



ANNUAL REPORT

2011-2012



**National Agriculture Education
Accreditation Council**

ACRONYMS

AIC	Accreditation Inspection Committee
BOF	Board of Faculty
BOS	Board of Studies
C&T	Curriculum and Training
DDG	Deputy Director General
E.D	Executive Director
GRE	Graduate Record Examination
HEC	Higher Education Commission
HEIs	Higher Education Institutions
HOD	Head of Department
IBGE	Institute of Biotechnology & Genetic Engineering
ICT	Information Communication Technology
IT	Information Technology
KPK-AUP	Khyber Pakhtunkhwa Agricultural University, Peshawar
M.D	Managing Director
NAEAC	National Agriculture Education Accreditation Council
P.Es	Program Evaluators
PMAS AAUR	Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi
QAA	Quality Assurance Agency
QEC	Quality Enhancement Cell
QPR	Quarterly Progress Report
R&D	Research and Development
SAR	Self Assessment Report
SAUT	Sindh Agriculture University, Tandojam
SWOT	Strengths, Weaknesses, Opportunities and Threats
TOR	Terms of Reference
UAF	University of Agriculture, Faisalabad

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CHAIRMAN'S MESSAGE

Modernization of agriculture production systems and supply chain into high value agricultural products is fundamental for accelerated agriculture growth, sustainable food security, and poverty reduction. The continuing need for improvements in the quality of higher education and learning innovations in agriculture is therefore of vital importance to produce graduates who are scientifically well equipped to promote knowledge-based agriculture economy and make agriculture sector more productive, profitable and competitive. This underpins the rationale for establishment of the National Agriculture Education Accreditation Council (NAEAC) by the Higher Education Commission (HEC), Government of Pakistan.



The NAEAC's mandate is to implement a comprehensive program of accreditation of agriculture education degree programs based on policies, procedures, and criteria setup by HEC for quality assurance and enhancement. The accreditation and rating of the degree programs based on external reviews is therefore the most important function of the NAEAC. The evaluation includes not only the faculty, curricula, and teaching/learning methods but also the infrastructure of the education institutions concerned. While quality assurance is the responsibility of the agriculture institutions concerned and they are required to monitor it on continuing basis through their Quality Enhancement Cells (QECs), the role of NAEAC is that of external auditor and facilitator to assist the institutions in their quality assurance and enhancement of degree programs through the accreditation process. It also helps promote quality enhancement through teaching/learning innovations based on international best practices with the objective to produce agriculture graduates with capability to provide strong leadership for development of science-based agriculture sector.

I am pleased to report that during 2011-12 NAEAC's achievements were excellent despite severe budget constraints. It accredited 46 agriculture degree programs at 8 education institutions as compared to 33 programs at 3 institutions during 2010-11. The accreditation reports of these programs were approved by the Council in its Meeting held on November 27, 2012 at HEC, Islamabad. As of 30 June 2012, the Council has accredited 105 degree programs. For 2012-13, it is planning to substantially complete the first round of accreditation cycle by June 2013.

With a view to enhance the quality and transparency of accreditation processes, the Council is actively seeking feedback from its stakeholders. I take this opportunity to acknowledge the guidance and support of the Council Members, HEC Management and Quality Assurance Division of HEC. As well, the excellent cooperation and support of the Vice Chancellors, Deans and the Heads of Departments of the agriculture education institutions concerned.

Last but not the least, I commend the dedication and commitment of NAEAC Secretariat staff, in particular the Secretary and Admin/Finance Officer in accomplishing the NAEAC work program despite serious financial constraints and extended delays in releases

A handwritten signature in black ink, appearing to be 'M. E. Tusneem', written in a cursive style.

Dr. M. E. Tusneem
Chairman-NAEAC

EXECUTIVE SUMMARY

External Evaluation and accreditation of the agricultural degree programs is the primary function of the National Agriculture Education Accreditation Council (NAEAC) of HEC. The overall objective is to improve the quality of higher education, enhance the capacity of agricultural education institutions and upgrade physical infrastructure to achieve and sustain academic excellence. All institutions in Pakistan which provide a recognized degree in agriculture disciplines are required to apply to the Council to have their degree programs accredited. The process of evaluation and accreditation adopted by NAEAC involves preparation of self-assessment report by the institutions concerned to provide basis for the external evaluation and accreditation of the evaluated program by NAEAC.

During 2011-12, NAEAC completed on-site visits/inspections and accreditation ratings of 46 degree programs at the various agricultural universities. These included 8 at KPK Agricultural University, Peshawar, 2 at University of Agriculture, Faisalabad, 8 at Sindh Agriculture University, Tandojam, 2 at UCA & Environmental Sciences, Islamia University, Bahawalpur, 10 at UCA, Bahauddin Zakriya University, Multan, 12 at UCA, University of Sargodha, Sargodha, 2 Faculty of Agriculture, Rawalakot and 2 at University of the Punjab, Lahore. The accreditation process followed the standards, evaluation criteria, and procedures approved by the HEC. In accordance with the NAEAC's accreditation framework, the AIC comprising three members including two external experts and Secretary NAEAC were constituted for accreditation.

The NAEAC organized the awareness seminar at University of Haripur in the first week of February, 2012. The participants of the seminar included faculty members and students. Dr. M. E. Tusneem, Chairman-NAEAC presented a brief overview of the objectivities and activities of the Council. He emphasized that accreditation of agriculture degree programs is intended to improve the quality of education and enhance the capacity of education institutions on a continuing basis.

The second awareness seminar was organized at KPK AUP, Amir Muhammad Khan (AMK) Campus, Mardan in April, 2012. Speaking on the occasion, the Secretary-NAEAC highlighted the mandate, role, functions and scope of NAEAC as well as the details of the accreditation process.

Maintenance of a roster of Program Evaluators /Experts is obligatory and a continuous activity of the Council. Unlike other Accreditation Councils (ACs) of HEC, the NAEAC has more than 15 disciplines of Agriculture necessitating the maintenance of large roster. As of July 2012, the panel of evaluators consist of 101 experts representing all major disciplines of agriculture. Likewise, the database of all the degree awarding agricultural programs in the country is also updated from time to time to monitor changes in the annual intake, total enrollment, faculty strength and academic/research infrastructure facilities. Statistical information of more than 150 degree programs was compiled and processed across the country from eighteen agriculture institutions of higher education during 2011-12.

I. INTRODUCTION

1. The National Agriculture Education Accreditation Council (NAEAC) was established in February 2006 by Higher Education Commission (HEC) to implement the accreditation of degree programs based on HEC approved standards, policies, procedures and criteria. The accreditation process includes: (i) self-assessment by the institution concerned (ii) external evaluation by a group of experts constituting the Accreditation Inspection Committee (AIC) and on-site visits (iii) evaluation report including summary of findings and recommendations of the AICs, and (iv) follow-up actions required.

2. Accreditation of degree programs being the most important activity of the Council is given highest priority and resources within the allocated budget. During 2011-12, its targets were enhanced to accomplish first round of accreditation process by June, 2013. To this end, NAEAC completed accreditation of 46 degree programs at three agricultural universities. These included 2 at the University of Agriculture, Faisalabad, 2 at University of the Punjab, Lahore, 8 at KPK Agricultural University, Peshawar, 2 Faculty of Agriculture, Rawalakot, 2 at UCA & Environmental Sciences at the Islamia University, Bahawalpur, 10 at UCA, BZU, Multan, 8 at Sindh Agriculture University, Tandojam and 12 at UCA, University of Sargodha. The accreditation process followed evaluation criteria and procedures set by the HEC. The AICs comprising three members including two external experts and the Secretary of NAEAC were constituted in all cases. The Council ensured that the program evaluation by the AICs followed the guidelines and criteria laid-down by HEC in a professionally and transparent manner.

II. ACCREDITATION ACTIVITIES:

A. University of Agriculture, Faisalabad

Degree Programs in Livestock Management ¹

3. Accreditation activities at the University of Agriculture, Faisalabad covered two Degree Programs of BSc (Hons) and MSc (Hons) in “Livestock Management”. Accreditation Inspection Committee (AIC) for these comprised two external experts selected from the roster of Program Evaluators (PEs) with the approval of Chairman-NAEAC. AIC on-site visit was carried-out on July 26-27, 2011.



AIC Visit to Department of Livestock Management, UAF

¹ The AIC on Livestock Management comprised of Prof. Dr. Abrar Hussain Gilani (Rtd) and Dr. Muhammad Abdullah University of Veterinary and Animal Sciences, Lahore and Secretary NAEAC.

4. The AIC recommended accreditation of the two degree programs of Livestock Management in the middle band of category “X” with 72% score based on the following strengths and weaknesses of the degree programs:

Strengths:

- i) All faculty members are highly qualified with majority holding PhD degree in their respective disciplines and considerable teaching experience.
- ii) Adequate laboratory facilities and field area is available for research purposes.

Weaknesses:

- i) Faculty of six teachers against the requirement of 10.
- ii) Lack of needed equipment and lab technician in some cases.
- iii) Lack of appropriate office space for some faculty members.

**B. University of the Punjab, Lahore
Institute of Agricultural Sciences²**

5. The AIC comprising of two experts and a Secretary of the Council was constituted with the approval of Chairman-NAEAC. The committee carried-out on-site visit during October 19-20, 2011. They held a holistic review and visit of physical, human and other teaching resources of the discipline deployed for the degree programs, and met the Dean of the Faculty and the Vice Chancellor.



AIC Visit to Institute of Agricultural Sciences, Uni. of the Punjab, Lahore

² The AIC on Plant Pathology comprised of Prof. Dr. Muhammad Arif Chohan, KPK Agri. University, Peshawar and Dr. Muhammad Bashir, CSO (Rtd), NARC, Islamabad and Secretary NAEAC.

6. The AIC for Plant Pathology recommended accreditation of the degree programs of Plant Pathology in the lower band of category “X” with 66 % score based on the following strengths and weaknesses of the degree programs:

Strengths:

- i) The Department have adequate faculty and necessary infrastructure with nine functional laboratories, five class rooms, 14 faculty offices, departmental library and computing facility.
- ii) The faculty has been accessing externally funded research grants in addition to their budgetary allocations.

Weaknesses:

- i) Although adequate in number, nearly half of the faculty members do not specialize in the programs offered.
- ii) The curriculum adopted for B.Sc (Hons) Agriculture (Plant Pathology) is deficient in some compulsory, interdisciplinary and supporting courses. For instance, there is need to improve the faculty’s capacity in relevant Phyto-Bacteriology, Phyto-Nematology, Plant Virology and Fungal Pathology.

C. KPK Agricultural University, Peshawar

i) Degree Programs in Livestock Management³

7. Two AICs, one each for Livestock Management and Entomology were constituted and on-site visit was conducted from November 2-3, 2011. The AIC Members had detailed interaction with all the faculty members, students and support staff of the department. The AICs also visited teaching research infrastructure including laboratories, library, class rooms and faculty offices. Comprehensive participatory SWOT analysis was also undertaken separately with the faculty and students.

8. The AIC for Livestock Management recommended accreditation of the degree programs of Livestock Management in the lower band of category “X” with 68% score on the basis of following strengths and weaknesses:

Strengths:

- i) Qualified faculty of eight teachers consisting six PhDs with adequate experience and expertise
- ii) Effective linkages with the industry /other organizations to initiate new programs and incentives.

³ The AIC on Livestock Management of Prof. Dr. Muhammad Younas, UAF and Dr. Muhammad Ashraf Mirza, COS (Rtd), NARC, Islamabad and Secretary NAEAC.

Weaknesses:

- i) Acute shortage of faculty, the present teaching staff is over-loaded (i.e. student: faculty ratio is 1:35 compared to recommended ratio of 1:20).
 - ii) Less space for teacher offices, seminar room, staff rooms, Dept. library etc.
 - iii) Lack of periodicals, journals and internet facilities in library for faculty and students.
 - iv) Insufficient land for fodder production at the Dairy Farm for experimental animals.
- ii) Degree Programs in Entomology⁴**

9. The AIC for Entomology recommended accreditation of the degree programs of Entomology in the middle band of category “X” with 70% score on the following strengths and weaknesses of the degree programs :

Strengths:

- i) Foreign qualified and competent faculty with six PhD degree holders out of eight in different fields of entomology.
- ii) Laboratory facilities (four teaching/research laboratories), controlled environment room and insect museum are available.

Weaknesses:

- i) Full time faculty of eight teachers as against the requirement of 10.
- ii) Course files are not maintained by the faculty members.
- iii) Shortage of classrooms and faculty offices.
- iv) Lack of lab. Equipment i.e., HPLC, centrifuges, electrophoresis, PCR, spectrophotometer, relevant software, books, national and international journals in different areas of entomology as well as green house.

iii) Degree Program in Agri. Extension⁵

10. The on-site visit was conducted from December 1-2, 2011 of both the disciplines of Agri. Extension and Agricultural Economics by the AICs constituted by the competent authority which carried-out the on-site visit and evaluation.

11. The AIC recommended accreditation of B.Sc(H) and M.Sc(H) degree programs of Agri. Extension in the middle band of category “X” with 70% score and highlighted following strengths and weaknesses.

⁴ The AIC on Entomology comprised of Dr. Ghulam Jilani, CSO (Rtd), NARC, Islamabad and Dr. Muhammad Naeem, PMAS AAUR, Rawalpindi and Secretary NAEAC.

⁵ The AIC on Agri. Extension comprised of Prof. Dr. Noshad Khan, AIOU, Islamabad and Dr. Shafiullah Khan, Ex. D.G and Secretary NAEAC.

Strengths:

- i) Qualified faculty with eight PhDs out of nine having teaching experience of more than 20 years each.

Weaknesses:

- i) Inadequate use of modern instructional approaches with no course files.
- ii) Lack of modern equipment of mass media especially mixing, dubbing and editing equipment and recording both for audio and video.
- iii) No common room for departmental library, computer lab and other facilities.



AIC Visit to Department of Agri. Extension, KPK AUP

iv) Degree Programs in Agricultural Economics⁶

12. The AIC for Agricultural Economics recommended accreditation of the degree programs of Agricultural Economics in the middle band of category “X” with 73% score on the basis of following strengths and weaknesses.

Strengths:

- i) Interactive and teaching-learning environment with the active involvement of faculty and with good student/faculty interaction.

Weaknesses:

- i) Shortage of faculty at the senior level, only one Professor out of 12 faculty members.
- ii) Lack of computer lab and internet facilities for students and department library.
- iii) Inadequate office space and class room facilities.
- iv) Inadequate representation in national and international seminars, conferences.

⁶ The AIC on Agricultural Economics comprised of Prof. Dr. Abdul Salam, Federal Urdu University, Islamabad and Dr. Sarfraz Mian, PMAS AAUR and Secretary NAEAC.

D. Faculty of Agriculture, Rawalakot

i) Degree Programs in Entomology⁷

13. Accreditation activities at Faculty of Agriculture, Rawalakot commenced with degree programs of the Entomology discipline. The AIC comprising three members carried out on-site visit from December 22-23, 2011 and conducted a holistic review of the degree programs besides detailed meetings and interaction with Dean, faculty, support staff and students.



AIC Visit to Dept. of Entomology, Faculty of Agri. Rawalakot, AJK

14. The AIC for Entomology recommended accreditation of the degree programs of Entomology in the lower band of category “X” with 68% score indicating following strengths and weaknesses.

Strengths:

- i) Teaching faculty of four PhDs comprising three Professors and one Associate Professor along with four part-time lecturers.
- ii) Insect museum having fairly high number of insects and mite specimens has been established.

Weaknesses:

- i) Lack of lab. equipment i.e., HPLC, centrifuges, electrophoresis units, PCR, spectrophotometer, relevant software, books, national and international journals in different areas of entomology.
- ii) No departmental library and no computer lab with internet facility.
- iii) Inadequate support staff such as technician and lab attendants.
- iv) Lack of greenhouse facility and sufficient class rooms.

E. UCA & Environmental Sciences, The Islamia University, Bahawalpur

i) Degree Programs in Soil Science⁸

15. AICs on-site visit of both the disciplines was carried-out from January 5-6, 2012. Members of AICs attended a detailed presentation by the HODs besides conducting a comprehensive review of the SAR, infrastructure, facilities and available teaching-learning resources.

⁷ The AIC on Entomology comprised of Dr. M.E. Tusneem, Chairman-NAEAC, Dr. Ghulam Jilani, CSO (Rtd), NARC, Islamabad and Dr. Farmanullah, Director QEC, KPK Agricultural University, Peshawar.

⁸ The AIC on Soil Science comprised of Prof. Dr. Safdar Ali, PMAS AAUR, Prof. Dr. Muhammad Abid, UCA, BZU, Multan and Secretary NAEAC.

16. The AIC for Soil Science recommended accreditation of the degree program of B.Sc(H) Soil Science in the lower band of category “X” with 67% score and identified the following strengths and weaknesses.



AIC Visit to Dept. of Soil Science, UCA, IUB

Strengths:

- i) Qualified teaching faculty; majority (three out of four) possess Ph.D. degree.

Weaknesses:

- i) Lack of trained faculty in Soil Classification/Genesis and GIS.
- ii) Limited space in lecture rooms and inadequate number of faculty offices.
- iii) Un-trained / un-qualified laboratory technician/ lab assistants.

iv) Degree Programs in Agronomy⁹

17. The AIC for Agronomy recommended accreditation of B.Sc(H) degree program in the upper band of category “Y” with 64% score on the basis of following strengths and weaknesses.

Strengths:

- i) Adequately qualified and experienced teaching faculty with more than 80% (four out of five) possessing PhD degree.
- ii) Large experimental field area and adequate laboratory and low cost tunnel facilities are available.

Weaknesses:

- i) Shortage of B.Sc / M.Sc degree programs resulting in more teaching load as required.
- ii) Limited class rooms / faculty offices.
- iii) Obsolete models of PCs and inaccessible to students.

⁹ The AIC on Agronomy comprised of Dr. Rashid Ahmed Shad CSO (Rtd), NARC, Prof. Dr. Muhammad Bismillah Khan, UCA, BZU, Multan and Secretary NAEAC.

F. University College of Agriculture, BZU, Multan

i) Degree Programs in Agronomy¹⁰

18. On-site AICs visit of the degree programs of two disciplines Agronomy and Soil Science were carried out from February 13-14, 2012 and other three disciplines Entomology, Horticulture and PBG from February 15-16, 2012 by the AICs constituted for the purpose. Members of the AICs of three disciplines besides conducting a holistic review of the degree programs also held meeting with Vice-Chancellor and discussed issues relating to quality assurance and accreditation.

19. The AIC on Agronomy recommended accreditation of B.Sc(H) and M.Sc(H) degree programs in the lower band of category “X” with 69% score and assessed the following strengths and weaknesses.

Strengths:

- i) All regular faculty members (9) hold PhD degrees with considerable teaching experience.

Weaknesses:

- i) No system on preparation and submission of course review reports by each faculty member.
- ii) Lack of controlled-environment facility for experiments.
- iii) Shortage of farm machinery and implements including the latest farm equipment and other farm machinery for experimental purposes.
- iv) Inadequate lab equipment and shortage of lab staff.



Visit to University College of Agriculture, BZU, Multan

¹⁰ The AIC on Agronomy comprised of Dr. Rashid Ahmed Shad CSO (Rtd), NARC, Prof. Dr. Muhammad Bismillah Khan, UCA, BZU, Multan and Secretary NAEAC.

ii) Degree Programs in Soil Science¹¹

20. The AIC for Soil Science recommended accreditation of the degree programs in the lower band of category “X” with 68% score on the basis of following strengths and weaknesses.

Strengths:

- i) All the regular faculty members are adequately qualified possessing PhD degree with sufficient teaching experience.
- ii) Departmental library maintains latest books, relevant journals and sophisticated audiovisual system.

Weaknesses:

- i) Shortage of trained faculty in Soil Classification/Genesis and GIS, etc.
- ii) Limited number of trained supporting staff, i.e. laboratory technician/assistants.
- iii) Limited and relatively small space for lecture rooms.
- iv) Lack of international professional teachers’ training programs.

iii) Degree Programs in Entomology¹²

21. The AIC for Entomology recommended accreditation of the degree programs of Entomology in the middle band of category “X” with 70% score and assessed the following strengths and weaknesses.

Strengths:

- i) Majority of faculty members hold Ph.D. degrees (7 out of 8) having expertise in different fields of entomology.
- ii) Adequate laboratory facilities (two teaching and three research laboratories) are available for graduate research.

Weaknesses:

- i) No senior faculty member at Professor and Associate Professor level.
- ii) Lack of greenhouse facility
- iii) No departmental library and common room facility for students.

¹¹ The AIC on Soil Science comprised of Prof. Dr. Safdar Ali., PMAS AAUR, Prof. Dr. Moazzam Jamil, UCA and Environmental Sciences, The Islamia University, Bahawalpur and Secretary NAEAC.

¹² The AIC on Entomology comprised of Dr. Ghulam Jilani, Prof. Dr. Muhammad Naeem, PMAS AAUR and Secretary NAEAC.

iv) Degree Programs in Horticulture¹³

22. The AIC for Horticulture recommended accreditation of the degree programs of Horticulture in the middle band of category “X” with 70% score based on the following strengths and weaknesses.

Strengths:

- i) Faculty is well qualified comprising seven PhD and three MPhil teachers having adequate experience.
- ii) Strong linkages with the local mango industry for R&D activities.

Weaknesses:

- i) Shortage of Faculty as compared to existing teaching load.
- ii) Teacher offices, seminar room, staff rooms are limited with no provision of departmental library.
- iii) Lack of periodicals and journals for faculty and students and limited Internet facilities.
- iv) Limited and unskilled supporting staff of the laboratories.

v) Degree Programs in Plant Breeding and Genetics¹⁴

23. The AIC on Plant Breeding and Genetics recommended accreditation of the degree programs of PBG in the lower band of category “X” with 68% score based on the following strengths and weaknesses.

Strengths:

- i) The department has adequate field and machinery facilities for graduate research.
- ii) Out of six faculty members; 4 possess PhD degree with moderate experience.

Weaknesses:

- i) Facilities for undergraduate laboratories are insufficient. The computer /internet facilities for students are limited.
- ii) The support staff of the department is less than the criteria set by HEC.
- iii) The library facilities within the department are not available. Research Journals are also missing in the college library and only HEC e-journals are available in the central library of the university.

¹³ The AIC on Horticulture were Prof. Dr. M. Jamil, Rawalakot, Dr. Ishfaq Ahmad hafiz and Secretary NAEAC.

¹⁴ The AIC on PBG were Prof. Dr. Muhammad Munir, PMASAAUR, Dr. Syed Dilnawaz Gardezi, Rawalakot and Secretary NAEAC.

G. Sindh Agriculture University, Tandojam

i) Degree Programs in Agronomy¹⁵

24. The on-site visit was conducted from March 5-6, 2012 of both the disciplines of Agronomy and Soil Science by the AICs constituted by the competent authority. Members of the AICs carried-out two days program review according to the schedule.

25. The AIC on Agronomy recommended accreditation of the degree programs of Agronomy in the middle band of category “X” with 70% score on the basis of following strengths and weaknesses.

Strengths:

- i) Out of eight regular faculty members three are PhD having sufficient experience of 8-15 years.
- ii) The department has established library, one well maintained seed lab and internet facility.

Weaknesses:

- i) Shortage of teaching faculty because of ever increasing in-take in the under-graduate degree program.
- ii) Shortage of laboratory and field equipment, tools and machinery for carrying-out graduate research.
- iii) Non-availability of audio-visual aids/internet facilities for class room teaching, research and seminars.

ii) Degree Programs in Soil Science¹⁶

26. The AIC on Soil Science recommended accreditation of the degree programs of Soil Science in the middle band of category “X” with 70% score based on the following strengths and weaknesses of the degree programs:

Strengths:

- i) Out of 9 regular faculty members, 5 possess PhD degree; most of them have sufficient teaching experience of 12-18 years.
- ii) Availability of well-established departmental library having latest books, relevant journals besides being equipped with sophisticated audiovisual system.

¹⁵ The AIC on Agronomy comprised of Prof. Dr. Muhammad Bismillah Khan, UCA, BZU, Multan, Dr. Rashid Ahmed Shad CSO (Rtd) and Secretary NAEAC.

¹⁶ The AIC on Soil Science were Prof. Dr. Muhammad Abid, BZU, Multan, Dr. Moazzam Jamil, IUB and Secretary NAEAC.

Weaknesses:

- i) Limited number of trained supporting staff, i.e. laboratory technician/assistants.
- ii) Lack of equipment repair and maintenance facilities.
- iii) Limited and relatively small space for lecture rooms.

iii) Degree Programs in Food Science and Technology¹⁷

27. Two AICs one each for the discipline of Food Science and Technology and Entomology was carried out on-site inspection from March 7-8, 2012. The peer teams evaluated teaching-learning resources for the degree programs besides participatory SWOT analysis with faculty and students.

28. The AIC for Institute of Food Science and Technology recommended accreditation of the degree programs of Food Science and Technology in the middle band of category “X” with 71% score based on the following strengths and weaknesses of the degree programs:

Strengths:

- i) The Institute has 10 well equipped laboratories, a small library with more than 800 books and computer lab with 11 PCs connected with internet.
- ii) The Institute achieved ISO 9001-2000 certification in 2007.

Weaknesses:

- i) Faculty of three members consisting of one Professor and two Lecturers resulting in high student teacher ratio.
- i) The teaching faculty needs to develop effective linkages with food-industry and research institutes which are essential for sharing of knowledge and current problems of industry.



AIC Visit to Institute of Food Science and Technology, Sindh Agriculture University, Tandojam

¹⁷ The AIC on Food Science and Technology comprised of Prof. Dr. Shahana Urooj Kazmi, Pro-V.C/Co-Chairperson-NAEAC, UOK, Dr. Abid Husnain, University of Karachi and Dr. Saeed Akhter, BZU, Multan and Secretary NAEAC.

- iii) Laboratory staff and supporting staff is insufficient and un-trained for the job.
- iv) The Institute has only one class room and classes are held in the laboratories.

iv) Degree Programs in Entomology¹⁸

29. The AIC on Entomology recommended accreditation of its B.Sc(H) and M.Sc(H) degree programs in the lower band of category “X” with 69% score considering following strengths and weaknesses.

Strengths:

- i) Out of 10 faculty members 5 hold PhD degree and remaining 5 are M.Sc(Hons)/MPhil and have expertise in different fields of entomology.
- ii) Four research labs with capacity of 10 students each and 3 teaching labs with capacity of 60 students. Maintenance of insect museum as well.
- iii) Sufficient land for on-farm research is available both for faculty and students.

Weaknesses:

- i) The degree program lacks modern research equipment for research.
- ii) Course files are hardly maintained by the faculty members.
- iii) No regular budget allocation and no delegation of financial powers. Departmental library does not contain sufficient number of relevant books
- iv) Lack of green house facility

H. UCA, University of Sargodha, Sargodha

i) Degree Programs in Entomology¹⁹

30. Three AICs one each for the discipline of Entomology, Agronomy and Soil and Environmental Sciences carried out on-site inspection from April 23-24, 2012. The peer teams evaluated teaching-learning resources for the degree programs besides participatory SWOT analysis.



AIC Visit to Dept. of Entomology, UCA, UOS, Sargodha

^{18&19} The AIC on Entomology were Dr. Ghulam Jilani, CSO (Rtd), Prof. Dr. Muhammad Naeem, PMASAAUR and Secretary NAEAC.

31. The AIC on Entomology recommended accreditation of the degree programs of Entomology in the lower band of category “X” with 69% score assessing the following strengths and weaknesses of the degree programs:

Strengths:

- i) Out of 9 faculty members 4 hold PhD, and 3 are abroad for PhD studies.
- ii) The admission response in entomology degree programs is overwhelming.

Weaknesses:

- i) The program lacks basic and modern research equipment required for undergraduate and post-graduate teaching and research.
- ii) The department is without library, computer lab and greenhouse facility.
- iii) Inadequate faculty offices and inexperienced faculty associated staff.

ii) Degree Programs in Agronomy²⁰

32. The AIC on Agronomy recommended accreditation of the degree programs of Agronomy in the upper band of category “Y” with 64% score identifying the following strengths and weaknesses of the degree programs:

Strengths:

- i) The teaching faculty of nine members including 4 PhDs and five Master Degree holders but relatively young.
- ii) The department owns a tractor and the latest tractor-operated implements.



AIC Visit to Dept. of Agronomy, UCA, UOS, Sargodha

Weaknesses:

- i) The degree programs lack academic leadership due to the vacant positions of Professor and Associate Professors.
- ii) Lack of qualified and well-trained lab and field research staff.
- iii) Inadequate office space for the faculty, limited computer and internet facilities, non-availability of controlled environment for experimentation.

²⁰ The AIC on Agronomy consisted of Prof. Dr. Muhammad Ashraf, PMASAAUR, Dr. Rashid Ahmed Shad CSO (Rtd) and Secretary NAEAC.

iii) Degree Programs in Soil and Environmental Sciences²¹

33. The AIC on Soil and Environmental Sciences recommended accreditation of the degree programs of Soil and Environmental Sciences in the middle band of category “X” with 72% score considering the following strengths and weaknesses of these programs:

Strengths:

- i) The available teaching faculty includes four PhDs and one MPhil faculty member but in the junior cadre of Assistant Professor and lecturer.

Weaknesses:

- i) The faculty lacks positions of professors and associate professors with limited opportunities of foreign training.
- ii) Inadequate library and lab facilities for post-graduate students.
- iii) The students are facing serious constraints of hostel accommodation and university transport.

iv) Degree Programs in Plant Pathology²²

34. The AIC on Plant Pathology recommended accreditation rating of the degree programs of Plant Pathology in the upper band of category “Y” with 62% score on the basis of following strengths and weaknesses.

Strengths:

- i) The faculty is young consisting of 4 PhDs and one MPhil with limited teaching experience.

Weaknesses:

- i) Lack of qualified faculty particularly in the areas of Plant Nematology and Phyto-bacteriology with not even single Professor in Plant Pathology.
- ii) Lack of essential infrastructure for the degree programs offered. One laboratory, two class rooms, a few faculty offices are insufficient and inadequate for the degree programs such as B.Sc (Hons), M.Sc (Hons) in Plant Pathology.
- iii) Non-availability of basic and essential equipment used in Plant Pathology, Insufficient laboratory supplies such as chemicals, reagents and diagnostics to fulfill the requirement of quality teaching and research facilities for the degree programs.

²¹ The AIC on Soil and Environmental Sciences comprised of Prof. Dr. Safdar Ali, PMASAAUR, Mr. Tahir Saleem, Ex Project Director, NFDC and Secretary NAEAC.

²² The AIC on Plant Pathology were Prof. Dr. Muhammad Arif Chohan, KPK AUP, Dr. Muhammad Bashir CSO (Rtd), NARC and Secretary NAEAC.

i) Degree Programs in Horticulture²³

35. The AIC on Horticulture recommended accreditation of the degree programs of Horticulture in the upper band category of “Y” with 60% score reviewing the following strengths and weaknesses of the degree programs:

Strengths:

- i) Qualified faculty comprising four PhDs and three Master degree holders with adequate experience.
- ii) Ideal location for advance teaching and research because of access to world recognized citrus growing area.



AIC Visit to Dept. of Horticulture, UCA, UOS, Sargodha

Weaknesses:

- i) Shortage of regular and senior Faculty members as professors and associate professors.
- ii) Lack of needed equipment for teaching and research in the laboratories.
- iii) Insufficient infrastructure such as labs, faculty offices, classrooms, seminar rooms, etc.
- iv) Lack of periodicals and journals for faculty and students having no library facilities.

ii) Degree Programs in Plant Breeding and Genetics²⁴

36. The AIC on Plant Breeding and Genetics recommended accreditation rating of the degree programs of Plant Breeding and Genetics in the upper band of category “Z” with 47% score considering the following strengths and weaknesses of the degree programs:

Strengths:

- i) Qualified faculty including 4 PhDs and 2 MPhil teachers with passion for teaching and research.

Weaknesses:

- i) The facilities for under-graduate laboratories are insufficient.
- ii) The computer and library facilities are limited. Teachers and students have least access to internet facilities.
- iii) Functional tutorial groups and counseling for students at the campus is also lacking.

²³ The AIC on Horticulture consisted of Dr. Muhammad Jamil Ahmed, The University of Poonch, Rawalakot, Dr. Ishfaq Ahmed Hafiz, PMAS AAUR and Secretary NAEAC

²⁴ The AIC on Plant Breeding & Genetics comprised of Prof. Dr. Syed Dilnawaz Gardezi, The University of Poonch, Rawalakot, Dr. Shahid Masood, Sr. Director/CSO, NARC and Secretary NAEAC.

III. QUALITY ASSURANCE AND ACCREDITATION AWARENESS SEMINARS

37. According to its byelaws, the NAEAC is committed to organize awareness seminars for its stakeholders. It is a regular and ongoing activity of the Council Secretariat. The overall objective of the activity is to create awareness among the stakeholders and to sensitize them regarding the significance of Quality Assurance and Accreditation of Degree Awarding Programs.

Awareness Seminars:

i) University of Haripur:

38. As part of its awareness campaign on need for accreditation and its significance for quality assurance and improvement. NAEAC organized awareness seminar during 2011-12 at different agricultural universities/colleges. The seminar at University of Haripur was held in February, 2012. The participants of the seminar included faculty members and students. Chairman, NAEAC gave an overview of the mandate, activities and achievements of the Council since its establishment in 2007. He emphasized that accreditation of agriculture degree programs is mandatory for all agriculture education institutions to improve the quality of education, enhance the capacity of institutions and upgrade teaching and research infrastructure to achieve and sustain academic excellence.



Awareness Seminar at University of Haripur

39. The Secretary NAEAC briefed the participants on the role, functions, composition of the Council as well as details of the accreditation process. The benefits of accreditation, rating of degree programs and accreditation outcomes were also explained. He informed that NAEAC has planned four awareness seminars at the various agriculture education institutions of Pakistan during 2011-12. He also noted that during 2010-11, five such seminars were organized.

ii) AMK Campus Mardan of Agriculture University Peshawar (AUP)

40. The NAEAC organized the seminar at KPK AUP, Amir Muhammad Khan Campus (AMK), Mardan in April, 2012. Speaking on the occasion, Dr. Dawood Jan, Campus Project Director, gave a presentation on the academic and development programs of AMK Campus, Mardan. He escorted the visitors to the proposed site of the Campus and briefed on history and construction activities of the new University complex. Chairman and Secretary, NAEAC highlighted the mandate, role, functions and scope of NAEAC, composition of NAEAC membership as well as the details of the accreditation process.

IV. COUNCIL MEETINGS

Minutes of Sixth Council Meeting:

41. The sixth meeting of the NAEAC was held on September 29, 2011 at 10:30 A.M. in the Mural Hall of HEC, H-9, Islamabad. The meeting was chaired by Dr. M. E. Tusneem, Chairman-NAEAC and attended by 15 of the 22 Council Members representing agricultural universities, research institutes, agro-industry and R&D institutions in public and private sectors. There was one proxy and seven apologies/absentees (Annex-II).

42. Secretary – NAEAC presented the formal agenda to the Council. A summary of the decisions taken by the meeting is given below.



Sixth Meeting of NAEAC

Item #1: Confirmation of the Minutes of the Fifth Meeting of NAEAC

43. The final minutes of the Fifth Meeting of NAEAC incorporating the comments of the Council Members were presented for approval.

Decision: *The Council approved the minutes of its fifth meeting held on January 31, 2011 at Mural Hall of HEC, Islamabad*

Item# II: Consideration and Approval of the Reports of AICs for FY 2010-11

44. During 2010-11, the NAEAC successfully organized on-site visits for seventeen disciplines of agriculture for the external evaluation of 33 degree programs. These included PMAS Arid Agriculture University, Rawalpindi (07); University of Agriculture, Faisalabad (12); and KPK Agricultural University, Peshawar (14). A summary of the on-site visits of the AICs at various Agriculture Institutions is given in Annex-III. Copies of the AIC reports are on file at the NAEAC Secretariat. Excerpts of the AIC reports including a summary of SWOT Analysis and recommendations for rating the degree programs are presented in the annexure of the working paper (pages 12-49) in chronological order for consideration/approval of the Council.

Decision: *The Council reviewed and endorsed the accreditation recommendations of the AICs. It however pointed certain inconsistencies in the SWOT Analysis of degree programs and advised to rectify them. The Council noted that SWOT Analysis should be based on facts and empirical evidence. They emphasized that SWOT be made more self-explanatory, precise and internally consistent. Orientation of Program Evaluators/Experts on SWOT Analysis was recommended by the Council and duly implemented by NAEAC with the help of HEC Quality Assurance Agency. The orientation was conducted by a renowned resource person from Sri Lanka.*

Item# III: Approval of Annual Work Plan for Financial Year 2011-12.

45. Annual Work Plan 2011-12 was presented to the Council members. It was reported that Council planned to undertake on-site accreditation visits for 40 degree programs covering 20 different disciplines in Agriculture Universities and Colleges; held 15 Awareness Seminars to create awareness among the stakeholders and sensitize them on the significance of accreditation process for quality assurance, learning innovations and capacity building; awareness seminars covering all the agricultural educational institutions in Pakistan, as well as to update and maintain Program Evaluators roster.

Decision: *The Council commended the efforts of the Secretariat and approved the work plan of the Council for FY 2011-12.*

Item# IV: Approval of Annual Report for FY 2010-11.

46. The Council circulated the draft of its fourth annual report highlighting various activities and achievements of the Council during 2010-2011 and asked the meeting for its comments and endorsement.

Decision: *The Council members were asked to give their valuable comments/suggestions within a period of two weeks up-to October 15, 2011 and to incorporate the same in the final annual report.*

Item# V: Approval of NAEAC Budget for 2011-12.

47. The budget proposed for the year 2011-12 was presented to the Council. The Council members were of the view that budgetary provisions for such an important task are nominal and need to be increased substantially. The house was informed that HEC has assured additional funds to carry-out the planned accreditation and other activities.

Decision: *The budget for FY 2011-12 was approved by the Council. It also recommended to include, in future, allocations and actual expenditure details for the preceding year with the budgetary proposal of the current year.*

Item# VI: Renewal of Annual Service Contract Agreement of NAEAC Staff.

48. The renewal of annual service contract of NAEAC staff was presented before the Council members for their information and approval.

Decision: *The Council approved the renewal of service contract of NAEAC Secretariat Staff from September 2011 to September 2012 as proposed. Dr. Riaz H. Qureshi, Advisor (HRD), HEC observed that Chairman- NAEAC is competent to make new appointments and/or renew the contract agreements of NAEAC staff. Hence, in future matter may be brought in the Council meeting for the information of the Council.*

Item# VII: Institutional Membership of Asia Pacific Quality Network (APQN).

Decision: *The Council commended the efforts of Secretariat for membership of Regional and International Quality Assurance Networks such as APQN and INQAAHE is always welcome. However, keeping in view sizeable registration and membership fee of USD \$800, there is a need to further study the potential benefits of such a membership and the case be pursued subject to the availability of additional funds for the purpose.*

Any other Item:

49. Having deliberated on the agenda of the meeting, the Chair invited the members to table any other item or issue to be presented and discussed in the house. Prof. Dr. Shahbaz Talib Sahi, on behalf of Dean Faculty of Agriculture, University of Agriculture, Faisalabad made power point presentation on the F.Sc (Pre-Agriculture) program being offered by UAF, to the Council Members and highlighted its main features. While highlighting the significance of the program, he urged that all the degree awarding agriculture institutions to accommodate F.Sc(Pre-Agriculture) in the admission eligibility criteria of degree programs for B.Sc (Hons.) Agriculture Sciences, B.Sc. Agri. Engineering, and D.V.M. etc. This program was appreciated by the house and endorsed for implementation.

The important decisions of the meeting of Inter-University Faculty Board of Agriculture (IUFBA), constituted by Governor of the Punjab, held on 17-9-2011 at UAF are as under:

- The scheme of studies followed at UAF will be communicated to all the members electronically for consideration and adoption at their end.
- National Agriculture Education Accreditation Council (NAEAC), through HEC, Islamabad will initiate efforts to bring uniformity in the curricula at national level.
- The house unanimously decided that wherever, there is independent agriculture related degree programs, e.g. Food Technology, should be brought under the umbrella of agriculture as a major subject with nomenclature of B.Sc(Hons.) Agri. Food Technology or Food Science.
- The first degree recipients from Institute of Agricultural Sciences (IAGS), Punjab University may be entertained for admission to Master program at UAF and other degree awarding agricultural institutions with deficiencies as identified by the respective Board of Studies.

The house endorsed the above recommendations and asked NAEAC to forward these to HEC for implementation in all agricultural universities and colleges throughout the country.

50. Prof. Dr. Riaz Hussain Qureshi, in his concluding remarks stated that standards of degree programs vary across the Institutions. There is a need to maintain minimum standards. Hence, need for Quality Enhancement Cells (QECs) and ACs was realized by the HEC. It is generally perceived that Councils are performing well. More emphasis is given to the theory than practical aspects. Curriculum should focus both on knowledge and skill acquisition. In this regard, the input of the Deans and Faculty is very critical. Lab space and equipment are becoming gradually grossly inadequate as compared to increasing number of students. He also urged that a minimum set of skills is needed for the newly inducted teachers for teaching.

51. The Meeting adjourned with vote of thanks to the Chair. The Chair thanked the esteemed Council Members for their keen interest and useful suggestions.

V. ROSTER OF PROGRAM EVALUATORS/EXPERTS

52. Unlike other Accreditation councils (ACs) of HEC, the NAEAC has more than 15 disciplines of Agriculture necessitating the maintenance of an up-to-date large roster. As of July 2012, the panel of evaluators has been increased from 86 to 101. These evaluators/ experts are oriented about the evaluation manual /tool-kit before proceeding to on-site visit of the degree programs. Toolkit maintains four major and three minor criteria along-with several aspects as well as more than 50 standards of various academic aspects. A “Handbook for program evaluators” is also made available to them regarding their behavior, attitude, interaction, question wording and conduct, etc. Thus, the success or failure of an inspection/ on-site visit depends primarily on the Program Evaluators. The Council has devised certain criteria and procedure for the careful and transparent selection of experts/assessors is given below.

a) Selection Criteria:

- i) PhD in relevant fields of Agriculture education with minimum of five years teaching experience at university level or eminent scientist/professional with 10-15 years' experience related to agriculture.

- ii) Strong technical and analytical skills
- iii) Strong communication and interpersonal skills
- iv) Experience/familiarity with international best practices in program evaluation at University level
- v) Experience in the assessment/evaluation of degree level academic program shall be preferred.

b) Selection Procedure:

- i) Nominations of suitable faculty members as Program Evaluators by the Vice Chancellors of Agriculture Universities.
- ii) Nominations by the Chair/Member of the Council
- iii) Expression of Interest (EOI) through website or advertisement.
- iv) Selection of the evaluators by a selection committee comprising of three to four members and chaired by chairman NAEAC.

c) Notification of the Program Evaluators:

- i) The evaluators shall be the members of the Accreditation Inspection Committee (AIC).
- ii) The Accreditation Inspection Committee (AIC) shall comprise of minimum three Program Evaluators. However, the Council may appoint such numbers of Program Evaluators as it may deem requisite to attend any assignment.
- iii) Appointment of Evaluators shall remain effective for a period of three years unless it is cancelled by the Council for some genuine reasons.
- iv) The performance evaluation will be done annually by the Council.
- v) The Council may remove/replace any Program Evaluator on account of performance or non-availability.
- vi) The evaluators shall be paid TA/DA as per entitlement.
- vii) A lump- sum amount duly approved by the Council shall be paid as honorarium to each evaluator during the inspection/visit period.

VI. DATABASE OF AGRICULTURE DEGREE PROGRAMS

53. The Council maintains database of all the degree awarding agricultural programs in the country. The database is updated from time to time to monitor changes in the annual intake, total enrollment, faculty quality and strength, infrastructure, academic and research facilities and other learning resources. In order to update the information, second email survey of degree programs was carried-out during 2011-12. Statistical information of more than 150 degree programs was compiled and processed across the country from eighteen agriculture institutions.

A. Enrollment of Students

54. The student's enrollment in the Agriculture faculties of the five Universities of Agriculture is more than six thousands. As a result, there is serious shortage of class rooms that necessitates the use of labs as class rooms. More than 76.7 percent under-graduate and post-graduate enrollment is in agriculture universities. The under-graduate enrollment is almost twice than the post-graduate classes.

Table 1: Students Enrollment in Agriculture Degree Programs, 2011-12

Institution	B.Sc(Hons)	M.Sc(Hons)	Total	Percent
Agriculture Universities (5)	3,546	2,972	6,518	76.7
Agriculture Colleges (6)	1,947	599	2,546	11.5
Agriculture Faculties (2)	350	94	444	4.5
Agriculture Departments (5)	228	83	311	7.3
Agri. Education Institutions (18)	6,071	3,748	9,819	100

Similarly, total enrollment in six agriculture colleges during 2011-12 was 11.5 percent of the enrollment in agriculture institutions. However, two agriculture faculties of AJK, Rawalakot and Gomal University, D.I.Khan were less than five percent of the total enrollment in agriculture education institutions.

B. Graduates Produced to-date

55. Agriculture Education Institutions in the country cumulatively have so far produced about 58,017 graduates as of academic year 2011-12. B.Sc(Hons) Agriculture graduates and post-graduates. Graduates produced by the Agriculture Universities are (95%) percent of all the graduates. Also, maximum number (90.6%) percent of post-graduates were produced by the agriculture universities.

Table 2: Graduates Produced to date by Agriculture Degree Programs, 2011-12

Institution	Graduates Produced to date			
	B.Sc(Hons)	M.Sc(Hons)	Total	Percent
Agriculture Universities (5)	31,406	21,133	52,539	90.6
Agriculture Colleges (6)	2,957	338	3,295	5.6
Agriculture Faculties (2)	1,274	630	1,904	3.3
Agriculture Departments (5)	203	76	279	0.5
Agri. Education Institutions (18)	35,840	22,177	58,017	100

Share of agricultural faculties was only (3.3%) percent followed by agricultural colleges 5.6 percent and agricultural departments.

C. Faculty Strength

56. During 2011-12, about 900 faculty members are reported in the degree programs of agriculture from all 18 agriculture institutions. Out of these, 181 are professors, 110 associate professors, 334 assistant professors and 272 lecturers. Majority of the teaching faculty (59.1%) is in the agricultural universities, followed by agricultural colleges (24.3%) and agriculture faculties (9%) in the general universities. In all, the number of professors is more than associate professors. Faculty composition ratio of 1:1:2:2 as recommended is hardly fulfilled in this respect.

Table 3: Faculty Strength in Agriculture Degree Programs, 2011-12

Institution	Prof.	Associate Prof.	Asst. Prof.	Lecturers	Total	Percent
Agriculture Universities (5)	130	70	206	124	530	59.1
Agriculture Colleges (7)	24	35	70	89	218	24.3
Agriculture Faculties (2)	23	5	19	34	81	9.0
Agriculture Departments (3)	4	0	39	25	68	7.6
Agri. Education Institutions (18)	181	110	334	272	897	100

VII. ANNUAL WORK PLAN, 2011-2012

57. National Agriculture Education Accreditation Council (NAEAC) is mandated to improve the standard and quality of education of the degree awarding agriculture programs based on established standards, policies, procedures and criteria.

The following is the proposed work plan for FY 2011-12 in line with the Council mandate:

1. Accreditation Activities:

58. External Evaluation and accreditation of the degree programs is the primary and important function of the Council. During 2010-11, the Council has successfully carried out the accreditation and rating of 32 degree programs at University of Agriculture, Faisalabad; PMAS Arid Agriculture University, Rawalpindi and KPK Agricultural University, Peshawar. It is planned to undertake on-site accreditation visits of more than 20 different disciplines in Agriculture Universities and Colleges during 2011-12.

<u>S#</u>	<u>University/College</u>	<u>Disciplines</u>	<u>Degree Programs</u>
1.	University of Agriculture, Faisalabad	1	2
2.	Sindh Agriculture University, Tandojam	4	8
3.	KPK Agricultural University, Peshawar	4	8
4.	PMAS Arid Agriculture University, Rawalpindi	1	2
5.	Punjab University, New campus, Lahore	1	2
6.	University College of Agriculture, BZU Multan	5	10
7.	UCA, University of Sargodha, Sargodha	6	12
8.	UCA and Environmental Sciences, Islamia University, Bahawalpur	2	2
Total		24	46

2. Quality Assurance and Accreditation Awareness Seminars:

59. The Council organizes and delivers Awareness Seminars for its stakeholders as a continuing activity. During 2010-11, five Awareness Seminars were organized at five different agricultural education institutions to create awareness among the stakeholders and sensitize them regarding the significance of accreditation process. Three more awareness seminars are planned for 2011-12.

3. Roster of Experts/Program Evaluators:

60. The Council is maintaining roster of Experts/Program Evaluators for constituting AICs. Presently, about 90 Program Evaluators/Experts of different disciplines of agriculture are on the roster of NAEAC. The roster is revised and updated from time to time. Accreditation Inspection Committees (AICs) are constituted by the competent authority from the NAEAC roster of experts.

4. Meetings of the Council:

61. The Council has decided to convene only two meetings in a year in view of the financial constraints and inadequate working agenda. So far, five Council meetings have been convened in which important issues were deliberated and policy decisions were taken. The decisions of the council meetings are followed up by the Secretariat for implementation by the agencies concerned. Sixth meeting of the Council is scheduled in September, 2011.

5. Updating of NAEAC Website:

62. Updating of NAEAC website is a continuing activity. The website is updated with the information on accreditation activities and institutional data. Presently, the standard and quality of NAEAC website requires substantial improvement. Also it has to be upgraded in line with the parameters provided by Quality Assurance Agency, HEC. Hence, efforts are underway to upgrade the website with the collaboration of IT working group of AC, Pakistan Computer Bureau and QAA of HEC.

6. Publicity & Advertisement:

63. To highlight the role, functions and achievements of the Council, media coverage both print and electronic regarding Council activities is carried out on regular basis. The Council is sending news regarding its Council Meetings, On-site accreditation visits to various agri. Education institution, awareness seminars, etc to the local print media. Material for HEC News and Views is being prepared and submitted to HEC regularly for publication.

The Council plans to arrange press coverage of Council meetings, awareness seminars and AIC on-site visits on regular basis for the awareness of its stakeholders.

VIII. NAEAC GOOD PRACTICES FOR QUALITY ASSURANCE AND ACCREDITATION

i) Mission Statement:

64. NAEAC is mandated to improve the standard and quality of education of the agriculture degree programs based on established standards, policies, procedures and criteria. The Council has clear written mission statement along with a set of clearly defined goals and objectives. It is precise and transparent about its commitments, long-term goals and a future vision for high level performance. The overall objective of accreditation is to improve the quality of education,

enhance the capacity of institutions and upgrade physical infrastructure to achieve and sustain academic excellence.

ii) Relationship between the Accreditation Council and Higher Education Institutions:

65. External assessment and accreditation of the degree programs is the single most important function of the Council. The Council believes in the meaningful partnership with its stakeholders. It has developed a strong bond of relationship among all the stakeholders including teaching faculty, students, parents, alumni and the employers.

There exists an essence of mutual trust and credibility leading to a very close coordination and collaboration among its partners. All accreditation instruments and documents have been prepared and finalized in a participatory and consultative manner. Feedback from institutions and sharing of AIC reports is a regular feature.

iii) Transparency of Decision Making:

66. The Council carries out accreditation of degree programs on the basis of self-assessment of the degree programs and external quality assessment in line with Council's/ HEC approved standards/criteria. The Council enjoys full autonomy in carrying out its functions. It has been authorized to take independent decisions without any influence and favour. Council has to ensure transparency and efficiency in all its processes and procedures and is accountable to HEC being the controlling authority. A number of measures have been adopted to streamline the accreditation process of the degree programs. All decisions are made through mutual consultation and consent of Head of the teaching departments. Accreditation findings and outcomes are shared with faculty to arrive at consensus report. The decision regarding accreditation of a degree program rests with the Council members on the basis of the recommendations of AIC.

iv) Selection of Program Evaluators/ Experts:

67. The Council maintains a roster of experts/program evaluators of about 100 professors/scientists and experts pertaining to almost 15 disciplines of agriculture. These program evaluators/experts are drawn from academia, research and industry. Clear and well defined guidelines and instructions as well as tool-kit are provided to program evaluators (PEs) to ensure transparent and independent assessment and accreditation of degree programs. Special training programs are also organized by acquiring the services of foreign resource person to ensure uniformity and consistency of the assessment process. Formation of Accreditation Inspection Committees is approved by the Chairman-NAEAC on the basis of merit and competence.

v) Mechanism of Information Sharing:

68. The Council is obliged to share all types of information/documents, etc. with its stakeholders. Adequate mechanism exists for the publication and dissemination of information relating to the activities and functions of the Council. As per bye-laws of the Council, it publishes annual

progress report besides quarterly progress reports and monthly financial statements, etc. Accreditation activities are reflected through flashing news of the on-site visits of Accreditation Inspection Committees (AICs). Press Releases are issued after culminating the inspections and convening of Council meetings.

Awareness Seminars are mandatory and Council has so far organized more than 15 such seminars in various Higher Education Agriculture institutions in Pakistan.

AIC reports and recommendations are communicated to the Council members and Head of Departments (HODs) of the concerned disciplines.

Parents Alert and Brochures are also published for the general information of all the stakeholders.

69. The Council continuously updates its website i.e. www.naeac.org with latest data/Information including Annual Reports, Parents Alert, press releases, conferences, minutes of the meetings, and training workshops, etc.

vi) Documentation and Dissemination of Information:

70. National Agriculture Education Accreditation Council (NAEAC) firmly believes in clear and consistent documentation of reports, manuals and studies, etc. The Self-Assessment Reports (SARs) received from the host institutions clearly state the objectives, procedures and expectations of the evaluation process. The Terms of Reference (TORs) of the AICs embody decision making criteria, assessment methods and reporting format. The experts of the AICs are explicitly briefed about the significance of transparency, un-biasedness and impartiality of the external evaluation process during on-site visit. The Council assures that each academic program is peer reviewed for accreditation in the same way across institutions. The Council maintains a set of guidelines for experts/program evaluators available in the Handbook.

vii) Availability of Resources:

71. The Council has been receiving adequate funds during the last few years. An amount of Rs. 11.50 million has been received as grant from Higher Education Commission (HEC), i.e. almost Rs. 2.30 million grant per year.

72. The Council prepares its annual budget estimates with the commencement of the financial year. Budget breakup is approved by the Council. The Council Accounts are maintained as per Standard Operating Procedures (SOPs) of HEC and by a well-trained/qualified official. Annual activities, tasks and workload are finalized corresponding to the availability of the Annual Grant.

73. Council charges affordable accreditation fee duly approved by the Council members. The Annual Accounts of the Council are being audited by a Commercial Audit Firm annually.

The Council Secretariat maintains core staff of four officials comprising One Secretary, One Admin/Finance Officer, One IT Coordinator and an Office Attendant. It also organizes a roster of about 100 peer reviewers/experts covering all 15 disciplines of agriculture.

viii) Efficiency of the System of Appeals:

74. The Council as per its bye-laws of clause-10 sub-section- f provides the right for appeal against the decision of AIC but no such appeal has been filed so far. However, it is planned to develop an efficient system of appeals in the forthcoming Council meeting.

ix) Networking of Accreditation Councils:

75. Generally, every accreditation Council collaborates with other ACs through effective networking. The networking is remunerative in terms of sharing of accreditation experience, joint projects and staff exchange programs. The NAEAC networking endeavors at two tier level; i.e. networking among within the accreditation Councils of HEC and a broader networking with all the Registration and Accreditation Councils of Pakistan. The networking may yield joint participation in projects and seminars. Sharing record of meetings and visits and membership of the networks of the organizations at national and international level.

x) Comparability of Standards amongst similar academic programs:

76. Almost all the Accreditation Councils (ACs) have developed a system of comparison of similar academic programs in respect of standards of quality assurance. NAEAC has also developed and implemented a system of program rating in terms of W, X, Y, and Z. This provokes a healthy competition among degree programs besides making the process more objective, quantitative and rationale. The accreditation outcomes are available in the form of criteria for comparison among similar degree programs. AIC reports provide guideline for developing rating and ranking at program level as well as list of clustering of academic programs for making comparison.

IX. QUARTERLY PROGRESS REPORTS

77. The Council regularly prepares and submits its Quarterly Progress Reports (QPRs) to QAA of HEC. The QPR reflects activities and achievements for the ending quarter and targets for the next quarter. All the four quarterly reports for the quarters ending September, December, March and June, 2011-12 were forwarded to the controlling authority. Quarterly Reports provide a good basis for monitoring and reviewing the progress of Accreditation Program. It also helps identify the bottlenecks and constraints impeding the desired progress and achievement of planned activities.

X. BUDGET FOR FY 2011-12

78. In order to fast track accreditation activities and to complete the first round of accreditation within 4 to 5 years, the current level of funding is inadequate. Consequently, in FY 2011-12, Additional Grant of Rs. 1.5 million were requested from HEC to achieve the targets of accreditation and other allied activities but requisite funds were not made available despite best efforts. However, HEC vide its letter No.QAA/Council/HEC/2019/93, dated 14 June, 2012 has conveyed the decision of its 26th meeting of the Commission which indicates enhancement of Annual Grant of NAEAC from Rs. 2.0 million to Rs. 4.0 million.

BUDGET ALLOCATION AND UTILIZATION FOR FY 2011-2012

Code	Object	*Budget Allocation	Actual Utilization
71-1	Establishment Costs	1,689,036	1,548,283
71-20	Other Benefits/Honorarium for Program Evaluators	250,000	280,000
72-10	**TA/DA	410,753	500,135
72-14	***Transportation	100,000	108,345
72-2	Communication	40,000	38,670
72-31	Stationery & other supplies	60,000	63,620
72-32	Printing and Publications	58,000	57,000
72-37	***Other Misc. Expenses (OE & RM)	5,000	4,524
72-43	Computer & Office equipment	45,000	45,005
72-44	Furniture & Fixture	80,946	80,891
72-50	Audit Expenses	25,000	25,250
72-60	Publicity & Advertisement	80,000	80,783
72-63	Meetings/Seminars	9,000	9,100
Total		2,852,735	2,841,606

*** Budget Allocation details**

i. Opening balance as on July 01, 2011=Rs.527,574-Rs.74,247 payables of FY2010-11.	Rs. 453,327
ii. Grant received from HEC for FY 2011-12	Rs. 2,000,000
iii. Accreditation Fee received from Agriculture Institutions for FY 2011-12	Rs. 375,000
iv. Amount received against previous adjustments, etc	Rs. 24,408
Total	Rs. 2,852,735

** TA/DA including on-site visits of program evaluators, meetings, etc

*** Transportation (includes Car Rental, local travel charges, movement of goods)

Annexure-I

On-site visits of AICs for Accreditation /Rating of Degree Programs, 2011-12

S No	University/Department	Period of Inspection	Recommended Program Rating*	AIC Composition
University of Agriculture Faisalabad				
1.	Department of Livestock Mgt. AIC Report# 32	July 26-27, 11	Middle band of X with 72% score	1. Prof. Dr. Abrar Hussain Gilani (Rtd) 2. Dr Muhammad Abdullah, UVAS
Institute of Plant Pathology, University of the Punjab, Lahore				
2.	Institute of Plant Pathology, PU, Lahore AIC Report# 33	Oct 19-20, 11	Lower band of X with 66% score	1. Prof. Dr. M.Arif Chohan, KPK AUP 2. Dr. Muhammad Bashir, CSO (Rtd)
KPK Agricultural University, Peshawar				
3.	Department of Livestock Management AIC Report# 34	Nov 2-3, 11	Lower band of X with 68% score	1. Dr. Muhammad Younas UAF 2. Dr. M. Ashraf Mirza, CSO (Rtd)
4.	Department of Entomology AIC Report# 35	Nov 2-3, 11	Middle band of X with 70% score	1. Dr. Ghulam Jilani, CSO(Rtd) 2. Prof. Dr. M. Naeem, PMAS AAUR
5.	Department of Agri. Extension AIC Report# 36	Dec 1-2, 11	Middle band of X with 70% score	1. Prof. Dr. Noshad Khan, AIOU 2. Dr. Shafiullah Khan, DG (Rtd)
6.	Department of Agricultural Economics AIC Report# 37	Dec 1-2, 11	Middle band of X with 73% score	1. Prof. Dr. Abdul Salam, FUU 2. Prof. Dr. Sarfraz Mian, PMAS AAUR
Faculty of Agriculture, Rawalakot, AJK				
7.	Department of Entomology AIC Report# 38	Dec 22-23, 11	Lower band of X with 68% score	1. Dr. Ghulam Jilani, CSO (Rtd) 2. Prof. Dr. Farmanullah, Director QEC
University College of Agriculture & Environmental Sciences, Islamia University, Bahawalpur				
8.	Department of Soil Science AIC Report# 39	Jan 5-6, 12	Lower band of X with 67% score	1. Prof. Dr. Safdar Ali, PMAS AAUR 2. Prof. Dr. M. Abid, BZU, Multan
9.	Department of Agronomy AIC Report# 40	Jan 5-6, 12	Upper band of Y with 64% score	1. Dr. Rashid Ahmad Shad, CSO (Rtd) 2. Prof. Dr. M. Bismillah, BZU, Multan
University College of Agriculture, B.Z.U, Multan				
10.	Department of Agronomy AIC Report# 41	Feb 13-14, 12	Lower band of X with 69% score	1. Dr. Rashid Ahmad Shad, CSO (Rtd) 2. Dr. Abdul Khaliq, UAF
11.	Department of Soil Science AIC Report# 42	Feb 13-14, 12	Lower band of X with 68% score	1. Prof. Dr. Safdar Ali, PMAS AAUR 2. Prof. Dr. Moazzam Jamil, IU, BWPR
12.	Department of Entomology AIC Report# 43	Feb 15-16, 12	Middle band of X with 70% score	1. Dr. Ghulam Jilani, CSO (Rtd) 2. Prof. Dr. M. Naeem, PMAS AAUR

* B.Sc(Hons) and M.Sc(Hons) Degree Programs

On-site visits of AICs for Accreditation /Rating of Degree Programs, 2011-12

S No	University/Department	Period of Inspection	Recommended Program Rating*	AIC Composition
University College of Agriculture, B.Z.U, Multan				
13.	Department of Horticulture AIC Report# 44	Feb 15-16, 12	Middle band of X with 70% score	1. Prof. Dr. M. Jamil Ahmad , Rawalakot 2. Dr. Ishfaq A.Hafiz, PMAS AAUR
14.	Department of PBG AIC Report# 45	Feb 15-16, 12	Lower band of X with 68% score	1. Prof. Dr. M. Munir, PMAS AAUR 2. Prof. Dr. Dilnawaz Gardezi, Rawalakot
Sindh Agriculture University, Tandojam				
15.	Institute of Food Science and Technology AIC Report# 46	March 7-8, 12	Middle band of X with 71% score	1. Prof. Dr. Shahana Urooj, UoK 2. Dr. Aabid Hassnain, UoK 3. Dr. Saeed Akhter, BZU Multan
16.	Department of Entomology AIC Report# 47	March 7-8, 12	Lower band of X with 69% score	1. Dr. Ghulam Jilani, CSO (Rtd) 2. Prof. Dr. M. Naeem, PMAS AAUR
17.	Department of Agronomy AIC Report# 48	March 5-6, 12	Middle band of X with 70% score	1. Prof. Dr. M. Bismillah, BZU, Multan 2. Dr. Rashid Ahmad Shad, CSO (Rtd)
18.	Department of Soil Science AIC Report# 49	March 5-6, 12	Middle band of X with 70% score	1. Prof. Dr. M. Abid, BZU, Multan 2. Dr. Moazzam Jamil, IU, BWPR
University College of Agriculture, University of Sargodha, Sargodha				
19.	Department of Entomology AIC Report# 50	April 23-24, 12	Lower band of X with 69% score	1. Dr. Ghulam Jilani, CSO (Rtd) 2. Prof. Dr. M. Naeem, PMAS AAUR
20.	Department of Agronomy AIC Report# 51	April 23-24, 12	Upper band of Y with 64% score	1. Prof. Dr. M. Ashraf, PMAS AAUR 2. Dr. Rashid Ahmad Shad, CSO (Rtd)
21.	Dept. of Soil & Environmental sciences AIC Report# 52	April 23-24, 12	Middle band of X with 72% score	1. Prof. Dr. Safdar Ali, PMAS AAUR 2. Mr. Tahir Saleem, Ex-Project Director
22.	Department of Plant Pathology AIC Report# 53	April 25-26, 12	Upper band of Y with 62% score	1. Prof. Dr. M. Arif Chohan KPK AUP 2. Dr. Muhammad Bashir, CSO (Rtd)
23.	Department of Horticulture AIC Report# 54	April 25-26, 12	Upper band of Y with 60% score	1. Dr. M. Jamil Ahmed, Rawalakot 2. Dr. Ishfaq A. Hafiz, PMAS AAUR
24.	Depr. of Plant Breeding & Genetics AIC Report# 55	April 25-26, 12	Middle band of Y with 59% score	1. Prof. Dr. Dilnawaz Gardezi, Rawalakot 2. Dr. Shahid Masood, Sr. Director/CSO

Annexure-II

List of Participants of Sixth Council Meeting held on September 29, 2011

1	Dr. M.E. Tusneem Chairman National Agriculture Education Accreditation Council, Islamabad	2	Prof. Dr. Shahana Urooj Co-Chairperson-NAEAC University of Karachi, Karachi
3	Dr. Riaz Hussain Qureshi Advisor (HRD) Higher Education Commission, Islamabad	4	Prof. Dr. Muhammad Ashfaq Dean Faculty of Agriculture, University of Agriculture, Faisalabad
5	Prof. Dr. Muhammad Munir Dean, Faculty of Food & Crop Sciences, PMAS Arid Agriculture University, Rawalpindi	6	Prof. Dr. Muhammad Naem Dean Faculty of Crop Production KPK Agricultural University, Peshawar
7	Dr. Muhammad Ibrahim Keerio Prof & Dean Faculty of Crop Production Sindh Agriculture University, Tandojam	8	Dr. Mahmood Khan Director General Agriculture Research, Tarnab, KPK, Peshawar
9	Dr. Noor ul Islam Director General Ayub Agriculture Research Institute, Faisalabad	10	Dr. Shakeel Ahmed Khan Wheat Commissioner, M/o Food, Agri. & Livestock, Islamabad
11	Dr. Tariq Bashir Deputy Chief Pakistan Council for Science & Technology, Islamabad	12	Mr. Gul Nawaz Khattak Principal Agriculture Training Institute, KPK, Peshawar
13	Mr. Rana Kahlid Naseer Additional Secretary (Development), Government of Balochistan, Civil Secretariat, Quetta	14	Mr. Qazi Bashir Ahmed Principal Balochistan Agriculture College, Quetta
15	Dr. Muhammad Bashir Director (Rawalpindi) (Rep. of Additional Secretary, Planning (Agriculture), Lahore)	16	Mr. Fida Hussain Director General, QAA Higher Education Commission Islamabad. (HEC Representative)
17	Dr. Shahbaz Talib Sahi Professor of Plant Pathology, University of Agriculture, Faisalabad. (By Invitation)		

NAEAC MEMBERSHIP

<p>Dr. M.E. Tusneem Chairman -NAEAC National Agriculture Education Accreditation Council Higher Education Commission (HEC), Tel: 051-90802680 (office), Fax # 051-90802682, Cell# 0333-5504499, Email: mtusneem@gmail.com</p>	<p>Prof. Dr. Shahana Urooj Co- Chairperson, NAEAC and Head– Immunology and Infectious diseases Research Laboratory, University of Karachi Off# 021-99261389, Fax: 021-99261342 Cell: 0300-8297324, Email:shahanaurooj@yahoo.com</p>
<p>1-Prof. Dr. Riaz Hussain Qureshi Advisor (HRD) Higher Education Commission (HEC), Sector H-9, Islamabad. Off# 051-90400400, Fax# 051-90400403 Cell# 0300-5071063, Email: rqureshi@hec.gov.pk</p>	<p>2-Prof. Dr. Muhammad Ashfaq Dean Faculty of Agriculture, University of Agriculture, Faisalabad Off# 041-9200581, 9200161-70 /2900 Cell# 0333-8371619 Email: deanagriuf@yahoo.com</p>
<p>3-Prof. Dr. Safdar Ali Dean, Faculty of Crop & Food Sciences, PMAS Arid Agriculture University, Rawalpindi Off# 051-9062226, 9290153 Fax# 051-9290160, Cell# 0300-5817868 Email: asafdar@brain.net.pk</p>	<p>4- Prof. Dr. Mian Inayatullah Dean Faculty of Crop Protection KPK Agricultural University, Peshawar Ph# 091-9216551, Fax# 091-9216520, Cell# 0300-9026899, Email:miansb2003@yahoo.com</p>
<p>5-Dr. Shamasuddin Tunio Prof. & Dean Faculty of Crop Production Sindh Agriculture University, Tandojam Off# 0222-765870-Ext -351, Fax#022-2765300 (VC) Cell# 0344-3421375, Email: tunio@hotmail.com</p>	<p>6- Dr. Abdul Jabbar Malik Dean Faculty of Crop & Plant Sciences, Lasbela University of Agriculture, Lasbella Off# 0853-610923, Fax# 0853-610294, Cell# 0323-2440637, Email: dr.aj_malik@yahoo.com</p>
<p>7-Dr. Tariq Bashir Deputy Chief (Science) Pakistan Council for Science and Technology (PCST) Sector G-5/2, Islamabad. Off# 051-9217316, Fax# 051-9205171 Cell# 0300-5069727, Email: pcst@isb.comsats.net.pk</p>	<p>8-Dr. Shakeel Ahmad Khan Wheat commissioner House # 291, Street# 80, G-11/2, Islamabad Off# 051-9202602 Cell#0300- 9856076, 0331-4414651 Email: kshakeel93@yahoo.com</p>
<p>9-Dr. Noor-ul-Islam Director General, Ayub Agriculture Research Institute, Faisalabad Ph# 041-9201671, Fax# 041-9201673 Cell# 0300-7686552 Email: dgaraari@yahoo.com</p>	<p>10-Dr. Atta Soomro Director, Agriculture Research Institute, Tandojam Ph# 0222-765697 Cell# 0333-2612190 Email: attasmr@yahoo.com</p>

NAEAC MEMBERSHIP

<p>11-Mrs. Sumaira Samad Additional Secretary, Planning (Agriculture) Agriculture Department, Government of Punjab, Civil Secretariat, Lahore Ph# 042-99210332, Fax#042-99210127 Cell# 0344-9176463, Email: sumairasamad@yahoo.com</p>	<p>12-Mr. Qazi Bashir Ahmed Secretary Agriculture, Govt. of Balochistan, Quetta Ph# 081-9201261, Fax# 081-9201805, Cell# 0322-8521173, Email: jalil73@yahoo.com</p>
<p>13- Dr. Nihal-u-ddin Marri (Agronomist) Sugarcane Specialist Directorate General of Agriculture Research Sindh, Tandojam, District Hyderabad Ph# 0222-766275, Fax#0222-765504 Cell# 0302-3204064, Email: marinihaluddin@yahoo.com</p>	<p>14-Mr. Gul Nawaz Khattak Principal Agriculture Training Institute, Peshawar Ph# 091-9216259, Fax#091-9216372 Cell# 0300-5857393, Email: vicki_vs2000@yahoo.com</p>
<p>15- Dr. Abdul Samad D.G. Research Agriculture Research Institute Tarnab, Peshawar Ph# 091-2964030, Fax# 091-2964097 Cell# 0302-5536523, E-mail: shakeelnl@yahoo.com</p>	<p>16-Mr. Muhammad Anwar Sheikh Director General Agriculture Research Institute, Quetta Ph# 081-2470079, Fax# 081-2470078 Cell# 0300-3895028, Email:meersheikh@yahoo.com</p>
<p>17- Mr. Taufiq Ahmed Khan REAP, Ahmed Associates, 176- Upper Mall, Lahore Ph# 042-35758204, Fax# 042-35761146 Cell# 0312-4768301 Email: tkhandiamond@hotmail.com</p>	<p>18-Mr. Waseem Amjad Mahmood Secy. Pak. Fruit Processors Association, Shezan Intl. Ltd, 56 Bund Road, Lahore. Ph# 042-37466900-4, Fax# 042-37466895 Cell# 0332-8428363 Email: waseem.mahmood@shezan.com</p>
<p>19- Mr. Sheikh Muhammad Akber Chief Executive M/S Acro Spinning and Weaving Mills Ltd 106/3, Saint Johns Park, Lahore Cantt. Lahore Ph# 042-111-252-252, Fax# 042-36617290, Cell# 0300-8446446, Email: nadeem@amjadtextile.com</p>	<p>20- Mr. Iskandar M. Khan Director, Premier Sugar Mills & distillery Co. Ltd, 20-A, Markaz, F-7, Islamabad Ph# 051-2650805-7, Fax# 051-2651285-6 Cell# 0300-8555028 Email: iskander@premiergroup.pk.com</p>

PRESS RELEASES

A Magazine of Higher Education Commission-Pakistan

NEWS & VIEWS

January 2012

Commission Events

NAEAC Accreditation Inspection Committee Visits IUB, Rawalakot

The Accreditation Inspection Committee (AIC) of National Agriculture Education Accreditation Council (NAEAC) recently visited the University College of Agriculture and Environmental Sciences, Islamia University of Bahawalpur.

External evaluation and accreditation of the agriculture degree programmes is the primary function of NAEAC, which has so far carried out on-site visits of more than 70 degree programmes at University of Agriculture, Faisalabad, Arid Agriculture University, Rawalpindi and KPK Agricultural University, Peshawar.

The on-site visit of the degree programmes of the University College of Agriculture and Environmental Sciences, IUB was carried out by two AICs one each for Agronomy and Soil Science. Accreditation/rating process was carried-out through external assessment/evaluation of the degree programmes by AICs, comprising experts/programme evaluators.

The visit commenced with an overview of the degree programmes by the Heads of Departments followed by examination of record and documents of course files, review reports, records of meetings of BOS and BOF, assessment instruments, admission and withdrawal policies, dropouts, average CGPAs, average intake, yield



index, a detailed visit of teaching and research laboratories, greenhouse and experimental farms. Besides interaction with each faculty member, meeting with the groups of undergraduate and graduate students were also organized to obtain their views about the on-going degree programmes. Participatory SWOT Analysis with all the faculty members as well as undergraduate and graduate students was conducted to validate the SAR Contents. Meetings were held with members of technical and support staff, alumni and the peers.

Similarly, the AIC also carried out on-site visit of the degree programmes of the Department of Entomology, Faculty of Agriculture, University of AJK at Rawalakot to evaluate and accredit the degree programmes. The Committee comprised Dr. M. E. Tusneem, Chairman NAEAC and two experts/programme evaluators including Dr. Ghulam Jilani and Dr. Farmanullah.

PRESS RELEASES

A Magazine of Higher Education Commission-Pakistan

NEWS & VIEWS

April 2012

Commission Events

NAEAC Inspection Committees Visit BZU, SAU



The Accreditation Inspection Committees (AICs) of the National Agriculture Education Accreditation Council (NAEAC) recently visited the University College of Agriculture, Bahauddin Zakariya University (BZU), Multan and Sindh Agriculture University (SAU), Tandojam.

The first on-site visit of the degree programmes of University College of Agriculture, BZU was carried-out in February 2012 for four days by five AICs, one each for Agronomy, Soil Science, PBG, Horticulture and Entomology, while the four-day visit of the degree programmes of SAU was conducted in March 2012. Four AICs, one each for Agronomy, Soil Science, Entomology and Food Science and Technology were constituted by the Chairman NAEAC.

External assessment/ accreditation process has been carried-out through validation of SAR of the degree programmes as well as an

objective assessment of the human, physical, financial resources and facilities available for the degree programmes of BSc and MSc (hons).

AICs comprise 2-3 experts/programme evaluators, which are approved by the competent authority and work independently. Deans and Heads of Departments are taken on board for all the decisions regarding the on-site visit.

The on-site visit commenced with an overview of the degree programmes given by each HOD and was followed by an examination of record and documents of course files, course review reports, records of meetings of Board of Studies and Board of Faculty, assessment instruments, admission and withdrawal policies, dropouts, average CGPAs, average intake, yield index etc., detailed visit of the teaching and research laboratories, availability of

textbooks, journals in the departmental and main library and greenhouse and experimental farms.

Besides interaction with each faculty member, meeting with the groups of undergraduate and graduate students were organized to obtain their views about the on-going degree programmes. Meetings were also held with the members of technical and support staff, alumni and the peers. AICs also held meetings with the Deans and the Vice Chancellors and shared salient findings of the evaluation and accreditation process of the degree programmes.

The Council ensures transparent, neutral and unbiased external evaluation and accreditation process by the concerned experts. Efforts are made to carry-out the accreditation process in a participatory mode and transparent manner to share the findings and recommendations of AICs by all the stakeholders.

PRESS RELEASES

NEWS & VIEWS

Higher Education Commission, Pakistan

May 2012

Commission Events

is in its final shape with new added features. More scholarships, partial supports, trainings and establishment of

Students Facilitation and Job Centres have been proposed. The focal persons of the participating universities

thanked the Higher Education Commission for going the extra mile to support studious but deserving students.

Quality Assurance and Accreditation Awareness ----- Seminar at AUP Mardan -----



The National Agriculture Education Accreditation Council (NAEAC) has planned at least four awareness seminars during 2011-12 at agriculture education institutions of Pakistan.

So far, the Council has organized about 15 awareness seminars for the stakeholders (students, faculty, media) to apprise and sensitize them regarding the significance of accreditation process for quality assurance, learning innovations and capacity building. The recent awareness seminar was organized at Agricultural University, Peshawar (AUP),

Amir Muhammad Khan Campus, Mardan. Speaking on the occasion, the Secretary, NAEAC highlighted the mandate, role, functions and scope of NAEAC, composition of NAEAC membership as

So far, the Council has organized about 15 awareness seminars for the stakeholders (students, faculty, media) to apprise and sensitize them regarding the significance of accreditation process for quality assurance, learning innovations and capacity building.

well as the details of the accreditation process.

Dr. M. E. Tusneem, Chairman, NAEAC presented a brief overview of the activities and achievements of the Council

during the past four years. The benefits of accreditation, rating of degree programmes and accreditation outcomes were also deliberated upon.

The participants of the seminar included faculty members and students of the Campus.

Dr. Dawood Jan, Campus Project Director, gave a presentation on various aspects of the programmes of AMK Campus, Mardan.

He escorted the visitors to the proposed site of the Campus and highlighted various components of the University complex.

PRESS RELEASES

NEWS & VIEWS

Higher Education Commission, Pakistan

June 2012

Commission Events

NAEAC Reviews Degree Programmes
of Agriculture College, Sargodha

A team of the National Agriculture Education Accreditation Council (NAEAC) recently conducted a four-day visit of the University College of Agriculture, University of Sargodha for external evaluation and accreditation of the agriculture degree programmes.

The accreditation process was carried-out based on Self-Assessment Report (SAR) of the degree programmes as well as an objective assessment of the human, physical, financial resources and facilities available for the conduct of degree

programmes. Six Accreditation Inspection Committees (AICs), one each for Agronomy, Soil Science, Entomology, P B G, Horticulture and Plant Pathology were constituted for this purpose.

The visit commenced with an overview of the degree programmes given by HoDs followed by examination of record and documents of course files, review reports, records of meetings of Board of Studies and Board of Faculty, assessment instruments, admission and withdrawal policies, dropouts, average CGPAs,

average intake, yield index etc. There was a detailed visit of the teaching and research laboratories, availability of textbooks, journals in the departmental and main library, greenhouse and experimental farms. Besides interaction with each faculty member, meetings with the groups of undergraduate and graduate students and other stakeholders including alumni were organized to obtain their views about the on-going degree programmes.

Participatory SWOT Analysis based on discussions with all the faculty members as well as undergraduate and graduate students was carried-out to validate the contents of SARs. The Council ensures transparent and unbiased external evaluation based on participatory accreditation process by the concerned experts and shares the findings and recommendations of AICs with the stakeholders.

PRESS RELEASES



Sargodha varsity six depts get accreditation

SARGODHA: National Agriculture Education Accreditation Council and Higher Education Commission of Pakistan (HEC) teams visited University College of Agriculture, University of Sargodha for accreditation of different disciplines of the college. The accreditation of six departments Agronomy, Entomology, Plant Pathology, Soil Science, Horticulture and Plant Breeding and Genetics was given. Committee of each department inspected the college building, visited research labs, computer lab, library and research area. The committees also evaluated the academic activities, faculty students interaction, publications of faculty, quality of education, fiscal allocation, adequacy of lab staff/lab material and curricula revision. The members of different committees included Dr Ghulam Jilani, Dr Muhammad Naeem, Dr Muhammad Ashraf, Dr Keshid Ahmad Shah, Dr Tahir Saleem, Dr Saifdar Ali, Dr Muhammad Junaid Almasud, Dr Ishaq Ahmad Ishaq, Dr Muhammad Arif Chohan, Dr Muhammad Bashir, Dr Dittwanzo Gurdasi and Dr Shahid Masood. Naeem Alam Khan, secretary NAEAC, and Malik Kashif Anwar, coordinator, represented managed the whole activity. —PR

www.express.com.pk



ایچ ای سی کی انسپکشن کمیٹی کا کالج آف ایگریکلچر کا دورہ

سگودھا (خبرنگار) پانچویں انسپکشن کمیٹی کی انسپکشن کمیٹی نے یونیورسٹی کالج آف ایگریکلچر سگودھا یونیورسٹی کا دورہ کیا۔ اس موقع پر ڈین تعلیمی ڈاکٹر محمد افضل پرنسپل ڈاکٹر ظفر اقبال اور ڈاکٹر عبدالرشید نے وفد کو کالج میں موجودہ اور مستقبل کے پروگراموں کے بارے میں آگاہ کیا اور بتایا کہ اس وقت ایگریکلچر کالج میں جاری پروگرام مارکیٹ کے ضرورت کے مطابق شروع کئے گئے۔

AIC visit of University of Sargodha



Awami Awaz (08-03-2012), AIC visit to SAU, Tandojam



AIC visit to UCA, BZU, Multan

PRESS RELEASES

INTERNATIONAL
THE NEWS
Wednesday
April 11, 2012

allowed to pay on the roads.
TAKHT BHAI: The transporters observed a complete wheel-jam strike and blocked Malskand Road for traffic to protest the skyrocketing prices of the petroleum products in the country. The protesting transporters were led by their association's president, Masat Khan and general secretary Abdur Rahman.

NEWSHERA: Transporters observed wheel-jam strike and blocked the Grand Trunk road. The protesters packed trucks on the GT Road near Khambad ridge and blocked traffic. The transporters threatened to continue the protests till the petroleum prices are lowered.

er issue

and no regrets, as it was a "matter of honour" for him, saying his father had engaged Ayesha to a defunct man. City Police Station house Officer Khurshid Tanoli told reporters that a case was registered against the accused. He said the accused had confessed to have committed the crime.

Central Headquarters hospital for an autopsy.

NAEAC to hold seminars
Bureau report

PESHAWAR: The National Agriculture Education Accreditation Council (NAEAC) has planned four awareness seminars during its work-plan of 2011-12 at the agriculture education institutions all over Pakistan.

A press release Tuesday said that the council organised five awareness seminars for the stakeholders at five agriculture education institutions to apprise and sensitize the students, faculty and media regarding the significance of accreditation process for quality assurance, learning innovations and capacity building.

With this aim an awareness seminar at Agricultural University Amir Muhammad Khan Campus Mardan was organised on April 5 where the speakers highlighted the mandate, role, functions, and scope of NAEAC and its composition.

Earlier, Project Director Dr Dawood Jan presented progress of the campus.

اللہ ہی کیلئے ہیں مشرق و مغرب القرآن

DAILY MASHRIQ PESHAWAR

پشاور
عہدہ کے بانی
سید تاج میر شاہ
روزنامہ

مشرق

مستقل اشاعت کے 45 سال

پشاور ڈورسلا آباد سے بیک وقت شائع ہونے والا کثیر الاشاعت قومی اخبار

ABC CERTIFIED

جلد 45
بدھ 18 جمادی الاول 1433ھ 11 اپریل 2012ء قیمت 10 روپے

زرعی یونیورسٹی سب کمیٹیس مردان کے زیر اہتمام ایک روزہ سیمینار

کواٹری کی بہتری اور ایکریڈیشن کے حوالے سے آگاہی پیدا کرنے کے موضوع پر روشنی ڈالی گئی

پشاور (سپیس رپورٹر) زرعی یونیورسٹی کے ایمر محمد ایکریڈیشن کے حوالے سے آگاہی پیدا کرنے کے خان سب کمیٹی مردان پشور ایکریڈیشن ممبران کی طرف سے ایک روزہ سیمینار ایکریڈیشن کونسل کے زیر اہتمام کواٹری کی بہتری اور (بقیہ 40 صفحہ 10)

بقیہ نمبر 40 زرعی یونیورسٹی

مستند ہوا اس موقع پر کمیٹی کے پراجیکٹ ڈائریکٹر ڈاکٹر داؤد جان ابن اسے ای سے ای کے چیئرمین ڈاکٹر ایم ای نسیم پروفیسر ڈاکٹر نسیم سمیت مختلف ڈیپارٹمنٹس کے چیئرمین کواٹری انہما سمیت سیل کے علاوہ طلباء و طالبات کی بڑی تعداد بھی موجود تھی۔ سیمینار سے خطاب میں سیکرٹری ابن اسے ای نے سبھی نے مہمان مقرر کی حیثیت سے شرکاء کو موضوع کی اہمیت سے تفصیلی آگاہ کیا آخر میں سوال و جواب کا سلسلہ بھی ہوا۔

ANNUAL AUDIT REPORT OF NAEAC ACCOUNTS 2011-12



Zia Masood Kiani & Co.
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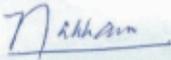
AUDITORS' REPORT TO THE SECRETARY

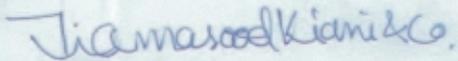
We have audited the annexed receipt and expenditure statement of the National Agriculture Education Accreditation Council (NAEAC) for the year ended June 30, 2012 together with the notes forming part thereof (here-in-after referred to as this statement for the year then ended).

It is the responsibility of the NAEAC management to establish and maintain a system of internal control, and prepare and present the statement in conformity with the cash receipt and expenditure basis. Our responsibility is to express an opinion on the statement based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the statement is free of material misstatement. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the statement. An audit also includes assessing the accounting policies used and significant estimates made by management, as well as evaluating the overall presentation of statements. We believe that our audit provides a reasonable basis for our opinion.

In our opinion the statement presents fairly, in all material respects, the cash receipt and expenditure of the NAEAC for the year ended June 30, 2012.


ISLAMABAD
Date: July 10, 2012


ZIA MASOOD KIANI & CO
Chartered Accountants

Engagement Partner
Zia Ullah -ACA



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NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL
RECEIPT AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED JUNE 30, 2012

	Notes	<u>2012</u> <u>(Rupees)</u>
Receipts	2	2,375,000
Expenditures		
Establishment Costs		1,548,283
Other Benefits / Honorarium for Program Evaluators		280,000
TA/DA		500,135
Transportation		108,345
Communication		38,670
Stationary and other supplies		63,620
Printing and publication		57,000
Other Miscellaneous expenses (OE & RM)		4,524
Computer and office equipment		45,005
Furniture and fixture		80,891
Audit expenses		25,250
Publicity and advertisement		80,783
Meeting and seminars		9,100
		2,841,606
Excess of receipts over expenditure		<u>(466,606)</u>

The annexed notes from 1 to 5 form an integral part of these financial statement


Secretary


Finance Officer

PICTURE GALLERY

KPK Agricultural University, Peshawar



AIC Visit to Dept. of Livestock Management, KPK Agricultural University, Peshawar



AIC Visit to Dept. of Entomology, KPK AUP



AIC Visit to Department of Agricultural Economics, KPK AUP

PICTURE GALLERY

UCA & Environmental Sciences, The Islamia University, Bahawalpur



AIC Visit to Dept. of Agronomy, UCA, IUB

UCA, University of Sargodha, Sargodha



Visit of AICs to UCA, University of Sargodha, Sargodha

PICTURE GALLERY



Awareness Seminar at Amir Muhammad Khan Campus, KPK AUP



Sixth Council Meeting of NAEAC

National Agriculture Education Accreditation Council (NAEAC)
NAEAC Secretariat, Old Comsats Building, H-8/1
Higher Education Commission (HEC), Islamabad
www.naeac.org