concern regarding lack of proper laboratory facilities and separate classrooms. However, they showed their satisfaction regarding well balanced curriculum & teaching standards, teachers' behavior, library books and computer facilities etc.

SWOT ANALYSIS

Major Strength

- Well-designed curriculum in line with HEC approved guidelines.

Major Weaknesses

- All the faculty of 8 members on contract basis and mostly of lecturer level.
- Non-availability of Labs. and equipment.
- Non-existence of well-developed and planed plant nursery.
- Lack of latest editions of text books. Few books of old editions and no books on wildlife management.
- Very few faculty offices with inappropriate facilities.
- Class rooms are shared with other academic programs.
- Non-availability of hostel and boarding facilities for students.
- Paucity of operational funds to meet day to day expenses.

Major Opportunities

- The degree program may benefit from the hub of natural pristine coniferous forest ecological zone.
- The climate of transitional zone between sub-tropical and temperate zones gives a wonderful opportunity to the faculty and students to conduct research.
- Potential for developing a strong forestry and wildlife research and extension program in collaboration with line departments and NGOs etc.

Major Challenges

- Concerted efforts are needed for securing funding for research projects for testing innovative forestry techniques.
- Outreach exposure to the students which can be carried out in close collaboration with local line department.

Actionable Recommendations

- Immediate induction of regular and senior faculty with few more Ph.Ds.
- Establishment and strengthening of Lab. system of Forestry & Wildlife Management.
- Priority may be assigned to the establishment a modern and scientific plant nursery.
- Purchase of latest editions of books, more books including books on wildlife management.
- Every faculty member may be ensured reasonable facility of faculty office.
- The degree program may be allocated independent and separate class rooms.
- Arrangement of well-planned study tours for exposure of students.
- Provision of hostel/accommodation facility for the out station students.
- Availability of opportunities for extracurricular activities for the students.
- Allocation of funds for ensuring participation of faculty in seminars and conferences etc.

Final Recommendation

In view of the above mentioned findings, AIC unanimously recommends that the degree program of B.S (Hons) Forestry & Wildlife Management, University of Haripur may be rated in 'Y1' category of NAEAC/HEC with 63 percent score. The program HoD and Dean may be urged to make efforts for the up gradation of facilities and resources as well as strengthening of the faculty on regular basis. As the program has been rated in category 'Y1' the revisit is due after a period of one year.

Terms of Reference of AIC

The team visited the Department of Forestry & Wildlife Management, University of Haripur, for external assessment and evaluation of B.S (Hons.) degree program in Forestry & Wildlife on March 13, 2105 with the following mission:

1. To validate the self-Assessment Report of B.S (Hons.) degree program prepared by the Department of Forestry & Wildlife Management.
2. To bring external evaluation of the academic program of the Department for rating and accreditation.
3. To prepare consolidated report about the degree program after meeting with Head of Department, faculty members, students and visit to classrooms, laboratories, research field and library, etc.
4. To submit recommendations about the degree program to NAEAC chairman.