



ANNUAL REPORT 2015-2016

**National Agriculture Education
Accreditation Council
of the
Higher Education Commission, Government of Pakistan**

ABOUT NAEAC

National Agriculture Education Accreditation Council (NAEAC) was established in 2006 by Higher Education Commission (HEC) vide notification 1-4/AGR/QAA/2006-07 dated February 11, 2006 with the mandate to implement a comprehensive program of quality assurance and accreditation of agriculture degree programs in private and public sector agriculture education institutions in Pakistan.

Accreditation of degree programs is mandatory for all academic programs offered by public and private sector institutions. The purpose of such accreditation is to assure quality and enhance recognition of the education institutions among the agriculture community and prospective employers. All institutions in Pakistan which provide a recognized agriculture degree are required to apply to the Council to have their degree programs accredited. The NAEAC is responsible for the accreditation of educational degree programs in all 16 disciplines of agriculture reported in the bye-laws.

There is growing recognition of the importance of accreditation in developing countries to undertake quality assessment and improvement on continuing basis in order to sustain high standard of higher education. The countries and institutions which implement quality assurance program are able to produce graduates which are better qualified and more employable in a competitive market environment.

The major functions of the National Agriculture Education Accreditation Council are to:

- Plan and implement a comprehensive program of accreditation of agriculture programs leading to degrees/diplomas based on HEC approved standards, procedures and evaluation criteria, and publish a list of ranking of degree programs.
- Implement accreditation policies, processes, and procedures for selection of program evaluators.
- Approve the list of evaluators selected based on HEC approved criteria to participate in the process of accreditation of academic programs; and to constitute Accreditation Inspection Committees (AICs) from approved list of evaluators.
- Prepare and upgrade program evaluator's training manual/self-study material, questionnaire, forms and templates.
- Collect information and statistics on accredited programs of higher education of agriculture and its respective institutions and publish them as deemed necessary.
- Provide feedback to HEC and the heads of the agriculture higher education institutions on the quality and accreditation ratings of their programs and recommendations for improvement.

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ACRONYMS

BAC	Balochistan Agriculture College
BKU	Bacha Khan University
BOF	Board of Faculty
BOS	Board of Studies
BZU	Bahauddin Zakariya University
FST	Food Science and Technology
GCU	Govt. College University
GCUW	Govt. College University for Women
HEC	Higher Education Commission
HOD	Head of Department
IAGS	Institute of Agricultural Sciences
IFPRI	International Food Policy Research Institute
IT	Information Technology
JUW	Jinnah University for Women
KIU	Karakoram International University
KPK	Khyber Pakhtunkhwa
MNSUA	Muhammad Nawaz Sharif University of Agriculture
NTUF	National Trade Unions Federation Pakistan
PBG	Plant Breeding and Genetics
PCSIR	Pakistan Council of Scientific and Industrial Research
PE	Program Evaluator
PMAS AAUR	Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi
QAA	Quality Assurance Agency
SAR	Self Assessment Report
SWOT	Strengths, Weaknesses, Opportunities and Threats
TTS	Tenure Track System
UCA	University College of Agriculture
UOH	University of Haripur

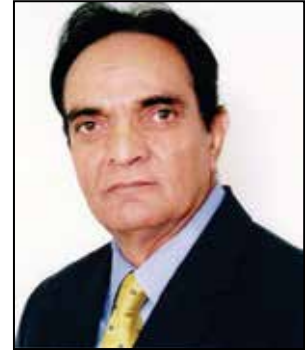
CONTENTS

		Page
	<i>Chairman's Message</i>	
	<i>Executive Summary</i>	i
I	Introduction	1
II	Accreditation Activities	1
III	Zero Visits	37
IV	Review Meetings with Institutions	41
V	Accreditation Awareness Seminars	46
VI	Council Meetings	47
VII	Roster of Program Evaluators	48
VIII	Proposed Work Plan and Budget for FY 2016-17	49
Annexures		
I	NAEAC Membership	52
II	Minutes of 11 th Meeting of NAEAC	53
III	AIC Evaluation Rating of Degree Programs, 2015-16	58
IV	Annual Audit Report of NAEAC, 2015-16	68
V	Press Releases	72
	Picture Gallery	74

Chairman's Message

It is my pleasure to submit the Annual Report of the National Agriculture Education Accreditation Council (NAEAC) for the fiscal year 2015-16.

I am pleased to report on the outcome of the results of external evaluation and accreditation of agriculture degree programs as of mid 2016. NAEAC initiated its accreditation activities in FY 2008-09 and completed the first round of external evaluation and ratings by 2012-13 covering 170 degree programs in 16 disciplines of Agriculture offered by 13 institutions. Of these 68 percent were rated in satisfactory categories of W and X, and 32 percent in less than satisfactory categories of Y and Z.



As of 30 June 2016, it has completed 299 degree programs offered by 31 institutions. Of these 49 percent have been rated in satisfactory categories W and X and the remaining 51 percent in less than satisfactory categories of Y and Z. Further analysis indicate that percentage of the satisfactory programs in the 13 institutions covered under the first round is 68 per cent; and in the remaining 18 newly established institutions covered between 2013-16 is 22 per cent. The main reason of decline in satisfactory rating is therefore due to the poor performance of the newly established institutions (18 of 31 institutions) comprising the new campuses, colleges, and faculties of Agriculture. The external evaluation reports indicate that majority of the newly established institutions suffer from major weaknesses such as lack of adequate physical facilities, budget, and faculty. They are currently offering 129 degree programs of which 78 per cent are rated substandard.

The NAEAC have held a series of meeting to discuss the issues relating to the poor performance of new institutions and significant overall decline in the quality of agriculture education with the Vice Chancellors, Deans, and Heads of Departments of the institutions concerned. There is a consensus on the need to take the following steps to reverse this trend in order to achieve a respectable level of quality assurance in all institutions.

- i. Immediate action on the part of the concerned institutions to either improve the quality of the degree programs rated in Y and Z categories within a period of one to two years or drop these programs and make more resources available for good quality programs.

- ii. NAEAC to make the “Parent and Student Alert” issued through the Publication Directorate of HEC about the accreditation status of the existing agriculture education institutions and the ratings of their degree programs more specific and transparent so that the prospective students and their parents are fully aware of the current status of the accreditation of the institutions and evaluation ratings of their degree programs.
- iii. Another major constraint to quality improvement is the student intake policy of the education institutions--implicitly endorsed by HEC by linking budget with the number of students. Each year, the intake of new students is reportedly being increased by 10-20% without taking into consideration the absorptive capacity of the institution in terms of budgetary resources, faculty, and physical infrastructure. To discourage this practice, it is proposed to link HEC’s budget allocation with the accreditation ratings rather than the number of students.
- iv. NAEAC fully recognizes the need for better access to agriculture education, however it believes that increased access should be consistent with the available resources and compliant with quality assurance standards set by the HEC.

The Council meeting held on October 26, 2015 expressed concerns on the establishment of new agriculture education institutions driven by political considerations. It also emphasized the need for HEC to link its approval of new institutions and degree programs with the availability of commensurate resources. At present, the newly established campuses have neither an adequate faculty nor physical infrastructure. As such about 80 percent of their degree programs are rated sub-standard. It is therefore strongly recommended that provision of adequate budget, strength and quality of faculty, and the requisite physical infrastructure should be a pre-requisite for establishment of new institutions and start of degree programs.

Lastly, I take this opportunity to acknowledge the support of the HEC Management and the excellent cooperation of the Vice Chancellors, the Deans, and HODs of agriculture institutions concerned including their QECs. I also commend the excellent work of NAEAC staff and the external evaluators/experts. My special thanks are to the NAEAC Secretary and Deputy Director (Admin. & Finance) for their commitment and hard work in achieving the annual operational targets and exercising due diligence and financial prudence in the use of human and financial resources.



Dr. M. E. Tusneem
Chairman, NAEAC

Executive Summary

National Agriculture Education Accreditation Council (NAEAC) is one of the five accreditation Councils of Higher Education Commission and is mandated to accredit agriculture degree programs (B.Sc. and M.Sc.) of all the Agriculture Education Institutions in Pakistan. The overall objective of the external assessment and accreditation process is to improve the quality of higher education, enhance the capacity of institutions, and upgrade the academic and physical infrastructure to achieve and sustain academic excellence. The Council ensures implementation of an objective and unbiased external evaluation and accreditation of the degree programs by the concerned experts.

During Financial Year 2015-16, main focus of the accreditation activities was on the previously evaluated but non-accredited and sub-standard degree programs rated in category Y and Z. About 68 such degree programs in 16 agriculture institutions were re-evaluated to assess the progress made on recommendations for the up-gradation of infrastructure, learning resources and facilities. In this regard, the Council carried out 19 on-site visits comprising 16 accreditation and 3 zero visits¹. The external evaluation/accreditation covered 68 degree programs in the provinces of Punjab (36), Sindh (1), KPK (13), Balochistan (8), Gilgit Baltistan (2) and AJ&K (8). Overall, the Council evaluated all the 299 degree programs offered by 31 institutions as of 30 June 2016.

The Council's focus of the accreditation activities during the upcoming 2016-17 will continue on the previously evaluated but non-accredited degree programs due to their sub-standard ratings (i.e. in Y and Z categories). Out of 54 such degree programs, 38 programs in eight agriculture institutions are identified during 2016-17 for re-visit and re-evaluation to enable them seek necessary grants/funds for up-gradation of infrastructure, learning resources and facilities. Besides, re-visit of sub-standard degree programs, 16 degree programs shall be externally evaluated and accredited during the second phase of the accreditation cycle from December, 2016.

The purpose of awareness seminars is to explain the process, procedure, and other pre-requisites of accreditation to the stakeholders. It is an ongoing activity of the Council. NAEAC has organized and conducted 38 awareness seminars as of 30 June 2016 covering

¹ Zero visits are meant to assess the level of planning and preparation of the Agriculture Education Institutions for initiating new degree programs

all the agriculture education institutions in Pakistan. During 2015-16, four such awareness seminars were conducted one each at Hazara University; University of Sargodha – Lyallpur Campus, Faisalabad; PMAS AAU, Rawalpindi – Attock Campus; and GCU – Faisalabad, Sahiwal Campus.

A series of review meetings with major institutions were held during 2015-16 with the objective to monitor the implementation status of the accreditation recommendations made and improvement of the quality of the agriculture education degree programs. These covered recommendations relating to teaching faculty, curriculum, infrastructures, teaching-learning resources and associated facilities listed under accreditation criteria and standards. During 2015-16, three review meetings were organized at SAU, Tandojam; University of Sargodha and BZU, Multan. All these meetings were chaired by the Vice Chancellors and attended by Deans and HoDs of all agriculture disciplines. Consensus-oriented summary recommendations were shared with all concerned. Three review meetings are planned for FY 2016-17.

With the objective of capacity building of evaluation experts on NAEAC roster, a three day training workshop was organized from July 29-31, 2015 at Islamabad. The Resource person was Prof. Dr. Jianxin Zhang, Director, Research Institute of Higher Education in Yunnan University, Kunming, Yunnan Province, China. The main objective of the workshop was to discuss the best practices and methodologies of external evaluation/accreditation followed in the Asian and Pacific countries and to discuss participatory SWOT analysis and NAEACs' practices of external peer review. The Resource person commended the rigorous evaluation and peer review procedure followed by NAEAC and the quality of its accreditation ratings. She appreciated the interest and commitment of the participants during the workshop deliberations. The PEs also highly valued the training material and its delivery and expressed their satisfaction on the teaching – learning process.

I. Introduction

NAEAC's mandate is to improve the standard and quality of agriculture degree programs based on established policies, procedures and criteria prescribed by HEC. Its mission is to develop and implement sustainable mechanism of quality assurance to meet emerging challenges of knowledge economy and global competitiveness. The Council organizes and undertakes accreditation of degree programs. Develops and maintains a roster of Experts/Program Evaluators and makes the ranking and rating of accredited degree programs public through Parent and Student Alert for their guidance in the selection of Agriculture Education Institutions for their undergraduate and graduate studies.

II. Accreditation Activities

2. During Financial Year 2015-16, main focus of the accreditation activities was on the previously evaluated but non-accredited and sub-standard degree programs rated in category Y and Z. About 68 degree programs in 16 agriculture institutions were evaluated for re-evaluation to review the progress made on recommendations for the up-gradation of infrastructure, learning resources and facilities. Besides, re-evaluation of 38 sub-standard degree programs during 2016-17, as many as 16 degree programs shall be externally evaluated and accredited by NAEAC in the second phase of the accreditation cycle. Detail of the on-site visits and evaluation outcomes are given below. A summary of the evaluation and rating is given in Annexure-III.

A. Karakorum International University (KIU), Gilgit

Summary of AIC Visit

Discipline	Food Science and Technology
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Experts/Program Evaluators	Prof. Dr. Muhammad Faqir Anjum Prof. Dr. Alam Zeb
Date of Visit	August 20 – 21, 2015
Aggregate Score	58 percent
Rating	Y ₂

Strength: Adoption of HEC approved curriculum of 142 credit hours for B.Sc. (Hons).

Weaknesses: (i) Shortage of senior and Ph.D. qualified faculty; (ii) inadequate labs. and shortage of machinery and tools for food processing and preservation; (iii) insufficient text books/reference books and research journals; (iv) lack of internship program in the final semester of B.Sc. (Hons); and (v) limited study tours and field trips.



Visit of AIC to KIU, Gilgit

AIC Recommendations: (i) Immediate induction of at least two more Ph.D. and two M.Sc. (Hons) qualified and experienced faculty; (ii) Purchase of equipment/small machinery, tools, utensils and containers for food processing; (iii) Latest editions of recommended text books and journals be procured; (iv) Need for Practical training of students to work in food industries; (v) Faculty and students to be encouraged to attend seminars and conferences; (vi) Encourage linkages with Food industry and other teaching departments of Food Science.

B. Balochistan Agriculture College (BAC), Quetta

1. Summary of AIC Visit

Discipline	Plant Breeding & Genetics
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Abdul Jabbar Malik
Date of Visit	September 7 – 8, 2015
Aggregate Score	53 percent
Rating	Y ₃

Weaknesses: (i) Lack of Ph.D. qualified, senior and well experienced faculty members of associate and professor level; (ii) shortage of laboratory equipment including biotechnology and tissue culture; (iii) shortage of class rooms and faculty offices; (iv) limited opportunities for higher education and teachers training;

(v) non-availability of qualified and trained lab. staff; and (vi) insufficient text books and reference books as well as inadequate research facilities and resources.

AIC Recommendations: (i) At least three more Ph.D. qualified and experienced faculty be inducted; (ii) Shortage of equipment of existing lab and labs including Bio-tech and tissue culture; (iii) Establish faculty offices and class rooms: (iv) Purchase recommended textbooks and reference material; (v) Establishment of experimental farm with needed farm implements.

2. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Mustajab Ahmed Khan
Date of Visit	September 7 – 8, 2015
Aggregate Score	62 percent
Rating	Y ₁

Weaknesses:

(i) None of faculty members is Ph.D. qualified, a few are even with bachelor's degree; (ii) serious shortage of needed labs. and lab. equipment; (iii) very few recommended text books of latest editions; (iv) non-existence of IT



Visit of AIC to BAC, Quetta

facilities including internet, multimedia, digital library; and (v) no well-established research farm equipped with farm machinery and implements.

AIC Recommendations: (i) A professor level highly qualified and experienced faculty be hired; (ii) Procurement of equipment like atomic absorption spectrophotometer, flame photometer; (iii) Provision of research journals and internet facility; (iv) Glass and green house facilities to be arranged; (v) College be connected with HEC/other universities digital libraries for which internet facility with 50 MB or more speed is needed.

3. Summary of AIC Visit

Discipline	Soil Science
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Mustajab Ahmed Khan
Date of Visit	September 7 – 8, 2015
Aggregate Score	64 percent
Rating	Y ₁

Strength: Field trips and study tours conducted regularly.

Weaknesses: (i) Insufficient, young and inexperienced teaching faculty; (ii) lack of lab. equipment for undergraduate and graduate students; (iii) grossly inadequate IT facilities; (iv) very limited text books, reference books and reference material; (v) shortage of farm machinery, implements and well planned research farm; and (vi) paucity of operational budget for labs., library and research farm.

AIC Recommendations: (i) Immediate appointment of three Ph.D. qualified senior level faculty; (ii) Requisite lab. equipment be procured; (iii) Improvement of IT and digital library; (iv) Due to limited enrollment in B.Sc.(Hons), M.Sc. (Hons) program needs to be dropped; (v) Encourage faculty to win research grants and produce research papers.

4. Summary of AIC Visit

Discipline	Plant Pathology
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Shahbaz Talib Sahi
Date of Visit	September 7 – 8, 2015
Aggregate Score	B.Sc. (Hons) 62 percent M.Sc. (Hons) 54 percent
Rating	B.Sc. (Hons) Y ₁ M.Sc. (Hons) Y ₃

Weaknesses: (i) Lack of Ph.D. qualified faculty, existing faculty lacks specialization in certain areas of pathology; (ii) shortage of labs. and lab. equipment for post graduate research; (iii) no access to digital library, journals and latest editions of text books; (iv) inadequate class rooms, faculty offices; (v) untrained and unqualified technical support staff in the library, labs. and at the research farm; and (vi) lack of greenhouse facilities.

AIC Recommendations: (i) Appointment of at-least two Ph.D. qualified faculty with specialization in plant virology and bacteriology; (ii) Purchase of latest editions of books and access to digital library; (iii) Procurement of necessary equipment for sophisticated research such as PCR machine; (iv) Provision of greenhouse and glass house facilities; (v) Ensure participation of faculty members in conferences, workshops.



Visit of AIC to BAC, Quetta

5. Summary of AIC Visit

Discipline	Entomology
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Ghulam Jilani
Date of Visit	September 7 – 8 , 2015
Aggregate Score	B.Sc. (Hons) 61 percent M.Sc. (Hons) 52 percent
Rating	B.Sc. (Hons) Y ₁ M.Sc. (Hons) Y ₃

Weaknesses: (i) Faculty is young, inexperienced and inadequately qualified; (ii) lack of lab. equipment for teaching and research purposes; (iii) grossly inadequate learning resources including IT facilities, text books and journals; and (iv) technical support staff is untrained and inexperienced.

AIC Recommendations: (i) With only one Ph.D., the capacity building program for young faculty is urgently required; (ii) More equipment like potter's spry tower, spray pumps of different types, environmental chamber, growth chamber,

desiccator, high speed centrifuge; (iii) Provision of research journals, more reference books and IT facilities; (iv) Post-graduate research should be improved and expanded to molecular level; (v) Green-house and glass house facilities should be provided for post-graduate students.

6. Summary of AIC Visit

Discipline	Horticulture
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Muhammad Javed Tareen
Date of Visit	September 7 – 8, 2015
Aggregate Score	61 percent
Rating	Y ₁

Weaknesses: (i) Shortage of Ph.D. qualified and experienced faculty; (ii) non-availability of greenhouse and plant nursery as well as experimental orchards; (iii) inadequate text books and reference material; (iv) weak coordination and linkages; (v) inadequate operational funds; and (vi) weak internship program with little supervision and linkages.

AIC Recommendations: (i) Induction of at least one Ph.D. qualified and trained faculty; (ii) Sufficient reference books, journals and e-library are required; (iii) Improvement and up-gradation of infrastructure and learning resources including labs., greenhouses and experimental orchards; (iv) Merit scholarships for high achievers, etc be introduced; (v) Other horticultural areas like olericulture, floriculture and landscaping should also be included in academic and research programs to enhance the employability of horticulture graduates in the private sector.

C. University of Haripur (UoH)

1. Summary of AIC Visit

Discipline	Entomology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Muhammad Naeem
Date of Visit	November 12, 2015
Aggregate Score	60 percent
Rating	Y ₁

Strength: Well-equipped classrooms with needed facilities.

Weaknesses: (i) Shortage of permanent and senior level faculty members; (ii) non-availability of adequate laboratories, equipment and research facilities; (iii) limited access to the international journal and reference material; and (iv) inadequate infrastructure as, teachers offices and staff rooms.

AIC Recommendations: (i) Induction of two lecturers on regular basis; (ii) Procurement of requisite scientific equipment, instruments and chemicals; (iii) Recruitment of experienced supporting staff, especially laboratory staff; (iv) Provision of green house and field research area; (v) Need more opportunities, scholarships and financial aid for students.

2. Summary of AIC Visit

Discipline	Soil Science
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Safdar Ali
Date of Visit	November 12, 2015
Aggregate Score	74 percent
Rating	X ₂

Strength: Young highly foreign qualified faculty of five including three Ph.D.

Weaknesses:

- (i) Inadequate experimental farm research facilities for post-graduate students and the faculty;
- (ii) green house and growth chamber facilities are not available; and
- (iii) exposure of students through field trips and study tours is limited.



Visit of AIC to University of Haripur

AIC Recommendations: (i) Need adequate budget or financial grants for strengthening of faculty and teaching infrastructure; (ii) Provision of green houses and field research area; (iii) Need for more scholarships for students; (iv) allocation of research grant on the basis of number of postgraduate students.

3. Summary of AIC Visit

Discipline	Plant Breeding & Genetics
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Zahid Akram
Date of Visit	November 12, 2015
Aggregate Score	62 percent
Rating	Y ₁

Strength: Qualified faculty with Ph.D. in different areas of plant breeding.

Weaknesses: (i) Limited infrastructure and teaching facilities, i.e. seminar room, staff room; and (ii) inadequate number of books and reference material.

AIC Recommendations: (i) One more laboratory with needed equipment; (ii) Installation of green-houses /glass houses; (iii) Arrangement for more space for class rooms, and faculty offices; (iv) Ensure financial resources/grants for strengthening the PBG degree programs.

4. Summary of AIC Visit

Discipline	Horticulture
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Ishfaq Ahmed Hafiz
Date of Visit	November 12, 2015
Aggregate Score	62 percent
Rating	Y ₁

Strength: Young and qualified but junior faculty of five is available.

Weaknesses: (i) Shortage of permanent and senior/ experienced faculty members as associate professors; (ii) inadequate labs. with limited lab. equipment;

(iii) insufficient number of recommended text and reference books and periodicals; and (iv) limited and unskilled supporting staff.

AIC Recommendations: (i) Induction of one associate professor and two lecturers on regular basis; (ii) Provision of more space (separate or share office) for all teachers, labs. and class rooms; (iii) Need for installation of green houses, wire houses and growth chambers; (iv) The faculty should win research grants for up-gradation of the department; (v) Induction of experienced supporting staff, especially laboratory staff.



Visit of AIC to University of Haripur

5. Summary of AIC Visit

Discipline	Food Science and Technology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Alam Zeb
Date of Visit	November 12, 2015
Aggregate Score	60 percent
Rating	Y ₁

Strength: Syllabus of B.Sc. (Hons) is adopted as recommended by HEC.

Weaknesses: (i) Shortage of Ph.D. qualified faculty of associate professor and lecturers; (ii) the internship course not included in the final semester of B.Sc. (Hons) degree program; (iii) laboratories for food processing and sensory evaluation do not exist; (iv) unqualified laboratory staff; and (v) shortage of the research journals of food science.

AIC Recommendations: (i) Appointment of one associate professor and two lecturers is required on permanent basis; (ii) Immediate purchase of small machinery and apparatus for food processing practical's; (iii) At least two fully equipped labs are required; (iv) Strengthen linkages with other food science departments; (v) Encourage food science faculty and students to attend seminars and conferences.

6. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Zammurad Iqbal Ahmed
Date of Visit	November 12, 2015
Aggregate Score	62 percent
Rating	Y ₁

Strength: Out of five faculty members, four are Ph.D. with adequate teaching experience.

Weaknesses: (i) Very limited research farm area and farm implements; (ii) linkages with other academic and research institution are weak; (iii) co-curriculum, recreational and refreshment facilities are inadequate; and (iv) insufficient support staff, offices, lecture room and only one laboratory with limited space and equipment.

AIC Recommendations: (i) Infrastructure strengthening including two more separate faculty offices, two additional labs and up-gradation focused on the availability of books, students hostel; (ii) Up-gradation of agronomy section to full-fledged department under the faculty of agriculture; (iii) Provision of research farm and farm implements and machinery; (iv) Ensure field visits and study tours of students.

D. Bacha Khan University (BKU), Charsadda

1. Summary of AIC Visit

Discipline	Plant Breeding and Genetics
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Hidayat ur Rahman
Date of Visit	November 18, 2015
Aggregate Score	63 percent
Rating	Y ₁

Weaknesses: (i) Ill-equipped PBG laboratories; (ii) some relevant course books are available but no access to the international Journals; (iii) limited and unskilled supporting staff for the laboratories; and (iv) lack of established experimental farm with farm implements.



Visit of AIC to Bacha Khan University, Charsadda

AIC Recommendations: (i) More funds be arranged for the purchase of scientific equipment; (ii) Adequate computer and internet facilities for the students must be extended; (iii) Provision of more space for teachers (offices), labs. and class rooms; (iv) Availability of at least two trained laboratory staff be ensured.

2. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Shad Khan Khalil
Date of Visit	November 18, 2015
Aggregate Score	59 percent
Rating	Y ₂

Weaknesses: (i) Insufficient senior level experienced faculty; (ii) lack of multimedia facility, overhead projector required as teaching aids; (iii) absence of well-developed and well equipped research farm; and (iv) insufficient agronomy textbooks, reference material with subscribed journal.

AIC Recommendations: (i) Regular appointment of existing faculty of eight members be made; (ii) Provision of IT facilities, access to HEC digital library, textbooks, and reference material is required; (iii) Infrastructure strengthening and up gradation like library, labs. and research farm; (iv) Ensure availability of at least three class rooms, seminar room, committee/ conference room; (v) Field visits and study tours may be ensured.

3. Summary of AIC Visit

Discipline	Entomology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Farman Ullah
Date of Visit	November 18, 2015
Aggregate Score	56 percent
Rating	Y ₂

Weaknesses: (i) Lack of full time regular faculty; (ii) existing laboratories with limited lab. equipment; (iii) very few books on entomology are available; (iv) lack of greenhouse facilities; (v) very limited indoor and outdoor sports facilities; and (vi) grossly inadequate IT facilities.

AIC Recommendations: (i) Faculty of five full time regular members be hired; (ii) More lab. equipment needs to be procured and lab. facilities need improvement; (iii) Up-gradation of IT facilities and learning resources; (iv) Purchase of new editions of textbooks; (v) Arrangements be made for in-door and out-door sports and study tours for students.

E. University of Agriculture, Faisalabad (UAF)

1. Summary of AIC Visit

Discipline	Agribusiness and Marketing
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Experts/Program Evaluators	Dr. Dilawar Ali Khan Dr. Abdul Hayee Qureshi
Date of Visit	December 02, 2015
Aggregate Score	65 percent
Rating	X ₃

Strengths: (i) Availability of suitable physical infrastructure, play grounds, sports facilities, main library and the video-conferencing network of UAF; and (ii) Provision of UAF umbrella for building linkages with industry and forging collaboration with the reputed business schools.



Visit of AIC to University of Agriculture, Faisalabad

Weaknesses: (i) Shortage of high caliber and experienced faculty and professional leadership; (ii) weak linkages with reputed business schools, PCSIR, NTUF, UVAS, UNIDO, IFPRI, chambers of commerce and industry, and the financial institutions; (iii) limited capacity for quality research; (iv) limited opportunities and less conducive environment for faculty development; and (v) weak resourcefulness and creative faculties of students, a large majority of whom belong to the low economic and social strata of rural Punjab.

AIC Recommendations: (i) Need to induct high caliber and experienced faculty of professionals including one professor and one associate professor and strengthen linkages with reputed business schools, PCSIR, NTUF, UVAS, UNIDO, IFPRI, Chambers of Commerce and Industry, and relevant financial institutions; (ii) Capacity-building for quality research; (iii) Need to improve resourcefulness and creativity of students, a large majority of whom belong to the low economic and social strata of rural Punjab; (iv) Create opportunities and more conducive environment for faculty development.

2. Summary of AIC Visit

Discipline	Seed Science and Technology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Shahid Masood
Date of Visit	December 04, 2015
Aggregate Score	70 percent
Rating	X ₂

Strengths: (i) Highly qualified and experienced multi-disciplinary faculty; and (ii) Research farm, glasshouse/net house and low-cost tunnel facilities are available.

Weaknesses: (i) Deficiencies in laboratories, class rooms and office facilities; (ii) lack of capacity building programs for technical support staff; and (iii) shortage of operational funds for research and maintenance.

AIC Recommendations: (i) Procurement process of equipment for the seed labs. be expedited; (ii) Make-up minor deficiencies in laboratories, class rooms and office facilities; (iii) Training of faculty and laboratory staff in the area of hybrid seed production; (iv) Internship of students in the national and multinational companies.

F. Government College University for Women (GCUW), Faisalabad

Summary of AIC Visit

Discipline	Food Science and Technology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Saeed Akhtar Sheikh
Date of Visit	December 03, 2015
Aggregate Score	60 percent
Rating	Y ₁

Strength: Tuition fee structure of the degree program is affordable.

Weaknesses: (i) Lack of senior level faculty; (ii) non-existence of statutory bodies of Board of Studies and Board of Faculty; (iii) lack of laboratory space and needed equipment; (iv) very few subject related text books and reference books; and (v) lack of exposure of students to other Universities and research institutions.

AIC Recommendations: (i) Induction of at least one associate professor having Ph.D.; (ii) More lab. equipment and pilot plants must be tendered as soon as possible (iii) Funds required for the purchase of library books, textbooks and access to HEC digital library; (iv) Faculty offices and more class rooms are arranged to promote teaching-learning environment; (v) Industrial visits may be arranged as part of students practical's.



Visit of AIC to Govt. College University for Women Faisalabad

G. University of Swabi

1. Summary of AIC Visit

Discipline	Food Science and Technology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Alam Zeb
Date of Visit	January 27, 2016
Aggregate Score	60 percent
Rating	Y ₁

Weaknesses: (i) Junior and inexperienced faculty of three having one assistant professor and two lecturers on regular basis; (ii) sensory evaluation lab. is still not available, lack of equipment in the existing lab.; (iii) shortage of recommended textbooks; and (iv) little improvement has been shown by faculty in students examinations and documents maintenance.

AIC Recommendations: (i) Induction of at least one Ph.D. qualified associate professor; (ii) Establishment of one more food processing/sensory lab. with needed equipment; (iii) Procurement of latest editions of FST text books and journals; (iv) More space for class rooms, labs., and faculty offices; (v) Arrangements for students study tours of food industry and other FST teaching departments.

2. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Fayyaz-ul-Hassan Sahi
Date of Visit	January 27, 2016
Aggregate Score	65 percent
Rating	X ₃

Strength: Qualified, motivated but junior level faculty of four including three Ph.D.

Weaknesses: (i) Lack of office, laboratory space and lecture rooms; (ii) inadequate textbooks and IT facilities; (iii) absence of well-developed and equipped research farm; (iv) lack of exposure of students to other Universities, research institutions; and (v) non-availability of campus residential facilities for students and young faculty.

AIC Recommendations: (i) Appointment of at least one associate professor; (ii) Strengthening and up-gradation of library, labs., and experimental farms; (iii) Allotment of "major" after 4th semester must be more or less equal in all disciplines; (iv) Establishment of student's financial assistance office or focal person; (v) Provision of a seminar room, committee /conference room, etc.

3. Summary of AIC Visit

Discipline	Entomology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Mian Inayatullah
Date of Visit	January 27, 2016
Aggregate Score	55 percent
Rating	Y ₂

Weaknesses: (i) Shortage of faculty including professor and associate professor; (ii) lack of labs. and lab. equipment; (iii) very few books on entomology are available; (iv) insufficient research and reference material; and (v) poor insect collection for practical and research work.

AIC Recommendations: (i) Hiring of at least one associate professor, one assistant professor and two lecturers on regular basis; (ii) Short term and long term faculty training in IPM, taxonomy, modern molecular and biotechnological areas required; (iii) Basic equipment needed for labs. needs to be



Visit of AIC to University of Swabi

procured; (iv) Establishment of entomology laboratories viz systematics lab., stored grain pet and IPM lab. and bio-control lab.; (v) Need for participation of faculty in seminars, conferences, and workshops.

4. Summary of AIC Visit

Discipline	Horticulture
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Noor ul Amin
Date of Visit	January 27, 2016
Aggregate Score	59 percent
Rating	Y ₂

Weaknesses: (i) Shortage of experienced and senior level faculty; (ii) inadequate space for class rooms, laboratories and field work; (iii) non-availability of nursery both fruit and ornamental, green house, shade house, plastic tunnels; and (iv) inadequate internet facility for faculty and students.

AIC Recommendations: (i) Induction of one PhD associate professor level; (ii) One more independent and fully equipped lab. is required; (iii) Ensure availability of experimental nursery, tunnels and lath house; (iv) Provision of adequate space for class rooms and faculty offices; (v) Ensure availability of internet and computer facilities for students and faculty.

H. Jinnah University for Women (JUW), Karachi

Summary of AIC Visit

Discipline	Food Science and Technology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Saghir Ahmed Sheikh
Date of Visit	February 11, 2016
Aggregate Score	59 percent
Rating	Y ₂

Weaknesses: (i) Shortage of senior, full time permanent faculty, all faculty members on contractual basis; (ii) the department does not have food engineering lab., food quality control lab., food analysis lab., post-harvest lab., and food analytical lab.; (iii) lab. safety equipment was not found including first-aid boxes in the labs.; (iv) lack of digital library facilities; and (v) serious shortage of latest editions of recommended text books.

AIC Recommendations: (i) Appointment of one associate professor, one assistant professor and two lecturers on regular basis; (ii) Procurement of pilot plants and establishment of cereals/ baking science lab.; (iii) Procurement of hi-tech equipment and regular conduct of practical's; (iv) Purchase of more subject related books and journals; (v) Arrangements of exposure visit of industries for B.Sc. (Hons) students.



Visit of AIC to Jinnah University for Women, Karachi

I. BZU Sub-Campus, Layyah

1. Summary of AIC Visit

Discipline	Horticulture
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Muhammad Jafar Jaskani
Date of Visit	February 22, 2016
Aggregate Score	69 percent
Rating	X ₃

Strengths: (i) The Ph.D. faculty (4 assistant professors) having international exposure; and (ii) Establish citrus and grapes orchard, well equipped field lab. with staff.

Weaknesses: (i) no independent Board of Studies and Faculty Board.

AIC Recommendations: (i) One associate professor be appointed for the sustainability of the program; (ii) The experimental field area needs to be further improved and establish a plant nursery; (iii) Representation of faculty in Board of Studies at BZU main campus; (iv) Procurement of new edition of textbooks on Horticulture; and (v) Need for provision of Funds for study tours and participation in seminars/conferences.



Visit of AIC to BZU Sub-Campus, Layyah

2. Summary of AIC Visit

Discipline	Entomology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Aslam
Date of Visit	February 22, 2016
Aggregate Score	62 percent
Rating	Y ₁

Weaknesses: (i) Shortage of teaching faculty of professor or associate professor level; (ii) farm machinery and implements are insufficient for research; (iii) number of books and latest editions of text books are very few; and (iv) lack of requisite labs. and lab. equipment.

AIC Recommendations: (i) Appointment of an associate professor on permanent basis; (ii) More text books and research journals be purchased; (iii) Faculty development and training program for new faculty members should be initiated; (iv) More area of agriculture farm for research and practical be developed.

J. Government College University Faisalabad, Layyah-Campus

1. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Abdul Khaliq
Date of Visit	February 22, 2016
Aggregate Score	25 percent
Rating	Z ₃

Weaknesses: (i) Absence of senior faculty in agronomy; (ii) poor leaning resources; few irrelevant pirated books; no journals and reference material; (iii) agronomy program is without any statutory body of BoS and BoF; (iv) absence of experimental farm for training of agronomy students and no farm machinery; and (v) grossly inadequate equipment.

AIC Recommendations: (i) Immediate appointment of an associate professor, one assistant professor and one lecturer on regular basis; (ii) Make the laboratories more

functional by providing required equipment; (iii) Recommended textbooks must be purchased at the earliest; (iv) Farm implements need to be made available as per course requirements; (v) Purchase of only new editions of HEC recommended textbooks instead of non-relevant pirated books.

2. Summary of AIC Visit

Discipline	Food and Nutrition
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Saeed Akhatr Sheikh
Date of Visit	February 22, 2016
Aggregate Score	54 percent
Rating	Y ₃

Weaknesses: (i) Grossly insufficient faculty of four non-Ph.D. lecturers with little or no teaching experience; (ii) lack of needed lab. equipment to make students practically strong; (iii) lack of internship program; (iv) Lack of latest editions of recommended books and reference books; and (v) non-existence of statutory bodies such as Board of Studies and Board of Faculty.

AIC Recommendations: (i) Appointment of one associate professor, one assistant professor and two lecturers on regular basis; (ii) Library books access to HEC digital library, textbooks, and reference material are urgently needed; (iii) Needed utensils, equipment and pilot plants should be tendered as soon as possible; (iv) Involvement of HoD in the Scheme of Studies and Board of Studies matters at the GCU, Faisalabad; (v) Industrial visits may be made part of practical for Food Science students. (vi) Internship program should be made compulsory.

K. UAF Sub-Campus, Burewala

1. Summary of AIC Visit

Discipline	Soil Science
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Moazzam Jameel
Date of Visit	February 23, 2016
Aggregate Score	62 percent
Rating	Y ₁

Strength: Substantial availability of classrooms, laboratories, and offices to furnish the current demand of teaching and research.

Weaknesses: (i) Acute shortage of faculty to share the work load; (ii) insufficient lab. equipment and instruments; (iii) old curriculum with lot of shortfalls including nomenclature and contents; (iv) lack of well-developed and equipped agriculture farm for research and practicals; (v) lack of latest editions of textbooks; and (vi) lack of necessary facilities in offices, lecture rooms and laboratories.



Visit of AIC to UAF Sub-Campus, Burewala

AIC Recommendations: (i) Immediate appointment of one assistant professor and one lecturer; (ii) Development of research farm with needed implements; (iii) Adoption of latest version of HEC approved curriculum; (iv) Provision of IT facilities, access to HEC digital library, textbooks and reference material.

2. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Bismillah Khan
Date of Visit	February 23, 2016
Aggregate Score	61 percent
Rating	Y ₁

Strength: Faculty of two young and motivated assistant professors and two lecturers.

Weaknesses: (i) Lack of senior faculty of at least associate level with adequate teaching experience; (ii) lab. equipment and lab. staff is inadequate; (iii) shortage of recommended textbooks and no access to HEC digital library; (iv) under-developed experimental farm at Burewala and traditional farm implements; and (v) limited in-door and out-door sports activities.

AIC Recommendations: (i) Induction of one senior faculty as associate professor; (ii) Provision of well-planned and precision leveled experimental farm with farm implements/machinery; (iii) Availability of complete set of textbooks and reference material in the library; (iv) Provision of computers and access to HEC digital library.

3. Summary of AIC Visit

Discipline	Plant Pathology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Rashida Parveen
Date of Visit	February 23, 2016
Aggregate Score	66 percent
Rating	X ₃

Strength: Teaching faculty of five members including four Ph.Ds.

Weaknesses: (i) shortage of lab. equipment, chemicals and diagnostics; (ii) inadequately equipped class rooms and faculty offices; and (iii) non-availability of greenhouse and allied facilities.

AIC Recommendations: (i) Induction of one senior associate professor; (ii) More financial resources are required for the purchase of laboratory equipment, supplies, chemicals and reagents; (iii) Procurement of more books, local and international journals and literature; (iv) Ensure lab-safety arrangements and security plans; (v) Linkages needs to be developed with Institutions of higher learning both at national and international levels.

4. Summary of AIC Visit

Discipline	Horticulture
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Muhammad Akbar Anjum
Date of Visit	February 23, 2016
Aggregate Score	62 percent
Rating	Y ₁

Weaknesses: (i) Acute shortage of senior and experienced faculty; (ii) lack of greenhouse, lath house, experimental orchards and vegetable area; (iii) insufficient textbooks and other reference material; (iv) limited funds for equipment, instruments, glassware; and (v) no focus on study tours and students practical training, thus no exposure of students.

AIC Recommendations: (i) Induction of one more associate professor and two lecturers; (ii) Experimental orchards and vegetable farm having farm machinery and implements must be established; (iii) Nursery for ornamentals and fruit plants having green house, lath house to be developed; (iv) Prescribed/recommended text and reference books (at least two sets) and research journals should be purchased; (v) Provision of ICT facilities to the students and access to HEC digital library must be ensured.

L. Muhammad Nawaz Sharif University of Agriculture (MNSUA), Multan

1. Summary of AIC Visit

Discipline	Agronomy
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Bismillah Khan
Date of Visit	April 18, 2016
Aggregate Score	49 percent
Rating	Z ₁

Weaknesses: (i) Faculty members consist of junior, inexperience and temporary teachers; (ii) inadequate laboratory equipment and controlled condition facilities; (iii) under-developed experimental farm and no new farm machinery; and (iv) insufficient number of latest editions of text/reference books.



Visit of AIC to MNSUA, Multan

AIC Recommendations: (i) Induction of highly qualified, experienced and regular faculty including one associate professor, one assistant professor and two lecturers; (ii) Establishment of at least one (preferably two) functional teaching and research labs.; (iii) Provision of IT facilities, access to HEC digital library, text books and reference material; (iv) Establishment of experimental research farm fully equipped with farm machinery and implements;(v) Field visits and study tours should be made part of practical for students.

2. Summary of AIC Visit

Discipline	Entomology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Aslam
Date of Visit	April 18, 2016
Aggregate Score	61 percent
Rating	Y ₁

Strength: Well qualified and sufficient faculty is available.

Weaknesses: (i) Inadequate laboratory space and equipment; (ii) experimental farm is under-developed with very little farm machinery; (iii) number of books and latest editions of text books are insufficient; and (iv) the faculty offices are inadequate and ill-equipped for peaceful academic environment.

AIC Recommendations: (i) Establishment of one more functional teaching and one research laboratory of entomology; (ii) Provision of adequate IT facilities, access to HEC digital library, addition of textbooks, journals and other reference material; (iii) Ensure availability of experimental research farm with sufficient farm machinery and implements; (iv) Availability of at-least three class rooms, seminar room, committee/conference room; (v) Field visits must be made part of practical.

3. Summary of AIC Visit

Discipline	Soil Science
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Moazzam Jameel
Date of Visit	April 18, 2016
Aggregate Score	62 percent
Rating	Y ₁

Strength: Faculty of five with three Ph.D. including one associate professor and one assistant professor each and two lecturers.

Weaknesses: (i) One small size lab-cum-class room with limited equipment; (ii) very few recommended textbooks on soil science; (iii) inadequate IT facilities and other learning resources; (iv) non-availability of experimental research farm and greenhouse; and (v) limited opportunities for students for study tours and trips.

AIC Recommendations: (i) Lab. facilities to be upgraded with at least one more fully equipped lab; (ii) Improvement of IT facilities and learning resources; (iii) Purchase new edition of recommended textbooks; (iv) Organize study tours and field trips.

4. Summary of AIC Visit

Discipline	Plant Breeding and Genetics
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Rao Abdul Qayyim
Date of Visit	April 18, 2016
Aggregate Score	64 percent
Rating	Y ₁

Strength: Experienced and well qualified senior professors and young regular teaching faculty.

Weaknesses: (i) Absence of well-equipped PBG labs. for quality and result oriented research; (ii) class rooms space is insufficient as compared to the number of students; (iii) lack of green house facility for controlled experimentation; (iv) agricultural farm is needed to be improved; (v) lack of farm machinery for timely sowing and harvesting of crop; (vi) latest editions of text books are insufficient; and (vii) lack of technically trained laboratory staff.

AIC Recommendations: (i) Establishment of one more laboratory and green house facilities are needed urgently; (ii) Provision of two more class rooms and two more faculty offices; (iii) Digital library facilities be ensured; (iv) Development of own agricultural research farm is urgently needed; (v) At least two trained laboratory staff is required.

M. Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore**Summary of AIC Visit**

Discipline	Food Science
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Saeed Akhtar Sheikh
Date of Visit	May 4, 2016
Aggregate Score	65 percent
Rating	X ₃

Strength: Teaching faculty of five Ph.D. members of assistant professor level with three regular teachers.

Weaknesses: (i) shortage of lab. equipment for advanced research in certain specialized areas of food science especially cereals, meat and dairy technology; (ii) insufficient budget to meet the minimum requirements for laboratories and research; and (iii) pilot-scale food processing plants for student's orientation and training is not in place.

AIC Recommendations: (i) Appointment of senior and regular faculty of professor and associate professor level; (ii) Strengthening of labs. and class rooms to meet modern day requirements for teaching and research; (iii) Industry/academia collaboration must be strengthened; (iv) Organization of conferences and seminars to attract the stakeholders for collaboration; (v) Faculty development program be launched.

N. The University of Poonch, Rawalakot**1. Summary of AIC Visit**

Discipline	Food Science
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Alam Zeb
Date of Visit	May 19, 2016
Aggregate Score	68 percent
Rating	X ₃

Strengths: (i) Faculty of eight including two professors, one associate and two assistant professors and two lecturers and one research associate; and (ii) Three adequately equipped functional labs.

Weaknesses: (i) Lack of Ph.D. qualified faculty for courses of cereal technology, food microbiology, food engineering and food chemistry; (ii) food processing lab. is small in size, sensory evaluation lab. is not available; (iii) shortage of machinery and tools for food



Visit of AIC to The University of Poonch, Rawalakot

processing & preservation; (iv) examination grading scale is not similar adopted by other agriculture universities; and (v) lack of indoor and outdoor sports facilities.

AIC Recommendations: (i) More Ph.D. qualified (two) and experienced faculty for courses of cereal technology, food microbiology, food engineering and food chemistry is required; (ii) Immediate purchase of small machinery, tools, and containers for food processing lab.; (iii) Encourage linkages with industry to take advantage of their experience; (iv) Ensure participation of teachers and students in conferences and seminars; (v) Emphasis on training of students through lab practical's.

2. Summary of AIC Visit

Discipline	Agronomy
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Zammurad Iqbal Ahmed
Date of Visit	May 19, 2016
Aggregate Score	64 percent
Rating	Y ₁

Strength: Eight faculty members out of which five are Ph.D.

Weaknesses: (i) Linkages with the farming community are very poor; (ii) isolated and distant location of the university; (iii) low intake of the students; (iv) no hostel facility for students and faculty; and (v) underdeveloped research farm with modest research activities.

AIC Recommendations: (i) Improve the intake of students in agronomy; (ii) Research be developed and equipped with needed implements; (iii) Linkages with farming community needs to be strengthened; (iv) More textbooks of new editions be added.

3. Summary of AIC Visit

Discipline	Horticulture
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Nadeem Akhtar Abbasi
Date of Visit	May 19, 2016
Aggregate Score	B.Sc. (Hons) 74 percent M.Sc. (Hons) 73 percent
Rating	X ₂

Strength: Qualified and well experienced faculty.



Visit of AIC to The University of Poonch, Rawalakot

Weaknesses: (i) Shortage of permanent faculty members as associate professors and assistant professors; (ii) lack of space/infrastructure; (iii) lack of sophisticated

instruments in labs.; (iv) no access to the international journals and reference material; and (v) underdeveloped experimental farm.

AIC Recommendations: (i) Establishment of one each teaching lab. and research lab.; (ii) Provision of ample IT facilities, easy access to HEC digital library, addition of textbooks, journals and other reference material; (iii) Provision of at least three class rooms, seminar room, committee/conference room; (iv) Strengthening of experimental research farm with sufficient light farm machinery and implements; (v) Field visits should be made part of students practical.

4. Summary of AIC Visit

Discipline	Entomology
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/ Program Evaluator	Dr. Humayun Javed
Date of Visit	May 19, 2016
Aggregate Score	65 percent
Rating	X ₃

Strengths: (i) Ph.Ds. faculty of six members comprising three professors and three lecturers; and (ii) Three well equipped (taxonomy lab., IPM lab., molecular biology lab.) labs. with modern equipment.

Weaknesses: (i) Insufficient transport facilities for frequent field visits; (ii) access to HEC digital library is poor and under progress; and (iii) inadequate space for faculty offices and class rooms for quality education.

AIC Recommendations: (i) The faculty needs training in modern molecular and biotechnological areas and digital teaching methods; (ii) The capacity of young faculty members be enhanced through short-term and long-term training abroad; (iii) Research on local problems/field oriented problems must be taken on priority; and (iv) Additional space is required for two more class rooms and one more post-graduate laboratory.

O. UCA, Islamia University, Bahawalpur

1. Summary of AIC Visit

Discipline	Agronomy
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Bismillah Khan
Date of Visit	May 24, 2016
Aggregate Score	60 percent
Rating	Y ₁

Strength: Ph.D. qualified and experienced but junior level faculty of 11 members.

Weaknesses: (i) Limited laboratory/class rooms/faculty office facilities; (ii) insufficient IT facilities, learning resources and outdated computers in the lab.; (iii) very few recommended text books/reference books and subscribed journals; and (iv) controlled and semi controlled experimental facilities do not exist.

AIC Recommendations: (i) Appointment of senior and experienced faculty including one professor and one associate professor on regular basis; (ii) Labs./greenhouse be fully equipped and field experimental machinery/tools be arranged; (iii) Purchase of latest edition of text books, computers with internet and journals; (iv) Agronomy section should be elevated to the level of full-fledged teaching department; (v) Professional linkages/coordination with other institutions be established.



Visit of AIC to UCA, Islamia University, Bahawalpur

2. Summary of AIC Visit

Discipline	Entomology
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Aslam
Date of Visit	May 24, 2016
Aggregate Score	62 percent
Rating	Y ₁

Strength: Faculty is quite active in research and publication of quality research papers.

Weaknesses: (i) insufficient number of journals and books; (ii) laboratory space is insufficient for the degrees offered; (iii) lack of proper offices for the faculty; (iv) no faculty training program exists; and (v) no linkages with other institutes/ departments.

AIC Recommendations: (i) Senior and experienced faculty of professor and associate professor level must be appointed and terms of appointment of the existing faculty must be revised; (ii) Insectary and controlled atmosphere laboratory need to be established for postgraduate research; (iii) Laboratories with more equipment and two more lecture rooms should be provided; (iv) External linkages need to be established with other institutes /universities.

3. Summary of AIC Visit

Discipline	Food Science and Technology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Saeed Akhtar Sheikh
Date of Visit	May 24, 2016
Aggregate Score	59 percent
Rating	Y ₂

Weaknesses: (i) Lack of full time regular faculty of senior level; (ii) grossly inadequate lab. facilities and lab. equipment; (iii) shortage of recommended text books and reference books; (iv) limited access to IT facilities and reference material; and (v) limited opportunities for study tours and industrial trips.

AIC Recommendations: (i) Hiring of full time regular faculty especially senior level of at least one associate professor. Majority of existing faculty is on IPFP; (ii) Improvement of lab. facilities and procurement of needed lab. equipment; (iii) Arrangements for adequate IT facilities and reference material; (iv) Procurement of only relevant recommended text books and reference books;

4. Summary of AIC Visit

Discipline	Plant Breeding and Genetics
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Rao Abdul Qayyim
Date of Visit	May 24, 2016
Aggregate Score	66 percent
Rating	X ₃

Strength: Five faculty members including one professor, three assistant professors (TTS) and one lecturer.

Weaknesses: (i) No well-established laboratories except one molecular lab.; (ii) inadequate space for class rooms and offices; (iii) lack of latest text books in the library; and (iv) non-availability of glass house facility.

AIC Recommendations: (i) Three more Ph.D. qualified faculty including professor and associate professor on regular basis are required; (ii) Establishment of at least two more labs and Up-gradation of existing lab facilities; (iii) Availability of internet facility, access to online journals, books and reference materials; (iv) Construction of glass house, equipped with latest instruments and facilities; (v) Research funds for postgraduate studies must be enhanced; (vi) Status of the college of agriculture be up-graded to a faculty.



Visit of AIC to UCA, Islamia University, Bahawalpur

P. Ghazi University, D. G. Khan

1. Summary of AIC Visit

Discipline	Horticulture
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Muhammad Akbar Anjum
Date of Visit	May 25, 2016
Aggregate Score	54 percent
Rating	Y ₃

Weaknesses: (i) Non- availability of senior faculty at the level of professor and associate professor; (ii) shortage of labs. and lab. equipment; (iii) limited IT/computing facilities and no access to HEC digital library; (iv) inadequate space for faculty offices, class rooms and laboratory; (v) old curriculum followed especially for undergraduate degree program; and (vi) no focus on students practical training and study tours.



Visit of AIC to Ghazi University, D. G. Khan

AIC Recommendations: (i) Induction of senior level (one professor and one associate professor) faculty; (ii) Provision of IT/computing facilities and access to HEC digital library; (iii) At least one more fully-equipped and functional lab. should be established; (iv) Experimental orchards should be established for experiments and student's practical work.

2. Summary of AIC Visit

Discipline	Soil and Environmental Science
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Moazzam Jameel
Date of Visit	May 25, 2016
Aggregate Score	61 percent
Rating	Y ₁

Strength: Qualified teaching faculty of four Ph.D. and one M.Sc. (Hons).

Weaknesses: (i) Lack of adequate infrastructure and learning resources; (ii) lack of necessary gadgets in offices, lecture rooms and laboratories; and (iii) non-availability of well-developed experimental farm with few farm implements.

AIC Recommendations: (i) Strengthening of faculty through permanent induction of one associate professor and one assistant professor; (ii) Provision of IT facilities, easy access to HEC digital library and availability of textbooks; (iii) Provision of well-developed experimental farm with farm implements; (iv) Field visits should be made a part of practical; (v) Arrangement of more merit-based and need based scholarships.

3. Summary of AIC Visit

Discipline	Agronomy
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Prof (Rtd). Dr. Muhammad Bismillah Khan
Date of Visit	May 25, 2016
Aggregate Score	55 percent
Rating	Y ₂

Weaknesses: (i) Absence of senior faculty of professor and associate professor; (ii) inadequate laboratory equipment to meet the research needs of postgraduate students; (iii) insufficient funds for the purchase of books and no subscription to journals; (iv) poor mechanization and irrigation water scarcity at research farm; (v) lack of state-of-the-art controlled-environment facility and a well-furnished computer lab.; and (vi) centralization of financial and administrative powers.

AIC Recommendations: (i) Appointment of senior and experienced faculty including one professor and one associate professor on regular basis; (ii) Strengthening of existing laboratories; (iii) Subscription to reputed journals and purchase of textbooks; (iv) Up-gradation of research farm with latest machinery, equipment and irrigation water supply.

4. Summary of AIC Visit

Discipline	Entomology
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/ Program Evaluator	Prof (Rtd). Dr. Muhammad Aslam
Date of Visit	May 25, 2016
Aggregate Score	57 percent
Rating	Y ₂

Weaknesses: (i) There is no senior faculty in the department; (ii) laboratories are inadequately equipped; (iii) no green house is available for experiments to be carried out under controlled conditions; (iv) there is serious shortage of class rooms and laboratory space; (v) library is seriously deficient in number of books and Entomology journals; and (vi) students and teachers have no access to HEC digital library.



Visit of AIC to Ghazi University, D. G. Khan

AIC Recommendations: (i) Senior faculty members of one professor and one associate professor must be appointed on permanent basis; (ii) Newly appointed faculty needs to be trained in pedagogy; (iii) Two more lecture rooms and one more well-equipped laboratory must be provided; (iv) More books and journals must be purchased/subscribed to the library.

5. Summary of AIC Visit

Discipline	Plant Breeding and Genetics
Degree Programs	B.Sc. (Hons) and M.Sc. (Hons)
AIC Expert/Program Evaluator	Dr. Rao Abdul Qayyim
Date of Visit	May 25, 2016
Aggregate Score	59 percent
Rating	Y ₂

Weaknesses: (i) Serious shortage of senior and Ph.D. qualified faculty; (ii) inadequate laboratory facilities with limited lab. equipment; (iii) shortage of latest reference and text books in the library; (iv) inadequate faculty offices and class rooms without multimedia facilities; and (v) unmanaged research farm with limited farm machinery and implements.

AIC Recommendations: (i) Induction of more faculty members on permanent basis specifically one professor, one associate professor and one assistant professor on urgent basis; (ii) Establishment of one more well-equipped lab. for the dissemination of latest practical knowledge to the students; (iii) Facilities should be provided for easily access to online journals, books and research papers; (iv) Provision of at least two more class rooms and faculty offices are required.

III. Zero Visits

3. Zero visits are meant to assess the level of planning and preparation of the Agriculture Education Institutions for initiating new degree programs. The objective is to sensitize all the stakeholders regarding the pre-requisites and processes of program accreditation including mentoring and guidance. Zero visit in no way confers any conditional or interim accreditation to such degree programs.

4. During 2015-16, the National Agriculture Education Accreditation Council (NAEAC) performed five zero visits. These include Food Science and Technology, Seed Science & Technology and Horticulture at Muhammad Nawaz Sharif University of Agriculture, Multan (MNSUA), Food Science degree program at GCU Faisalabad, Sahiwal Sub-Campus, and B.Sc. (Hons) Entomology at Institute of Agricultural Sciences (IAGS)

University of the Punjab, Lahore. A summary of external assessment and recommendations is reproduced below:

1. Muhammad Nawaz Sharif University of Agriculture (MNSUA), Multan

1. Summary of Zero Visit

Discipline	Food Science and Technology
Degree Program	B.Sc. (Hons)
AIC Experts/Program Evaluators	Dr. Saeed Akhtar Sheikh Mr. Naseer Alam Khan
Date of Visit	April 18, 2016

AIC Assessment: (i) Existing lab. facilities and learning resources in food science are unsatisfactory; (ii) Only two lecturers working on contract basis having negligible teaching experience; (iii) One class room, one lab. and one office for the faculty; (iv) Limited IT facilities accessible to the students; and (v) No access to HEC digital library.

AIC Recommendations: (i) The department of FST not yet prepared for launching this program; (ii) Induction of senior and experienced faculty and four more teachers; (iii) Addition of at least two more well equipped labs.; (iv) Strengthening and upgrading IT facilities and learning resources; and (v) Ensure availability of new editions of recommended textbooks.



Visit of AIC to MNSUA, Multan

2. Summary of Zero Visit

Discipline	Seed Science and Technology
Degree Program	B.Sc. (Hons)
AIC Experts/Program Evaluator	Dr. Shahid Masood Mr. Naseer Alam Khan
Date of Visit	April 18, 2016

AIC Assessment: (i) The Seed Science and Technology (SST) is an integrated degree program, very much linked with the other disciplines particularly PBG and Horticulture; (ii) It is hoped that experienced teaching faculty for PBG and SST will be available in September 2016; (iii) The laboratory facilities are very much deficient at the moment; and (iv) However one laboratory each for PBG and SST is planned to be established soon by the University with latest equipment.

AIC Recommendations: (i) Establishment of SST and PBG laboratory with necessary equipment prior to launching this degree program; (ii) Recruitment of experienced teaching faculty relevant to SST; (iii) Ensure that topics of floriculture and production of certified disease free fruit nursery plants, seed act, plant variety protection, marker based variety identification/seed purity evaluation and genetic resources conservation are well covered in the courses being offered in SST and Horticulture; (iv) Establishment of one or two green house facilities close to the main campus; and (v) Practical classes be included in the curriculum for visiting FSCRD, quarantine facility, private seed companies and gene bank.

3. Summary of Zero Visit

Discipline	Horticulture
Degree Program	B.Sc. (Hons)
AIC Experts/Program Evaluator	Prof. Dr. Muhammad Akbar Anjum Mr. Naseer Alam Khan
Date of Visit	April 18, 2016

AIC Assessment: (i) No faculty for teaching of olericulture, floriculture and landscaping, In vitro propagation; (ii) Absence of well-equipped laboratories for undergraduate teaching and research; (iii) Non-availability of land for vegetable farm, orchards and nursery; (iv) Lack of greenhouse/glasshouse, lath house and

other propagation structures; and (v) Limited IT/computing facilities and no access to HEC digital library.

AIC Recommendations: (i) Appointment of qualified and well-experienced faculty of diversified specialization; (ii) Establishment of at least one more fully-equipped and functional lab.; (iii) Recruitment of well-trained laboratory staff; and (iv) Faculty be motivated to write and submit viable research projects for grants.

2. GCU Faisalabad, Sahiwal Sub-Campus

Summary of Zero Visit

Discipline	Food Science
Degree Program	B.Sc. (Hons)
AIC Experts/Program Evaluator	Dr. Saeed Akhtar Sheikh Mr. Naseer Alam Khan
Date of Visit	April 27, 2016

AIC Assessment: (i) Junior level teaching faculty with little or no experience and requisite educational qualifications; (ii) Lack of infrastructural facilities, much needed labs., lab. equipment and class rooms; (iii) Campus is producing graduates without imparting practical skills to meet the market requirements; (iv) Very few subject related textbooks and reference books; and (v) IT facilities and other learning resources are grossly insufficient.

AIC Recommendations:

(i) Ph.D. qualified experienced and senior faculty must be appointed; (ii) The number of admissions may be curtailed and restricted only to morning program; (iii) Availability of library books, access to HEC digital library, textbooks and reference books; (iv) Board of Studies and Faculty Board should be in place; and (v) Ensure industry - academia linkages, sign MoUs with relevant agencies/ institutions.



Visit of AIC to GCU Faisalabad Sahiwal Sub-Campus

3. Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore

Summary of Zero Visit

Discipline	Entomology
Degree Program	B.Sc. (Hons)
AIC Expert/Program Evaluator	Prof. Dr. Muhammad Naeem
Date of Visit	May 13, 2016

AIC Assessment: (i) All the existing faculty members are on TTS and on contract basis; (ii) Lack of senior professor and associate professor faculty members; (iii) Non- availability of basic laboratories equipment; (iv) Need of trained supporting staff for the laboratories; and (v) Limited infrastructure as, teachers offices and class rooms.

AIC Recommendations: (i) Need to provide more research facilities especially basic entomological equipment and chemicals; (ii) The existing faculty must be on regular basis; (iii) Need for greenhouses; and (iv) Induction of senior teaching staff, as one professor and one associate professor.

IV. Review Meetings with Institutions

5. In pursuance of the Council decision, Review meetings have been initiated with host institutions since 2014-15 and are continuing. The main objectives of these Review meetings are:

(i) Review the current status of accreditation and evaluation ratings; (ii) Implementation progress of AIC recommendations; (iii) Constraints to and opportunities for quality improvement; and (iv) Adoption of best practices and their impact on equality enhancement with focus on major criteria.

6. During 2015-16, review meetings were held at the following three universities.

1. University College of Agriculture, University of Sargodha

7. External evaluation of the degree programs of 11 disciplines of agriculture was carried out at University College of Agriculture (UCA), University of Sargodha (UoS) during 2012-14. Almost all the degree programs except one were rated in category X₃, Y₁ & Y₂ implying not qualifying for accreditation. The Dean and HoDs of the respective



Review meeting at UCA, University of Sargodha

degree programs were emphasized to implement the actionable recommendations put forward by the Accreditation Inspection Committees (AICs) to improve the quality of the degree programs.

8. In order to assess the implementation status of the recommendations, a review meeting was held on November 10, 2015 at UCA, Sargodha. All the HoDs attended the meeting, chaired by Dean of the Faculty.

9. A summary of major recommendations emerged out of the meeting deliberations are as follows:

- Strength and quality of teaching faculty is the corner stone of a degree awarding program. Unfortunately, no head way could be made to induct Ph.D. Qualified and senior faculty of Professors and Associate Professors. There is a need to induct senior level Ph.D. faculty on top priority basis.
- There is little improvement in the infrastructure and learning resources, establishment and functioning of at least two labs. for each discipline is not yet realized. The college also lacks requisite number of recommended and reference text books and reference material.
- The students and the faculty have limited access to IT-facilities and HEC digital library. Visible and significant improvement in the availability and access to learning resources and facilities is essential on immediate basis.

- The faculty and staff offices still lack adequate office space and facilities. The faculty may urgently be placed /accommodated in spacious and well-equipped offices.
- College has very limited lab. as well as field research facilities. In order to streamline faculty and graduate research; adequate arrangements are necessary for established research farms with well-equipped labs.
- There is an urgent need to promote research culture among the faculty. All PhD faculty members must write and win a funded project and produce 1 – 2 research papers each year.
- Despite repeated recommendations in all the reports, College has been unable to induct qualified lab. technicians and other technical support staff.
- All the teaching departments need to provide financial autonomy. Adequate operational funds may be allocated and placed at the disposal of Dean /HoDs.
- Local stakeholders may be associated with the Board of Studies (BoS) and Faculty Board of the university college of agriculture for useful and problem-oriented feedback.
- Some of the teaching departments if not fully functional may be merged together to make a viable entity.

2. Sindh Agriculture University (SAU), Tandojam

10. The review meeting at SAU Tandojam was chaired by worthy Vice Chancellor of SAU, Tandojam and participated by three Deans of Agriculture, Principal SZABAC, and HoDs of all the departments on February 10, 2016. The Vice Chancellor informed the meeting that the uplifting of the infrastructure including Library, laboratories and research farms as



Review meeting at SAU, Tandojam

well as hiring of qualified faculty is rapidly in progress. He expressed his satisfaction over the HEC allocation of Rs.900million for the strengthening and upgrading teaching-learning infrastructure. He viewed that the implementation of HEC project would enable the

university to improve academic standards and quality of higher education in SAU. He also briefly highlighted the major achievements and actions taken for quality improvement of academic programs.

11. A summary of major recommendations is given below.

- Although, in the recent years, considerable efforts are made to strengthen teaching faculty, yet there is need to induct senior level faculty and several lecturers in the various disciplines.
- Mid-Term and long-term faculty development plans may be chalked out and implemented for building academic capacity of the faculty. Young and newly inducted teachers may be offered training opportunities in pedagogy.
- All technical support staff requires short-term training to improve professional knowledge and sharpen their skills. Only qualified persons in the relevant field may be recruited in the library, Laboratories and experimental farms.
- Teaching and research labs. of some disciplines were strengthened and upgraded. However, there is need to equip the labs. of other disciplines with lacking equipment, lab. protocols and safety measures. Adequate operational funds to be ensured for glassware and chemicals.
- SAU may set up a small Lab. Equipment and Maintenance Unit (LEMU) headed by an Instrumentation engineer for the whole labs. system of the university.
- Main library of the university is given a new look by upgrading and adding more facilities. Sufficient number of text books/reference books as per curriculum are however, required with access to HEC digital library for postgraduate students, Ph.D. Scholars and the faculty.
- Provision and subscription to at least two foreign journals of each discipline to receive on regular basis.
- Experimental research farms of the university may be further strengthened with farm machinery and implements, trained manpower and operational funds for research.
- Students may be provided with adequate guidance and counseling facilities, as well as opportunities for need-based and merit scholarships.

- Alumni association has been recently established, it needs to be strengthened and fully functional.
- Launching of university annual calendar is good gesture. It may also highlight students-teachers study tours/field trips. Participation in national /international seminars and conferences may be encouraged.

3. Faculty of Agricultural Sciences and Technology, BZU, Multan

12. NAEAC officials visited the Faculty of Agricultural Sciences and Technology, Bahauddin Zakariya University (BZU), Multan on March 28, 2016. The review meeting was held in the Committee Room of the University and was chaired by Prof. Dr. Ayaz Muhammad Rana, Acting Vice Chancellor and participated by Focal Person, all the Chairmen/ Heads of Departments of the Faculty and



Review meeting at BZU, Multan

Campus Director, Principal and HoDs of three agriculture departments of Bahadar Sub-Campus, Layyah. The meeting commenced with the recitation of few verses from The Holy Quran. The Acting Vice Chancellor informed the participants that the mandate of National Agriculture Education Accreditation Council (NAEAC) is to improve the quality of agriculture degree programs. The university is continuously uplifting the infrastructure including library, laboratories and research farms as well as hiring of qualified faculty to meet, maintain and enhance the quality of the degree programs being offered. He viewed that upon the implementation of the recommendations made by respective experts/evaluators would enable the university to improve academic standards and quality of higher education. After the opening remarks of Acting Vice Chancellor, department wise presentations were made.

13. Following is a summary of the major recommendations of the review meeting.

- Although, the new Vice Chancellor has made appreciable efforts to hold pending Selection Boards, yet there is shortage of senior faculty in the

disciplines of PBG, Entomology and Food Sciences. At least one Professor in each discipline may be inducted.

- Most of the labs. have been upgraded and well equipped. However, greenhouse, glasshouse, (controlled condition environment) require further expansion, and improvement.
- No faculty Development Plan in place. Both long-term and short-term plans may be developed and implemented.
- All PhD faculty members may be motivated to write research projects for grants from other than the university sources.
- Internship program of B.Sc. (Hons) has not yielded desired results. There is a need to make it more effective, useful and meaningful.
- Lab. and field staff with only relevant qualifications and training may be inducted and existing staff may be provided training opportunities for capacity building.
- Experimental farms, experimental orchards and Plant Nurseries may be developed on scientific lines for research and training purposes.
- BZU Bahadar Campus, Layyah has certain administrative and financial issues which may be resolved by appointing a full time senior faculty member (Professor) having diversified and vast teaching and administration experience.
- Faculty of Agricultural Sciences and Technology is relatively a newly created faculty with no Dean so far. A mega development project is needed to further upgrade and strengthen various components of the Faculty.
- It is unfortunate that Faculty of Agriculture, BZU Multan is without Dean since long.

V. Accreditation Awareness Seminars

14. The Council organized and conducted four quality assurance and accreditation awareness seminars during 2015-16 with the collaboration of host institutions. The objective of these seminars is to create awareness among the stakeholders for better

understanding of the significance and process of accreditation. Secretary, NAEAC was the main seminarian who presented a brief introduction of Council's mission, mandate, scope of work and functions. He also discussed vital ingredients of accreditation process such as eligibility criteria, self-assessment reports (SAR), standards, criteria and procedures. Roster of Program Evaluators, toolkit and accreditation framework. It was conveyed to the participants that all possible efforts are made to ensure a transparent, neutral, unbiased and fair review and accreditation process. All the seminars were chaired either by the V.C. or Dean of the Institution and attended by majority of the faculty members and students.

Quality Assurance and Accreditation Awareness Seminars, 2015-16

S. No	Institution	Date	Venue	Chairperson	No. of Participants
1	GCUF Sub Campus, Sahiwal	3-2-16	Auditorium	Campus Director	130
2	PMAS AAUR-Attock Sub Campus	25-3-16	Seminar Room	Vice Chancellor	80
3	University of Sargodha, Lyallpur Campus-Faisalabad	3-5-16	Auditorium	Chief Executive	120
4	Hazara University, Mansehra	10-5-16	Seminar Room	HoD Agriculture	100

VI. Council Meetings

15. The 11th Meeting of the National Agriculture Education Accreditation Council (NAEAC) was held on October 26, 2015 at 10:30 A.M. in the Mural Hall of Higher Education Commission (HEC), H-9, Islamabad. The meeting was Chaired by Dr. M. E. Tusneem, Chairman, NAEAC and attended by 17 members including one proxy. There were three apologies and two absentees.

16. The Secretary, NAEAC presented item-wise agenda of the meeting for information/consideration of the Council members. The meeting approved the ratings of external evaluations, the budget and annual program for 2015-16 among other things. The minutes of the meeting are attached at Annexure-II.

VII. Roster of Program Evaluators

17. As per byelaws of the Council, an Accreditation Inspection Committee (AIC) has to be constituted to undertake a comprehensive external review and accreditation process of agriculture degree programs. In order to ensure the availability of the senior faculty members as subject matter experts/PEs. NAEAC maintains a roster of PEs of all 16 disciplines of agriculture. Most of these PEs are nominated by the V.Cs of agriculture universities and Dean of agriculture faculties. Roster of program evaluators is updated from time to time. All those PEs who have been associated with accreditation process have been very cooperative and supported the cause of quality improvement of agriculture degree programs in Pakistan. Presently, the Council maintains a roster of 127 PEs representing 16 different disciplines of agriculture as per following details.

Roster of Program Evaluators, 2016		
S. No	Field of Expertise	No. of Experts
1	Agri. Biotechnology	5
2	Agri. Chemistry	4
3	Agriculture Economics	11
4	Agricultural Education and Extension	8
5	Agricultural Entomology	13
6	Agronomy and Crop Physiology	12
7	Animal Science	4
8	Food Science and Technology	8
9	Forestry, Range Management and Wildlife	8
10	Horticulture	10
11	Agribusiness and Marketing	4
12	Plant Breeding and Genetics	16
13	Plant Pathology	9
14	Plant Protection	2
15	Soil and Environmental Science	11
16	Weed Science	2
Total		127

VIII. Proposed Work Plan and Budget for FY 2016-17

1. Accreditation Activities

18. In pursuance of the directives of Chairman, NAEAC during Financial Year 16-17, the main focus of the accreditation activities shall remain on the previously evaluated but non-accredited degree programs due to sub-standard rating in category Y and Z. About 38 degree programs in major agriculture institutions (7) have been identified for re-visit and re-evaluation to motivate the HoDs to win research grants for the up-gradation of infrastructure learning resources and facilities. Besides, re-visit of sub-standard degree programs as many as 16 degree programs shall be externally evaluated and accredited by initializing second phase of the accreditation cycle.

2. Awareness Seminars

19. Organization and conduct of awareness seminars is to create awareness among the stakeholders and is an ongoing activity of the Council. NAEAC has so far organized and conducted 38 awareness seminars till June, 2016 covering all the agriculture education institutions in Pakistan. These seminars were well appreciated and attended by the faculty, students and other stockholders. During 2016-17, four such awareness seminars have been planned for new agriculture campuses and colleges.

3. 4th Training Workshop for Program Evaluators

20. The 4th training workshop for 30 Participants/Program Evaluators of NAEAC is planned in the first quarter of FY 2016-17 in collaboration with Quality Assurance Agency of HEC. The participants of the workshop would be nominated from the roster of program evaluators of NAEAC and would represent all the 16 disciplines of agriculture as well as agriculture universities/colleges.

4. Review Meetings with Deans and HoDs

21. Council initiated a program of review meetings with the host institutions. The first cycle of accreditation of the degree programs by the Council was completed in five years from 2008-09 to 2012-13. It was followed by second round of accreditation to cover the new programs and institutions to ensure continuing evaluation of the new degree programs offered and those evaluated in less than X₂ category. The objective is to monitor the implementation status of the accreditation recommendations made for the improvement of

the quality of the agriculture education degree programs covering teaching faculty, curriculum, infrastructures, teaching-learning resources and associated facilities listed under accreditation criteria and sub-criteria.

22. So far, the Council has successfully conducted six Review Meetings with the Deans, Directors and HoDs of the Institutions concerned. Three review meetings are planned in Gomal University, D. I. Khan; Islamia University, Bahawalpur and IAGS, University of the Punjab, Lahore.

5. Council Meetings

23. 11th meeting of the Council was convened in the last week of October, 2015. The salient agenda items include consideration and approval of annual work plan 2015-16, budget and other issues. During 2016-17, two Council meetings are planned in October, 2016 and May, 2017.

6. Annual Report, 2015-16

24. Preparation of Annual Report is mandatory, so far eight annual reports have been published and circulated to all the Council members as well as other stakeholders. All the eight reports from 2007-08 to 2014-15 are available in hard as well as soft form. Annual Report for FY 2015-16 will be finalized in August, 2016.

7. Parent and Student Alert

25. Flashing of Parent and Student Alert in the print media for all the stakeholders regarding non-accredited degree programs is obligatory. Three such Parent Alert have been flashed so far in national newspapers in 2011, 2012 and 2016 respectively. The advertisement was intended for prospective students to seek admission in only those degree programs which are duly accredited by the Council/HEC. Flashing of fourth parent and student alert is planned in 2017.

8. Audit Report

26. The Council is regularly submitting its financial audit report to the QAA and Finance Division of HEC. The annual audit of NAEAC accounts for FY 2015-16 has been accomplished in the second week of July, 2016 and the same has submitted to QAA, HEC.

Budget Utilization for FY 2015-16 and Proposed Allocation for FY 2016-17

S. No.	Activity	Budget Utilization 2015-16	Budget Allocation 2016-17
A. Accreditation Related Activities			
i)	On-Site External Evaluation and Accreditation visits to 16 Institutions (68 degree programs including three zero visits)	Rs. 1,606,833	Rs. 1,600,000 ² (58 degree programs including 5 zero visits)
ii)	Review Meetings with Institutions (3)	Rs. 90,095	Rs. 100,000 (3)
iii)	Awareness Seminars (4)	Rs. 44,712	Rs. 80,000 (4)
	Printing of Annual Report, 2015-16, NAEAC documents	Rs. 96,613	Rs. 160,000
v)	Publicity & Advertisement including Parents Alert & APQN Annual Membership Fee	Rs. 325,828	Rs. 390,000
vi)	Computer & Office Equipment, Furniture & Fixture, Audit Expenses, Stationery, telephone bills, etc.	Rs. 110,151	Rs. 200,000
vii)	Repair and maintenance work	Rs. 23,536	Rs. 70,000
Sub-Total (A)		Rs. 2,297,768	Rs. 2,600,000
B. Staff Salaries			
i)	Staff Salaries and Allowances	Rs. 3,090,528	Rs. 3,600,000
Sub-Total (B)		Rs. 3,090,528	Rs. 3,600,000
Grand Total (A+B)		Rs. 5,388,296	Rs. 6,200,000

Receipts and Expenditures for FY 2016-17

1. Opening balance as of July 01, 2016	=	Rs. 1,600,000
2. HEC Annual Grant	=	Rs. 4,000,000
3. Accreditation Fee	=	Rs. 600,000
Total Receipts (2016-17)	=	Rs. 6,200,000
4. Total Estimated Expenditure for FY 2016-17	=	Rs. 6,200,000

² Some of the degree programs are based on the remote areas which need extra funding.

NAEAC Membership

<p>Dr. M.E. Tusneem Chairman National Agriculture Education Accreditation Council Higher Education Commission (HEC)</p>	<p>Prof. Dr. Nadeem Akhtar Abbasi Vice Chairperson, NAEAC and Dean, Faculty of Crop & Food Sciences PMAS Arid Agriculture University, Rawalpindi</p>
<p>1-Prof. Dr. Riaz Hussain Qureshi Ex-Advisor (HRD) Higher Education Commission (HEC), Islamabad</p>	<p>2-Prof. Dr. Muhammad Amjad Aulakh Dean Faculty of Agriculture University of Agriculture, Faisalabad</p>
<p>3-Prof. Dr. Ishtiaq Ahmad Rajwana Dean Muhammad Nawaz Sharif University of Agriculture, Multan</p>	<p>4-Prof. Dr. Saifullah Dean Faculty of Crop Protection The University of Agriculture, Peshawar</p>
<p>5-Prof. Dr. Saghir Ahmed Sheikh Dean Faculty of Crop Production Sindh Agriculture University, Tandojam</p>	<p>6-Prof. Dr. Ghulam Jilani Dean, Faculty of Agriculture, Lasbela University of Agriculture, Lasbela</p>
<p>7-Dr. Nadeem Amjad Member/Incharge Pakistan Agricultural Research Council, Islamabad</p>	<p>8-Dr. Abid Mahmood Director General Ayub Agriculture Research Institute, Faisalabad</p>
<p>9-Dr. Naveed Akhtar Director General Research Agriculture Research Institute, Tarnab, Peshawar</p>	<p>10-Dr. Muhammad Javed Tareen Director General Agriculture Research Institute Baleli, Chaman Road, Quetta</p>
<p>11-Mr. Ahmed Ali Zafar Additional Secretary, Planning (Agriculture) Agriculture Department, Government of Punjab Civil Secretariat, Lahore</p>	<p>12-Prof. Muhammad Aslam Niazi Principal Balochistan Agriculture College Baleli, Chaman Road, Quetta</p>
<p>13-Mr. Ahmad Said Chief Planning Officer Department of Agriculture, Livestock & Cooperatives KPK Secretariat, Peshawar</p>	<p>14-Dr. Tariq Bashir Deputy Chief (Science) Pakistan Council for Science and Technology (PCST), Sector G-5/2, Islamabad</p>
<p>15-Dr. Nihal-u-ddin Marri (Agronomist) Sugarcane Specialist Directorate General of Agriculture Research Tandojam, District Hyderabad</p>	<p>16-Dr. Liaqat Ali Bhutto Botanist Directorate General Agriculture Research Tandojam, Sindh</p>
<p>17-Mr. Sheikh M. Akmal Director M/s Acro Spinning & Weaving Mills Ltd Lahore Cantt</p>	<p>18-Mr. Waseem Amjad Mahmood Secy. Pak. Fruit Processors Association Shezan Intl. Ltd, 56 Bund Road, Lahore</p>
<p>19-Mr. Karim Aziz Malik Chief Executive M/s Barkat Rice Mills (Pvt) Ltd Plot No. 220-221, Street#1, I-10/3, Islamabad</p>	<p>20-Mr. Iskandar M. Khan Director Premier Sugar Mills & distillery Co. Ltd 20-A, Markaz, F-7, Islamabad</p>

Annexure-II

Minutes of 11th Meeting of NAEAC**Item #I: Confirmation of the Minutes of the Tenth Meeting of NAEAC**

1. Minutes of 10th meeting of the Council were presented by the Secretary for confirmation of the Council members. In the absence of any comments, *the minutes of tenth meeting of the Council were approved.*

Item #II: Overview of NAEAC's Operational Activities by Chairman, NAEAC

2. Chairman, NAEAC presented a brief overview of NAEAC operational activities during FY 2014-15. He noted that number of institutions offering agriculture related degree programs in Pakistan has doubled over the last 8 years increasing from 17 in 2007-08 to 34 in 2014-15. Majority of the new institutions appear to have been established without proper planning and preparation. Although most of these institutions are colleges and campuses of well-established universities, they do not meet the HEC requirements set for award of degree programs. Based on the accreditation rating of 236 degree programs as of 2014-15, two third of the degree programs offered are sub-standard as they fail to meet the essential criteria relating to faculty and infrastructure. The Chair highlighted the issues impacting on quality of education and sought the views /suggestions of the Council Members as many of them were representing the parent Universities of these colleges/campuses. Following is a gist of the observations and views expressed by the Chair/ Members.

- i. Some of the new degree programs being introduced are neither recognized by HEC nor accredited by the NAEAC.
- ii. The new campuses do not have adequate infrastructure and well equipped labs., nor qualified and experienced faculty.
- iii. The current trend of expansion in admission to undergraduate classes is at the cost of quality education and needs to be discouraged by HEC.
- iv. Lack of a clear policy regarding opening of new Campuses, Colleges, by the Higher Education commission has resulted in opening of such Campuses on adhoc basis and dilution of available resources.
- v. Geographic jurisdiction of the sub-campuses of main Universities lacks rationale and cost effectiveness. HEC needs to address this issue on urgent basis.

- vi. Opening of Public sector new institutions are often politically motivated and invariably set up without prior approval of or NOC from HEC.
- vii. HEC must make NOC as a precondition for the opening of new Institutions and/or Sub-Campuses whether politically driven or initiated by the University concerned.
- viii. The HEC/ACs should issue Parents Alerts particularly prior to and during the admission season to alert students, parents on the accreditation status of these Institutions.
- ix. Agriculture degree programs not meeting bare minimum requirements for accreditation should not be entertained for accreditation.
- x. The meeting agreed that NAEAC should bring these issues to the attention of Chairman HEC to ask the Institutions concerned to either discontinue the unaccredited programs or improve their quality and standards to meet the minimum accreditation rating as set out by HEC's Accreditation Councils.

Item# III: Consideration and Approval of the External Evaluation/ Ratings of Agriculture Degree Programs for 2014-15

3. During 2014-15, the Council carried out 13 on-site visits including 9 external evaluation/accreditation visits and four pre-accreditation or zero visits. The institutions visited included four each from Punjab and Khyber Pakhtunkhwa (KPK) and one from Balochistan. All these institutions are newly established i.e. during the last few years. Out of 26 programs evaluated, none met the minimum requirements for accreditation. More than 90 percent degree programs were rated in Y and Z categories which are sub-standard.

***Decision:** The Council approved the evaluation ratings recommended by the NAEAC and observed that HoDs concerned may be urged either to improve the quality of academic programs over a period of one year or discontinue these programs till the availability of requisite resources and quality enhancement to meet minimum standard (X₂) based on the external evaluation of these programs.*

Item# IV: Annual Work Plan and Proposed Budget for FY 2015-16

4. During 2015-16, the Council in consultation with agriculture education institutions concerned has planned external evaluation/accreditation of 50 degree programs at 17 Institutions in Punjab, Sindh, KPK and Balochistan. It has also planned to organize four quality assurance/ accreditation awareness seminars, two Council meetings, and four

Review Meetings on improving the quality of degree programs rated in less than X₂ category. The proposed budget is based on the planned program.

***Decision:** Annual Work Plan and proposed Budget of NAEAC for 2015-16 was discussed and approved by the Council members.*

Item# V: Review Meetings with Directors and HODs regarding Implementation Status of AIC Recommendations

5. The first cycle of accreditation of the degree programs by the Council was completed in five years from 2008-09 to 2012-13. It was followed by second round of accreditation to cover the new programs and institutions to ensure continuing evaluation of the new degree programs offered and those evaluated in less than X₂ category. It is also imperative for NAEAC to monitor the implementation status of the accreditation recommendations made for the improvement of the quality of the agriculture education degree programs covering teaching faculty, curriculum, infrastructures, teaching-learning resources and associated facilities listed under accreditation criteria and sub-criteria.

6. In this context, three Review Meetings were held with the Deans, Directors and HODs of the Institutions concerned at the University of Agriculture Faisalabad, University of Agriculture Peshawar and PMAS Arid Agriculture University Rawalpindi during 2014-15. It is planned to hold four such review meetings during 2015-16 with the remaining major institutions such as University of Sargodha, Sindh Agriculture University Tandojam, Bahauddin Zakriya University Multan and Gomal University D. I. Khan.

7. The meeting was apprised that the institutions with sub-standard performance will be re-visited for re-evaluation of the programs rated in category less than X₃ i.e. in Y and Z. All such institutions were sensitized about the minimum requirements for accreditation of their degree programs and were requested to make efforts to make up the deficiencies identified during evaluation, particularly in lab-equipment, text books, qualified faculty and provision of adequate IT facilities.

8. The Council members appreciated the initiative of NAEAC to hold Review Meetings. These meetings are needed to provide the current evaluation status of the degree programs and their accreditation ratings. They also help in identifying the substandard degree programs and constraints to, and opportunities for, quality improvement.

Decision: *The Council endorsed the proposal for holding Review Meetings during FY 2015-16 in the concerned institutions and emphasized the need to continue such reviews on regular basis.*

Item# VI: Revision of Pay Package of NAEAC Staff

9. The meeting was informed that the present pay package of NAEAC Secretariat Staff was based on the basic pay scales of HEC in 2006-07. By now, the professional staff of NAEAC has completed eight years of service and has gained valuable experience. The various HEC Accreditation Councils (ACs) have recently revised their pay scales with the approval of their Councils which are considerably higher than the current pay scales of NAEAC staff at the corresponding level of staff position such as Secretary, Admin/Finance Officer, IT-Coordinator and Office Attendant.

10. Accordingly, NAEAC after consultation with Director General, Quality Assurance Agency of HEC and other HEC Council's is proposing to adopt Government's basic pay scales (BPS) as adopted by HEC for officers and staff at corresponding levels of BPS-19, BPS-18, BPS-17 and BPS-2. Over, the last eight years, the Government of Pakistan has been revising the basic pay scales and grant of ad-hoc reliefs and other allowances from time to time. Based on current Government basic pay scales (2015), the salaries of the NAEAC Secretariat staff have been revised to Basic Pay Scales in BPS-19 (Secretary), BPS-18 (Deputy Director, Admin & Finance), BPS-17 (IT Coordinator) and BPS-2 (Dispatch Rider/Office Attendant) with effect from July 01, 2015. The revised pay packages of NAEAC Staff will be notified.

Decision: *The Council approved the revision of pay packages for NAEAC Secretariat employees based on Govt. BPS (2015) as adopted by HEC officers and staff at corresponding levels of BPS-19, BPS-18, BPS-17 and BPS- 2 retroactively with effect from July 01, 2015 as one-time adjustment and follow thereafter the rules and regulations of HEC for staff salaries, allowances and other benefits.*

Item# VII: Renewal of Service Contract of NAEAC Secretariat Staff

11. The Secretariat staff of National Agriculture Education Accreditation Council hitherto has been hired on annual contract basis since September, 2007. Period of contract of the staff expired in the 2nd week of September, 2015. As per rules of NAEAC, the Chairman is authorized to renew the service contract on the basis of satisfactory

performance of the incumbents. In view of the recommendations of the 10th Council Meeting held on September 15, 2014, to renew future contracts for two years instead of one, the Chairman, NAEAC was pleased to extend the service contract of the NAEAC Staff for a period of two years each with effect from September 2015. This is for the information of the Council Members.

Decision: *The Council endorsed the Chairman NAEAC decision to extend the contractual period of each contract from one year to two years in line with recommendations of the Council.*

Any Other Item:

i. Provision of Official Vehicle/Car for Council

12. The Council members showed their concern about logistical problems of NAEAC. They noted that the Secretary and Staff of the Council and external experts often have to travel by buses/taxis which is time consuming and unproductive. They asked the Chairman to take up this matter with HEC management from Council's platform to provide a used car from HEC pool to the Council or allow the purchase of a new economy car for official use.

Decision: *It was decided that the Council will take up the matter with HEC requesting therein for providing a used car to the Council. The maintenance and operational costs of the vehicle will be borne by the Council.*

ii. Regularization Case of NAEAC Staff

13. Some of the Council members pointed out that employees working in this Council are on contract for the last 8 years. They suggested to hire their services on regular basis with the consent of HEC. The Council may take up this important issue parallel to other Councils with HEC.

Decision: *It was agreed that the regularization case of the Council staff will be taken up with the HEC authorities for clarification regarding byelaws of NAEAC with respect to nature of employment of Council's employees.*

Annexure-III

AIC Evaluation Rating³ of Degree Programs, 2015-16

University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
1. Karakorum International University, Gilgit (B.Sc. & M.Sc.)			
Department of Agriculture & Food Technology AIC Report # 150	Aug 20-21, 2015	Middle band of 'Y ₂ ' with 58% score	<p>Strength</p> <ul style="list-style-type: none"> • Adoption of HEC approved curriculum of 142 credit hours for B.Sc. (Hons). <p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of senior and Ph.D. qualified faculty. • Inadequate labs. and shortage of machinery and tools for food processing and preservation. • Insufficient text books/reference books and research journals. • Lack of internship program in the final semester of B.Sc. (Hons). • Limited study tours and field trips.
2. Balochistan Agriculture College, Quetta (B.Sc. & M.Sc.)			
Department of PBG AIC Report # 148	Sep 7-8, 2015	Lower band of 'Y ₃ ' with 53% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Lack of Ph.D. qualified, senior and well experienced faculty members of associate and professor level. • Shortage of lab equipment including biotechnology and tissue culture. • Shortage of class rooms and faculty offices. • Limited opportunities for higher education and teachers training. • Non-availability of qualified and trained lab staff. • Insufficient text books and reference books as well as inadequate research facilities and resources.
Department of Agronomy AIC Report # 149	Sep 7-8, 2015	Upper band of 'Y ₁ ' with 62% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • None of faculty members is Ph.D. qualified, a few are even with bachelor's degree. • Serious shortage of needed labs and lab equipment. • Very few recommended text books of latest editions. • Non-existence of IT facilities including internet, multimedia, digital library. • No well-planned research farm with farm machinery and implements.
Department of Soil Science AIC Report # 149	Sep 7-8, 2015	Upper band of 'Y ₁ ' with 64% score	<p>Strength</p> <ul style="list-style-type: none"> • Field trips and study tours conducted regularly. <p>Weaknesses</p> <ul style="list-style-type: none"> • Insufficient, young and inexperienced teaching faculty. • Lack of lab equipment for undergraduate and graduate students. • Grossly inadequate IT facilities. • Very limited text/reference books and reference material. • Shortage of farm machinery, implements and well planned research farm. • Paucity of operational budget for labs, library and research farm.

³ Degree programs rated in Y and Z categories are non-accredited.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
Department of Plant Pathology AIC Report # 151	Sep 7-8, 2015	B.Sc. Upper band of 'Y1' with 62% score M.Sc. Lower band of 'Y3' with 54% score	Weaknesses <ul style="list-style-type: none"> • Lack of Ph.D. qualified faculty, existing faculty lacks specialization in certain areas of pathology. • Shortage of labs and lab equipment for post graduate research. • No access to digital lib, journals and latest editions of text books. • Inadequate class rooms, faculty offices. • Untrained and unqualified technical support staff in the lib, labs and at the research farm. • Lack of greenhouse facilities.
Department of Entomology AIC Report # 152	Sep 7-8, 2015	B.Sc. Upper band of 'Y1' with 61% score M.Sc. Lower band of 'Y3' with 52% score	Weaknesses <ul style="list-style-type: none"> • Faculty is young, inexperienced and inadequately qualified. • Lack of lab equipment for teaching and research purposes. • Grossly inadequate learning resources including IT facilities, text books and journals etc. • Technical supports staff is untrained and inexperienced.
Department of Horticulture AIC Report # 153	Sep 7-8, 2015	Upper band of 'Y1' with 61% score	Weaknesses <ul style="list-style-type: none"> • Shortage of Ph.D. qualified and experienced faculty. • Non-availability of greenhouse and plant nursery as well as experimental orchards. • Inadequate text books and reference material. • Weak coordination and linkages. • Inadequate operational funds. • Weak internship program with little supervision and linkages.
3. University of Haripur (B.Sc.)			
Department of Entomology AIC Report # 155	Nov 12, 2015	Upper band of 'Y1' with 60% score	Strength <ul style="list-style-type: none"> • Well-equipped classrooms with needed facilities. Weaknesses <ul style="list-style-type: none"> • Shortage of permanent and senior level faculty members. • Non-availability of adequate laboratories, equipment and research facilities. • Limited access to the international journal and reference material. • Inadequate infrastructure as, teachers offices and staff rooms.
Department of Soil Science AIC Report # 157	Nov 12, 2015	Middle band of 'X2' with 74% score	Strength <ul style="list-style-type: none"> • Young highly foreign qualified faculty of five including three Ph.D. Weaknesses <ul style="list-style-type: none"> • Inadequate experimental farm research facilities for post-graduate students and the faculty. • Green house and growth chamber facilities are not available. • Exposure of students through field trips and study tours is limited.
Department of PBG AIC Report # 156	Nov 12, 2015	Upper band of 'Y1' with 62% score	Strength <ul style="list-style-type: none"> • Qualified faculty with Ph.D. in different areas of plant breeding. Weaknesses <ul style="list-style-type: none"> • Limited infrastructure and teaching facilities, i.e seminar room, staff room etc. • Inadequate number of books and reference material.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
Department of Horticulture AIC Report # 161	Nov 12, 2015	Upper band of 'Y1' with 62% score	<p>Strength</p> <ul style="list-style-type: none"> • Young and qualified but junior faculty of five is available. <p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of permanent and senior/experienced faculty members as associate professors. • Inadequate labs with limited lab equipment. • Insufficient number of recommended text and reference books and periodicals. • Limited and unskilled supporting staff.
Department of Food Science and Technology AIC Report # 163	Nov 12, 2015	Upper band of 'Y1' with 60% score	<p>Strength</p> <ul style="list-style-type: none"> • Syllabus of B.Sc. (Hons) is adopted as recommended by HEC. <p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of Ph.D. qualified faculty of associate professor and lecturers. • The internship course not included in the final semester of B.Sc. (Hons) degree program. • Labs for food processing and sensory evaluation do not exist. • Unqualified lab staff. • Shortage of the research journals of food science.
Department of Agronomy AIC Report # 160	Nov 12, 2015	Upper band of 'Y1' with 62% score	<p>Strength</p> <ul style="list-style-type: none"> • Out of five faculty members, four are Ph.D. with adequate teaching experience. <p>Weaknesses</p> <ul style="list-style-type: none"> • Very limited research farm area and farm implements. • Linkages with other academic and research institution are weak. • Co-curriculum, recreational and refreshment facilities are inadequate. • Insufficient support staff, offices, lecture room and only one laboratory with limited space and equipment.
4. Bacha Khan University, Charsadda (B.Sc.)			
Department of PBG AIC Report # 159	Nov 18, 2015	Upper band of 'Y1' with 63% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Ill-equipped PBG laboratories. • Some relevant course books are available but no access to the international Journals. • Limited and unskilled supporting staff for the laboratories. • Lack of established experimental farm with farm implements.
Department of Agronomy AIC Report # 164	Nov 18, 2015	Middle band of 'Y2' with 59% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Insufficient senior level experienced faculty. • Lack of multimedia facility, overhead projector required as teaching aids. • Absence of well-developed and well equipped research farm. • Insufficient agronomy textbooks, reference material with subscribed journal.
Department of Entomology AIC Report # 168	Nov 18, 2015	Middle band of 'Y2' with 56% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Lack of full time regular faculty. • Existing labs with limited lab equipment. • Very few books on entomology are available. • Lack of greenhouse facilities. • Very limited indoor and outdoor sports facilities. • Grossly inadequate IT facilities.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
5. University of Agriculture Faisalabad (B.Sc. & M.Sc.)			
Department of Agribusiness and Marketing AIC Report # 154	Dec 02, 2015	Lower band of 'X3' with 66% score	<p>Strengths</p> <ul style="list-style-type: none"> • Availability of suitable physical infrastructure, play grounds, sports facilities, main library and the video-conferencing network of UAF. • Provision of UAF umbrella for building linkages with industry and forging collaboration with the reputed business schools. <p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of high caliber and experienced faculty and professional leadership. • Weak linkages with reputed business schools, PCSIR, NTUF, UVAS, UNIDO, IFPRI, chambers of commerce and industry, and the financial institutions. • Limited capacity for quality research. • Limited opportunities and less conducive environment for faculty development. • Weak resourcefulness and creative faculties of students, a large majority of whom belong to the low economic and social strata of rural Punjab.
Department of Seed Science and Technology B.Sc. (Hons) AIC Report # 162	Dec 04, 2015	Upper band of 'X2' with 70% score	<p>Strengths</p> <ul style="list-style-type: none"> • Highly qualified and experienced multi-disciplinary faculty. • Research farm, glasshouse/net house and low-cost tunnel facilities are available. <p>Weaknesses</p> <ul style="list-style-type: none"> • Deficiencies in laboratories, class rooms and office facilities. • Lack of capacity building programs for technical support staff. • Shortage of operational funds for research and maintenance.
6. Govt. College University for Women Faisalabad (B.Sc.)			
Department of Home Economics and Food Science AIC Report # 158	Dec 03, 2015	Upper band of 'Y1' with 60% score	<p>Strength</p> <ul style="list-style-type: none"> • Tuition fee structure of the degree program is affordable. <p>Weaknesses</p> <ul style="list-style-type: none"> • Lack of senior level faculty. • Non-existence of statutory bodies of Board of Studies and Board of Faculty. • Lack of laboratory space and needed equipment. • Very few subject related text books and reference books. • Lack of exposure of students to other Universities and research institutions.
7. University of Swabi (B.Sc.)			
Department of Food Science and Technology AIC Report # 167	Jan 27, 2016	Upper band of 'Y1' with 60% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Junior and inexperienced faculty of three having one assistant professor and two lecturers on regular basis. • Sensory evaluation lab is still not available, lack of equipment in the existing lab. • Shortage of recommended textbooks. • Little improvement has been shown by faculty in students examinations and documents maintenance.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
Department of Agronomy AIC Report # 166	Jan 27, 2016	Lower band of 'X3' with 65% score	<p>Strength</p> <ul style="list-style-type: none"> • Qualified, motivated but junior level faculty of four including three Ph.D. <p>Weaknesses</p> <ul style="list-style-type: none"> • Lack of office, laboratory space and lecture rooms. • Inadequate textbooks and IT facilities. • Absence of well-developed and equipped research farm. • Lack of exposure of students to other Universities, research institutions. • Non-availability of campus residential facilities for students and young faculty.
Department of Entomology AIC Report # 165	Jan 27, 2016	Middle band of 'Y2' with 55% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of faculty including professor and associate professor. • Lack of labs and lab equipment. • Very few books on entomology are available. • Insufficient research and reference material. • Poor insect collection for practical and research work.
Department of Horticulture AIC Report # 169	Jan 27, 2016	Middle band of 'Y2' with 59% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of experienced and senior level faculty. • Inadequate space for class rooms, laboratories and field work. • Non-availability of nursery both fruit and ornamental, green house, shade house, plastic tunnels. • Inadequate internet facility for faculty and students.
8. Jinnah University for Women, Karachi (B.Sc.)			
Department of Food Science and Technology AIC Report # 173	Feb 11, 2016	Middle band of 'Y2' with 59% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of senior, full time permanent faculty, all faculty members on contractual basis. • The department does not have food engineering lab, food quality control lab, food analysis lab, post-harvest lab, and food analytical lab. • Lab safety equipment was not found including first-aid boxes in the labs. • Lack of digital library facilities. • Serious shortage of latest editions of recommended text books.
9. BZU Sub-Campus, Layyah (B.Sc.)			
Department of Horticulture AIC Report # 170	Feb 22, 2016	Lower band of 'X3' with 69% score	<p>Strengths</p> <ul style="list-style-type: none"> • The Ph.D. faculty (4 assistant professors) having international exposure. • Establish citrus and grapes orchard, well equipped field lab with staff. <p>Weaknesses</p> <ul style="list-style-type: none"> • No independent Board of Studies and Faculty Board.
Department of Entomology AIC Report # 171	Feb 22, 2016	Upper band of 'Y1' with 62% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Shortage of teaching faculty of professor or associate professor level. • Farm machinery and implements are insufficient for research. • Number of books and latest editions of text books are very few. • Lack of requisite labs and lab equipment.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
10. Govt. College University Faisalabad, Layyah-Campus (B.Sc.)			
Department of Agronomy AIC Report # 174	Feb 22, 2016	Lower band of 'Z3' with 25% score	Weaknesses <ul style="list-style-type: none"> • Absence of senior faculty in agronomy. • Poor leaning resources; few irrelevant pirated books; no journals and reference material. • Agronomy program is without any statutory body of BoS and BoF. • Absence of experimental farm for training of agronomy students and no farm machinery. • Grossly inadequate equipment.
Department of Food and Nutrition AIC Report # 183	Feb 22, 2016	Lower band of 'Y3' with 54% score	Weaknesses <ul style="list-style-type: none"> • Grossly insufficient faculty of four non-Ph.D. lecturers with little or no teaching experience. • Lack of needed lab equipment to make students practically strong. • Lack of internship program. • Lack of latest editions of recommended books and reference books. • Non-existence of statutory bodies such as Board of Studies and Board of Faculty.
11. UAF Sub-Campus, Burewala (B.Sc.)			
Department of Soil Science AIC Report # 172	Feb 23, 2016	Upper band of 'Y1' with 62% score	Strength <ul style="list-style-type: none"> • Substantial availability of classrooms, laboratories, and offices to furnish the current demand of teaching and research. Weaknesses <ul style="list-style-type: none"> • Acute shortage of faculty to share the work load. • Insufficient lab equipment and instruments. • Old curriculum with lot of shortfalls including nomenclature and contents. • Lack of well-developed and equipped agriculture farm for research and practicals. • Lack of latest editions of textbooks. • Lack of necessary facilities in offices, lecture rooms and laboratories.
Department of Agronomy AIC Report # 175	Feb 23, 2016	Upper band of 'Y1' with 61% score	Strength <ul style="list-style-type: none"> • Faculty of two young and motivated assistant professors and two lecturers. Weaknesses <ul style="list-style-type: none"> • Non- availability of senior faculty of at least associate level with adequate teaching experience. • Lab equipment and lab staff is inadequate. • Shortage of recommended textbooks and no access to HEC digital library. • Under-developed experimental farm at Burewala and traditional farm implements. • Limited in-door and out-door sports activities.
Department of Plant Pathology AIC Report # 176	Feb 23, 2016	Lower band of 'X3' with 66% score	Strength <ul style="list-style-type: none"> • Teaching faculty of five members including four Ph.Ds. Weaknesses <ul style="list-style-type: none"> • Shortage of lab equipment, chemicals and diagnostics. • Inadequately equipped class rooms and faculty offices. • Non-availability of greenhouse and allied facilities.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
Department of Horticulture AIC Report # 178	Feb 23, 2016	Upper band of 'Y1' with 62% score	Weaknesses <ul style="list-style-type: none"> • Acute shortage of senior and experienced faculty. • Lack of greenhouse, lath house, experimental orchards and vegetable area. • Insufficient textbooks and other reference material. • Limited funds for equipment, instruments, glassware. • No focus on study tours and students practical training, thus no exposure of students.
12. Muhammad Nawaz Sharif University of Agriculture, Multan (B.Sc.)			
Department of Agronomy AIC Report # 179	April 18, 2016	Upper band of 'Z1' with 49% score	Weaknesses <ul style="list-style-type: none"> • Faculty members consist of junior, inexperience and temporary teachers. • Inadequate laboratory equipment and controlled condition facilities. • Under-developed expt. farm and no new farm machinery. • Insufficient number of latest editions of text/reference books.
Department of Entomology AIC Report # 177	April 18, 2016	Upper band of 'Y1' with 61% score	Strength <ul style="list-style-type: none"> • Well qualified and sufficient faculty is available. Weaknesses <ul style="list-style-type: none"> • Inadequate laboratory space and equipment. • Experimental farm is under-developed with very little farm machinery. • Number of books and latest editions of text books are insufficient. • The faculty offices are inadequate and ill-equipped for peaceful academic environment.
Department of Soil Science AIC Report #	April 18, 2016	Upper band of 'Y1' with 62% score	Strength <ul style="list-style-type: none"> • Faculty of five with three Ph.D. including one associate professor and one assistant professor each and two lecturers. Weaknesses <ul style="list-style-type: none"> • One small size lab-cum-class room with limited equipment. • Very few recommended textbooks on soil science. • Inadequate IT facilities and other learning resources. • Non-availability of experimental research farm and greenhouse. • Limited opportunities for students for study tours and trips.
Department of PBG AIC Report # 181	April 18, 2016	Upper band of 'Y1' with 64% score	Strength <ul style="list-style-type: none"> • Experienced and well qualified senior professors and young regular teaching faculty. Weaknesses <ul style="list-style-type: none"> • Absence of well-equipped PBG labs. for quality and result oriented research. • Class rooms space is insufficient as compared to the number of students. • Lack of green house facility for controlled experimentation. • Agricultural farm is needed to be improved. • Lack of farm machinery for timely sowing and harvesting of crop. • Latest editions of text books are insufficient. • Lack of technically trained laboratory staff.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
13. IAGS, University of the Punjab, Lahore (B.Sc. & M.Sc.)			
Department of Food Science AIC Report # 192	May 4, 2016	Lower band of 'X3' with 65% score	<p>Strength</p> <ul style="list-style-type: none"> Teaching faculty of five Ph.D. members of assistant professor level with three regular teachers. <p>Weaknesses</p> <ul style="list-style-type: none"> Shortage of lab equipment for advanced research in certain specialized areas of food science especially cereals, meat and dairy technology. Insufficient budget to meet the minimum requirements for laboratories and research. Pilot-scale food processing plants for students orientation and training is not in place.
14. The University of Poonch, Rawalakot (B.Sc. & M.Sc.)			
Department of Entomology AIC Report # 182	May 19, 2016	Lower band of 'X3' with 65% score	<p>Strengths</p> <ul style="list-style-type: none"> Ph.Ds faculty of six members comprising three professors and three lecturers. Three well equipped (taxonomy lab, IPM lab, molecular biology lab) labs with modern equipment. <p>Weaknesses</p> <ul style="list-style-type: none"> Insufficient transport facilities for frequent field visits. Access to HEC digital library is poor and under progress. Inadequate space for faculty offices and class rooms for quality education.
Department of Agronomy AIC Report # 195	May 19, 2016	Upper band of 'Y1' with 64% score	<p>Strength</p> <ul style="list-style-type: none"> Eight faculty members out of which five are Ph.D. <p>Weaknesses</p> <ul style="list-style-type: none"> Linkages with the farming community are very poor. Isolated and distant location of the university. Low intake of the students. No hostel facility for students and faculty. Underdeveloped research farm with modest research activities.
Department of Food Science AIC Report # 186	May 19, 2016	Lower band of 'X3' with 68% score	<p>Strengths</p> <ul style="list-style-type: none"> Faculty of eight including two professors, one associate and two assistant professors and two lecturers and one research associate. Three adequately equipped functional labs. <p>Weaknesses</p> <ul style="list-style-type: none"> Lack of Ph.D. qualified faculty for courses of cereal technology, food microbiology, food engineering and food chemistry. Food processing lab is small in size, sensory evaluation lab is not available. Shortage of machinery and tools for food processing & preservation. Examination grading scale is not similar adopted by other agriculture universities. Lack of indoor and outdoor sports facilities.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
Department of Horticulture AIC Report # 193	May 19, 2016	B.Sc. (Hons) Middle band of 'X2' with 74% score M.Sc. (Hons) Middle band of 'X2' with 73% score	Strength • Qualified and well experienced faculty. Weaknesses • Shortage of permanent faculty members as associate professors and assistant professors. • Lack of space/infrastructure. • Lack of sophisticated instruments in lab. • No access to the international journals and reference material. • Underdeveloped experimental farm.
15. UCA, Islamia University, Bahawalpur (B.Sc. & M.Sc.)			
Department of Agronomy AIC Report # 180	May 24, 2016	Upper band of 'Y1' with 60% score	Strength • Ph.D. qualified and experienced but junior level faculty of 11 members. Weaknesses • Limited laboratory/class rooms/faculty office facilities. • Insufficient IT facilities, learning resources and outdated computers in the lab. • Very few recommended text books/reference books and subscribed journals. • Controlled and semi controlled experimental facilities do not exist.
Department of Entomology AIC Report # 184	May 24, 2016	Upper band of 'Y1' with 62% score	Strength • Faculty is quite active in research and publication of quality research papers. Weaknesses • Insufficient number of journals and books. • Laboratory space is insufficient for the degrees offered. • Lack of proper offices for the faculty. • No faculty training program exists. • No linkages with other institutes/ departments.
Department of Food Science & Technology AIC Report # 188	May 24, 2016	Middle band of 'Y2' with 59% score	Weaknesses • Lack of full time regular faculty of senior level. • Grossly inadequate lab facilities and lab equipment. • Shortage of recommended text books and reference books. • Limited access to IT facilities and reference material. • Limited opportunities for study tours and industrial trips.
Department of PBG AIC Report # 190	May 24, 2016	Lower band of 'X3' with 66% score	Strength • Five faculty members including one professor, three assistant professors (TTS) and one lecturer. Weaknesses • No well- established laboratories except one molecular lab. • Inadequate space for class rooms and offices. • Lack of latest text books in the library. • Non-availability of glass house facility.

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University/Department	Period of Inspection	Degree Program Rating	Strengths/Weaknesses
16. Ghazi University, D. G. Khan (B.Sc. & M.Sc.)			
Department of Soil & Environmental Sciences AIC Report # 185	May 25, 2016	Upper band of 'Y1' with 61% score	<p>Strength</p> <ul style="list-style-type: none"> • Qualified teaching faculty of four Ph.D. and one M.Sc. (Hons). <p>Weaknesses</p> <ul style="list-style-type: none"> • Lack of adequate infrastructure and learning resources. • Lack of necessary gadgets in offices, lecture rooms and laboratories. • Non-availability of well-developed experimental farm with few farm implements.
Department of Horticulture AIC Report # 187	May 25, 2016	Lower band of 'Y3' with 54% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Non-availability of senior faculty at the level of professor or associate professor. • Shortage of labs and lab equipment. • Limited IT/computing facilities and no access to HEC digital library. • Inadequate space for faculty offices, class rooms and laboratory. • Old curriculum followed especially for undergraduate degree program. • No focus on students practical training and study tours.
Department of Entomology AIC Report # 189	May 25, 2016	Middle band of 'Y2' with 57% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • There is no senior faculty in the department. • Laboratories are inadequately equipped. • No green house is available for experiments to be carried out under controlled conditions. • There is serious shortage of class rooms and laboratory space. • Library is seriously deficient in number of books and Entomology journals. • Students and teachers have no access to HEC digital library.
Department of PBG AIC Report # 191	May 25, 2016	Middle band of 'Y2' with 59% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Serious shortage of senior and Ph.D. qualified faculty. • Inadequate laboratory facilities with limited lab equipment. • Shortage of latest reference and text books in the library. • Inadequate faculty offices and class rooms without multimedia facilities. • Unmanaged research farm with limited farm machinery and implements.
Department of Agronomy AIC Report # 194	May 25, 2016	Lower band of 'Y2' with 55% score	<p>Weaknesses</p> <ul style="list-style-type: none"> • Absence of senior faculty of professor and associate professor. • Inadequate laboratory equipment to meet the research needs of postgraduate students. • Insufficient funds for the purchase of books and no subscription to journals. • Poor mechanization and irrigation water scarcity at research farm. • Lack of state-of-the-art controlled-environment facility and a well-furnished computer lab. • Centralization of financial and administrative powers.

Annual Audit Report of NAEAC, 2015-16



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AUDITOR'S REPORT TO THE SECRETARY

We have audited the accompanying statement of cash receipts and expenditures of National Agriculture Education Accreditation Council (NAEAC), Islamabad for the year ended June 30, 2016 and a summary of significant accounting policies and other explanatory information (here-in-after referred to as the 'financial statement')

Basis of Preparation

The financial statement has been prepared by the management in accordance with the cash receipts and expenditures basis of accounting as described in note 3 thereto.

Management' Responsibility for the Financial Statements

The Council is responsible for the preparation and fair presentation of this financial statement in accordance with the cash receipts and expenditures basis of accounting described in note 3, and for such internal control as the council determines is necessary to enable the preparation of the financial statement that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on the financial statement based on our audit. We conducted our audit in accordance with the approved auditing standards as applicable in Pakistan. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statement is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statement. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statement, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statement in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates, if any, made by the Council, as well as evaluating the overall presentation of the financial statement.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statement presents fairly, in all material respects, the statement of cash receipts and expenditures of National Agriculture Education Accreditation Council for the year ended June 30, 2016 in accordance with the cash receipts and expenditures basis of accounting as described in note 3.

ISLAMABAD

Dated: August 07, 2016

ZIA MASOOD KIANI & CO.
(Chartered Accountants)

Engagement Partner
Zia Ullah- FCA



Targeting Success :- audit and advisory | company secretarial | corporate finance | financial planning | forensic | outsourcing | payroll | taxation

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**NATIONAL AGRICULTURE EDUCATION
ACCREDITATION COUNCIL**

**RECEIPTS AND EXPENDITURES STATEMENT
FOR THE YEAR ENDED JUNE 30, 2016**

	Note	2016 (Rupees)
Receipts	4	4,675,000
Expenditures		
Establishment costs		3,090,528
Honorarium for program evaluators		310,000
Other benefits		150,000
TA/DA		802,362
Transportation		160,310
Vehicle expenses		129,880
Communication		54,281
Stationery and other supplies		45,504
Printing and publications		96,613
Miscellaneous expenses		23,536
Computer and office equipment		33,447
Furniture and fixtures		-
Audit expenses		31,200
Publicity and advertisement		325,828
Meeting and seminars		134,807
		5,388,296
Excess of Expenditure over Receipts		(713,296)

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The annexed notes from 1 to 8 form an integral part of these financial statements.


SECRETARY


FINANCE OFFICER

Contd...

**NATIONAL AGRICULTURE EDUCATION
ACCREDITATION COUNCIL**

**NOTES TO THE RECEIPTS AND EXPENDITURES STATEMENT
FOR THE YEAR ENDED JUNE 30, 2016**

Note 1

Council and its Operations

National Agriculture Education Accreditation Council (NAEAC) was established by Higher Education Commission (HEC) in October, 2006. It's scope of work is to accredit degree programs of institutions and their departments, faculties and disciplines of agricultural education by giving them appropriate ratings.

Note 2

Statement of Compliance

The Receipts and Expenditures Account has been prepared in accordance with the basis of accounting as described in Note 3.

Note 3

Basis Of Preparation

The Receipts and Expenditures Account has been prepared under the cash basis. In cash basis of accounting revenue is recognized when received rather than when earned and expenses are recognised when payments are made rather than when incurred.

Note 4

Receipts

	Note	2016 Rupees
Annual grant from Higher Education Commission		4,000,000
Accreditation fee	4.1	675,000
		<u>4,675,000</u>
4.1 Accreditation fee		
G.C.University Faisalabad Layyah Campus		75,000
Government College Women University, Faisalabad		75,000
University of Agriculture, Faisalabad		75,000
Bahauddin Zakaria University Bahadar Sub Campus Layyah		75,000
University of Agriculture Faisalabad Sub Campus Burewala-Vehari		125,000
Muhammad Nawaz Shreef University of Agriculture, Multan		100,000
Ghazi Universtiy, D.G.Khan		100,000
University of Poonch, Rawalakot		50,000
		<u>675,000</u>

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NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL*Notes to the Financial Statements*

Note 5

Variance Analysis

	Budgeted	Actual	Variance	
	Rupees	Rupees	Rupees	Percentage
Establishment costs	3,103,748	3,090,528	13,220	0%
Honorarium for program evaluators	320,000	310,000	10,000	3%
Other benefits	150,000	150,000	-	0%
TA/DA	810,000	802,362	7,638	1%
Transportation	150,000	160,310	(10,310)	-7%
Vehicle expenses	140,000	129,880	10,120	7%
Communication	50,000	54,281	(4,281)	-9%
Stationery and other supplies	70,000	45,504	24,496	35%
Printing and publications	100,000	96,613	3,387	3%
Miscellaneous expenses	30,000	23,536	6,464	22%
Computer and office equipment	35,000	33,447	1,553	4%
Furniture and fixtures	30,000	-	30,000	100%
Audit expenses	32,000	31,200	800	3%
Publicity and advertisement	310,000	325,828	(15,828)	-5%
Meetings / seminars	150,000	134,807	15,193	10%
	<u>5,480,748</u>	<u>5,388,296</u>	<u>92,452</u>	

Note 6

Cash and Bank

	Note	2016 Rupees
Cash in hand		4,569
Cash at bank		1,599,699
		<u>1,604,268</u>

Note 7

Tax Payable

	Note	2016 Rupees
Withholding Tax Payable		
- Salaries		7,391
- Supplies		653
- Honorarium		10,360
Sales tax on local purchase		190
		<u>18,594</u>

Note 8

General

8.1 Figures in these financial statements have been rounded off to the nearest rupee.

8.2 These financial statements were authorized for issue by Council on 01/08/16


SECRETARY --


FINANCE OFFICER

Press Releases

Higher Education Commission, Pakistan
News & Views
 September/October 2015

NAEAC Body Inspects Food Science Degree Programmes at KIU

The Accreditation Inspection Committee (AIC) of National Agriculture Education Accreditation Council (NAEAC) held an on-site visit to the Department of Agriculture and Food Science, Karakorum International University, Gilgit, to examine the degree programmes on Food Science.



Dr. M.E. Tusneem, Chairman NAEAC, led the AIC team comprising Prof. Dr. Muhammad Faqir Anjum from Government College University, Faisalabad, and Prof. Dr. Alam Zeb from the University of Agriculture, Peshawar. The AIC team was briefed by the Chairman Department of Agriculture and Food Science regarding the KIU faculties, departments and disciplines especially the Food Science degree programmes.

Similarly, the KIU Coordinator also delivered a presentation on Food Science as a discipline. The team also visited the laboratories, classrooms, library and computer halls. It also held meetings with the faculty members and got feedback from students of BSc. (Hons.) and MSc. (Hons.) in Food Science.

The Chairman NAEAC along with AIC team met VC of KIU. They talked about maintaining and enhancing the quality of education in Food Science degree programmes being offered by KIU, Gilgit.

Higher Education Commission, Pakistan
News & Views
 July/August 2015

NAEAC AICs Visit LUAWMS



An on-site visit of Accreditation Inspection Committees (AICs) of National Agriculture Education Accreditation Council (NAEAC) to degree programmes (BSc Hons) of Agronomy, Soil Sciences, Plant Breeding and Genetics, Entomology, and Horticulture Entomology at Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS) was carried out.

The on-site visit was commenced with an overview of the degree programmes as given by each Head of Department followed by an examination of the records and documents of course files, review reports, records of meetings, assessment instruments, admission and withdrawal policies, dropouts, average CGPAs, average intake and yield index. An interaction was managed with each faculty member, while a meeting with the groups of undergraduate students was organized to obtain their views. A participatory SWOT analysis with all the faculty members and students was carried out.

Secretary NAEAC also organized an awareness seminar on quality assurance and accreditation of degree programmes. It was attended by the faculty members and was chaired by the Vice Chancellor of the university.

The overall objective of external assessment and accreditation process is to improve the quality of higher education and enhance the capacity of institutions.

Higher Education Commission, Pakistan
News & Views
 November/December 2015

NAEAC Reviews Progress on Accreditation

The 11th meeting of National Agriculture Education Accreditation Council (NAEAC) of HEC was held at the Commission Secretariat.

Dr. M. E. Tusneem, Chairman NAEAC, presided over the meeting. Dr. Riaz Hussain Qureshi, former Adviser HEC, and other Council Members representatives of the agriculture universities and Research and Development (R&D) institutions in public and private sector also attended the meeting.

The Council reviewed progress on Accreditation activities during 2014-15 carried out in different agriculture institutions in the country.

It was noticed with concern that evaluation rating of the newly initiated degree programmes generally in the newly established institutions is low and unsatisfactory implying these programmes do not meet some of the major criteria/standards of HEC.

On the occasion, the Annual Work Plan for the Fiscal Year (FY) 2015-16 was endorsed subject to minor modifications. Approval of the budget for FY 2015-16 was also accorded.

Workshop for NAEAC Programme Evaluators

A three-day training workshop was recently organized for Programme Evaluators of National Agriculture Education Accreditation Council (NAEAC) in Islamabad.

Prof. Dr. Jianxin Zhang was the resource person. She has

expertise in Quality Assurance and Accreditation with considerable international experience of institutional and programme review. Dr. Jianxin is the Board Member of Asia-Pacific Quality Network (APQN); Adviser of the International Quality Group

(CIQG), USA; Director of the Research Sector of HERI in Yunnan University, China.

Based on provincial as well as institutional representation, 30 participants for the workshop were nominated for the training workshop.

Higher Education Commission, Pakistan
News & Views
 January/February 2016

NAEAC Reviews Standard of Agri Education Institutions



The National Agriculture Education Accreditation Council (NAEAC) held its 10th meeting to review the standard of agriculture education institutions in the country. The meeting noticed that about 40 per cent of the degree programmes offered by all the agriculture education

institutions are substandard and need major improvements in terms of quality.

These programmes failed to meet some of the major criteria and were rated in X, Y and Z categories. The feedback from employers of the public and private sector agencies

also indicated a decline in the quality of recent graduates.

The Council members stressed approaching the Vice Chancellors and Deans of universities to discuss the issue and take measures to improve the quality and evaluation ratings. Meetings will be held with the Deans, Directors and HoDs of disciplines concerned to review the status of implementation of accreditation recommendations meant for improvement in quality of degree programmes.

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Picture Gallery



11th Council Meeting



Visit of AICs to KIU, Gilgit



Visit of AICs to Balochistan Agriculture College, Quetta



Visit of AIC to GCWU, Faisalabad



Visit of AICs to Bacha Khan University, Charsadda



Visit of AICs to University of Haripur



Visit of AICs to University of Swabi



Visit of AICs to BZU, Layyah



Visit of AICs to University of Agriculture Faisalabad



Visit of AIC to Jinnah University for Women, Karachi



Visit of AICs to UCA, Islamia University, Bahawalpur



Visit of AICs to Ghazi University, D.G. Khan



Review Meeting at BZU, Multan



Review Meeting at SAU, Tandojam



Awareness Seminar at University of Sargodha, Lyallpur Campus

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