



ANNUAL REPORT 2021-2022



Secretariat

14-016, N Block, Higher Education Commission, H-8/1, Islamabad
Phone No. 051-90802680-2, Email: info@naeac.gov.pk, www.naeac.org

National Agriculture Education Accreditation Council
Higher Education Commission Islamabad

ANNUAL REPORT

2021-2022

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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 and allied degree programs in private and public sector agriculture education institutions of Pakistan.

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

- Plan and implement a comprehensive program of accreditation of agriculture and allied degree programs.
- Programs leading to degrees 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 and allied higher education institutions on the quality and accreditation ratings of their programs and recommendations for improvement.

ACRONYMS

AAAS	Agriculture Accreditation Automation System
AARI	Ayub Agricultural Research Institute
AAS	Atomic Absorption Spectrometry
AIC	Accreditation Inspection Committee
AJK	Azad Jammu and Kashmir
AMK	Amir Muhammad Khan
ARI	Agricultural Research Institute
AV	Audio Visual
BASR	Board of Advanced Studies and Research
BoF	Board of Faculty
BoS	Board of Studies
BPS	Basic Pay Scale
BZU	Bahauddin Zakariya University
CABB	Centre of Agricultural Biochemistry and Biotechnology
CAS	Complex Adaptive Systems
CCRI	Central Cotton Research Institute
CN	Carbon and Nitrogen
CRI	Citrus Research Institute
CRS	Cotton Research Station
CUVAS	Cholistan University of Veterinary and Animal Sciences
DSA	Directorate Student Affairs
DVM	Doctor of Veterinary Medicine
ED	Executive Director
FRI	Fodder Research Institute
FSC&RD	Federal Seed Certification and Registration Department
FST	Food Science and Technology
GB	Gilgit-Baltistan
GC	Gas Chromatography
GCMS	Gas Chromatography Mass Spectrometry
GCUF	Govt. College University Faisalabad
GIS	Geographic Information System
HEC	Higher Education Commission
HEI	Higher Education Institution
HJRS	HEC Journal Recognition System
HND	Human Nutrition and Dietetics
HoD	Head of Department
IATI	Inservice Agriculture Training Institute
IBGE	Institute of Biotechnology and Genetic Engineering

ACRONYMS

ICP-MS	Inductively Coupled Plasma Mass Spectrometry
ICT	Information and Communications Technology
ISES	Institute of Soil and Environmental Sciences
IT	Information Technology
KFUEIT	Khwaja Freed University of Engineering & Information Technology
KIU	Karakoram International University
KP	Khyber Pakhtunkhwa
LMS	Learning Management System
MBBS	Bachelor of Medicine and Bachelor of Surgery
MNS	Muhammad Nawaz Shareef
MoC	Memorandum of Cooperation
MoU	Memorandum of Understanding
NAEAC	National Agriculture Education Accreditation Council
NARC	National Agricultural Research Centre
NCRC	National Curriculum Revision Committee
NGO	Non-Governmental Organization
NIA	Nuclear Institute of Agriculture
NIAB	Nuclear Institute for Agriculture and Biology
NIBGE	National Institute for Biotechnology and Genetics Engineering
NRPU	National Research Program for Universities
OBE	Outcome Based Education
ORIC	Office of Research, Innovation and Commercialization
PBG	Plant Breeding and Genetics
PCR	Polymerase Chain Reaction
PMAS	Pir Mehr Ali Shah
PPSC	Punjab Public Service Commission
QA	Quality Assurance
QAA	Quality Assurance Agency
QEC	Quality Enhancement Cell
R&D	Research and Development
SAU	Sindh Agriculture University
SOP	Standard Operating Procedure
SRGP	Start-Up Research Grant Program
TEVTA	Technical Education and Vocational Training Authority
TTS	Tenure Track System
UAF	University of Agriculture Faisalabad
UAP	The University of Agriculture Peshawar
UVAS	University of Veterinary and Animal Sciences

CONTENTS

	Chairperson's Message	I
	Executive Summary	II
I	Accreditation Activities	1
II	Pre-Accreditation/Zero Visits	71
III	Quality Assurance and Accreditation Awareness Seminars	84
IV	Budget Utilization for FY 2021-22 and Proposed Allocation for FY 2022-23	86
V	Proposed Work Plan for FY 2022-23	87
	Annexures	
I	NAEAC Membership	96
II	Minutes of 18 th Meeting of NAEAC	97
III	Annual Audit Report of NAEAC, 2021-22	106
IV	Picture Gallery	113

Chairperson's Message

It gives me honor to present fifteenth Annual Report 2021-2022 of National Agriculture Education Accreditation Council (NAEAC) HEC Islamabad. It enfold council activities related to accreditation of institutions providing education in various disciplines of agricultural and allied sciences. It also provides details of other activities undertaken by NAEAC including quality assurance and accreditation awareness seminars, budget allocation and utilization, annual audit report, annual work plan and budget for the upcoming financial year 2022-23.

During the year 2021-22, the council successfully carried out accreditation visits of 24 institutions (65 degree programs) throughout the country and conducted thirty four awareness seminars. Statistically accreditation evaluation data express a fair degree of improvement in the rating of evaluated programs however decline in skill sets of graduate is a common concern across Pakistan. Initiation of crash programs for makeup of lost practical work by certain HEIs after situation normalization is pleasing to observe. Increase in unprecedented number of degree programs and number of admissions at undergraduate and postgraduate level is still a big concern for the production of professionally skilled and viable graduates.



NAEAC has launched online Agricultural Professional Registration System (APRS) and all HEI's are providing data through this system. Augmentation in purview of NAEAC for accreditation of agriculture and allied sciences subjects has increased to 26 degree programs which also demands rise in program evaluator's pool. Accordingly council is very much committed to conduct fifth program evaluator's workshop in next financial year (2022 - 2023). Financial sustainability through investment plans for the progressive future council activities and accomplishment of world class accreditation activities in best manners are the important challenges ahead. Council will revise its current toolkit to include latest developments in evaluation system around the world.

I am indebted to my honorable council members for their intellectual contribution, constructive criticism and valued support. Guidance provided by Dr. Shaista Sohail, ED/Chairperson HEC, Mr. Nasir Shah, DG QAA and support of QAA HEC, Islamabad is of immense importance for the growth of council. Co-operation by the Vice Chancellors, Deans, Director QEC and Departmental Chairpersons of concerned HEI's is a source of inspiration for my team. Devotion and commitment extended by NAEAC secretariat for judicious implementation of tasks in professional manners is also of enormous significance for the success and progression of council.

Prof. Dr. Ishtiaq A. Rajwana
Chairperson NAEAC



Executive Summary

National Agriculture Education Accreditation Council (NAEAC) is one of the five accreditation councils established by Higher Education Commission of Pakistan and is mandated to accredit agriculture and allied degree programs in Pakistan. The basic purpose of accreditation is to help improvement in the quality of higher education, enhance the capacity of institutions and upgrade their infrastructure in order to achieve and sustain academic excellence. The NAEAC strives to ensure a consistent and transparent external evaluation and accreditation mechanism of agriculture and allied education degree programs across Pakistan.

During financial year 2021-22, the council carried out several accreditation visits, pre-accreditation/zero visits and awareness seminars.

Pre-accreditation/zero visits are basically conducted to make preliminary assessment of the planning and preparation by the institution during launching of new degree program. It is meant to review and guide the institutions of agriculture and allied degree programs based on HEC requirements for initiating a new degree program.

The purpose of quality assurance and accreditation awareness seminar is to explain the process, procedure and other pre-requisites of accreditation to the stakeholders. It is an ongoing activity of the council. A summary of all activities conducted during 2021-22 is presented in the following table.

Summary of Province-wise NAEAC activities during the fiscal year 2021

Nature of Activity		ICT	Punjab	Sindh	KP	GB	AJK	Total
Accreditation Visit	HEI's	0	11	05	06	01	01	24
	Programs	0	31	16	13	03	02	65
Zero Visit	HEI's	0	02	0	03	01	0	06
	Programs	0	06	0	09	01	0	16
Awareness Seminar	HEI's	02	21	03	04	01	03	34
	Programs	02	40	03	04	01	05	55
Total	HEI's	02	34	8	13	03	04	64
	Programs	02	77	19	26	05	07	136

I. Accreditation Activities

During 2021-22, 65 degree programs were evaluated and rated in Punjab, Khyber Pakhtunkhwa, Sindh, Gilgit Baltistan and AJK. A summary of these activities is given below:

A. University of Swat

1. Summary of AIC Visit of BS Forestry

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluator	Prof. Dr. Sarwat N. Mirza	Dr. Mamoona Wali Muhammad
Date of Visit	July 30, 2018	September 20, 2021
Rating	Not applicable	Y ₂ with 550 score (55%)

Strengths: (i) Affordable forestry study courses encompassing both theory as well as practical field training and field oriented four years degree program at undergraduate according to approved HEC criteria/curricula; (ii) Geographical position, biodiversity and forestry richness of the area i.e. from scrub to alpine zone supporting various vegetation and wildlife of university of Swat is a cause of attraction for most of students; (iii) BS Forestry degree is not offered in the nearby sister universities i.e. Buner and Malakand as only 4 universities in Khyber Pakhtunkhwa which offer BS forestry degree: (iv) Availability of well trained and qualified forestry staff; (v) Preparing the professionals for various field in the current scenario of emerging importance of forest and climate change; (vi) Potentials of networking, partnership and collaborations with national and international academic, research, development and conservation organizations.

Weaknesses: (i) Lack of established laboratories for forestry research, no full time laboratory staff, farm researcher as well as insufficient funds for laboratory research, library/reference books and transport facilities, especially for field tours; (ii) Need to develop necessary infrastructure (research farm); (iii) Weak forestry field visit/field work; (iv) Non availability of senior faculty (Professors and Associate Professors); (v) Lack of physical fitness program. Lack of established laboratories for forestry research, no full time laboratory



Strengths: (i) Affordable forestry study courses encompassing both theory as well as practical field training and field oriented four years degree program at undergraduate according to approved HEC criteria/curricula; (ii) Geographical position, biodiversity and forestry richness of the area i.e. from scrub to alpine zone supporting various vegetation and wildlife of university of Swat is a cause of attraction for most of students; (iii) BS Forestry degree is not offered in the nearby sister universities i.e. Buner and Malakand as only 4 universities in Khyber Pakhtunkhwa which offer BS forestry degree; (iv) Availability of well trained and qualified forestry staff; (v) Preparing the professionals for various field in the current scenario of emerging importance of forest and climate change; (vi) Potentials of networking, partnership and collaborations with national and international academic, research, development and conservation organizations.

Weaknesses: (i) Lack of established laboratories for forestry research, no full time laboratory staff, farm researcher as well as insufficient funds for laboratory research, library/reference books and transport facilities, especially for field tours; (ii) Need to develop necessary infrastructure (research farm); (iii) Weak forestry field visit/field work; (iv) Non availability of senior faculty (Professors and Associate Professors); (v) Lack of physical fitness program. Lack of established laboratories for forestry research, no full time laboratory staff, farm researcher as well as insufficient funds for laboratory research, library/reference books and transport facilities, especially for field tours; (vi) The university has no hostel, indoor/outdoor game facility.

B. Karakoram International University, Gilgit

1. Summary of AIC Visit of BS Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Alam Zeb	Prof. Dr. Masood Sadiq Butt
Date of Visit	August 28-29, 2018	September 22, 2021
Rating	Y ₁ with 620 score (62%)	Y ₁ with 640 score (64%)
Remarks	No improvement	

Strengths: (i) Management is enthusiastic to develop and maintain favorable conducive intellectual environment; (ii) Well qualified and dedicated faculty members for Food Science and Technology degree program; (iii) Most of the learning objectives are being met by the degree program and the faculty members are cooperative with the students; (iv) There is tremendous potential for food processing and value addition because the region is bestowed upon with favorable environmental conditions for fruit production as well as herbs and valued crops; (v) Fee structure is affordable to the majority of the students as opportunities of securing scholarships are also available.

Weaknesses: (i) Less number of permanent faculty members, especially at the higher cadres (ii) Less number of dedicated classrooms for the degree program; (iii) Lack of Sensory laboratory and Processing Hall hinders product development; (iv) Unavailability of technical services i.e. equipment maintenance/repairing, spare parts, lab chemicals and glassware in the region of Gilgit-Baltistan; (v) Budget allocation for the Department deemed insufficient to run various degree programs.

AIC Recommendations: (i) Nomenclature need to be reconsidered as "Department of Agriculture" is misleading. Faculty of Agriculture may be established supported by various departments; (ii) There is a need for dedicated classrooms coupled with sophisticated teaching aids. Besides, upgradation is required in the existing labs. infrastructure by the addition of new equipment; (iii) Permanent faculty especially one or two Professors and staff in other cadres must be inducted to maintain the structural hierarchy; (iv) Statutory bodies like Board of Studies (BoS) and Faculty Board should be further strengthened and meetings be scheduled regularly; (v)

Sensory evaluation lab, exclusive faculty offices, video-conference room and dedicated furnished common room for female students be established; (vi) Establishment of Food Processing Hall equipped with pilot-scale units is a prerequisite to improve the practical skills of students and promote the concept of entrepreneurship; (vii) Main Library/ Departmental Library should be well stocked with latest edition of textbooks along with national and international journals and periodicals; (viii) The department should set-up a healthy eatery to ensure safe and healthy foods to the students and faculty. Moreover, students ought to be engaged in the Cookery to promote entrepreneurship; (ix) It is also suggested that a well-established medical facility be provided at the campus for the University faculty and students; (x) The 8th semester should be dedicated for internship preferably paid and the courses being taught during 8th semester may be shifted to earlier semesters; (xi) Industrial linkages must be established & strengthened, (xii) Hostel for male students should be constructed.



2. Summary of AIC Visit of BS Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Ishfaq Ahmad Hafiz	Prof. Dr. Aman Ullah Malik
Date of Visit	August 28-29, 2018	September 22-23, 2021
Rating	Y ₂ with 584 score (58.4%)	Y ₂ with 572 score (57.2%)
Remarks	No improvement	

Strengths: (i) KIU being the main university of the northern region, and only to have Horticulture degree program; (ii) Horticulture being one of the major industries in GB which offers multifold growth prospects and allied agribusiness opportunities and jobs, apart from enhancing the income of growers; (iii) University has basic infrastructure for Horticulture degree program; (iv) KIU has good collaboration with agriculture research institute and non-government organizations working in the region.

Weaknesses: (i) A clear lack of leadership in Horticulture subject; (ii) Limitation of space including for classrooms, labs, and faculty offices; (iii) Lack of field infrastructure i.e. greenhouse, lathhouse, cold store, etc;

(iv) Shortage of trained lab/support staff; (v) Insufficient funds for research and maintenance of lab equipment and research farm; (vi) No clear research direction/program with very little impact on local industry.

AIC Recommendations: (i) Urgent recruitment of senior faculty in Horticulture i.e. Professor and Associate Professor etc. according to HEC criteria. University should make effort to get a visionary Professor to develop and drive the Horticulture program, as per regional needs; (ii) Appropriately qualified/trained lab support staff should also be recruited; (iii) For greater interest of the region, KIU should plan and invest into upgrading Department of Agriculture & Food Technology into Faculty of Food and Agriculture with Horticulture as an independent department; (iv) A well thought research and outreach program to be developed in consultation with stakeholders to address local industry/commodity issues. By executing some useful projects faculty can demonstrate the benefits to local industry/community. The projects should be with value chain improvement approach focusing major commodities and greater value; (v) Addition of infrastructure to be provided including classrooms, labs, offices, greenhouse, lathhouse, cold store etc.; (vi) Special initiative for enhancing collaboration with China. China is offering lot of opportunities for students for higher studies as well as for joint collaborative research projects; (vii) Access to teaching resource at library (updated textbooks) as well as internet facilities for online work (HEC digital library), need to be provided; (viii) Financial resources for students' labs, internship, exposure visits, conferences and scholarships should be substantially enhanced; (ix) Strengthening of linkages with stakeholders, industry and respective institutions through useful outreach activities; (x) Improving harmony (sectarian issues etc.) among students at campus through stakeholders' engagement, consultation, and taking initiative for creating interactive forums and healthy group competitions etc.; (xi) The 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters.

3. Summary of AIC Visit of BS Forestry

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Sarwat N. Mirza	Dr. Mamoona Wali Muhammad
Date of Visit	August 19-20, 2019	September 22-23, 2021
Rating	Not applicable	X ₃ with 650 score (65%)

Strengths: (i) First institution in the region dedicated to teaching and research on Forestry and allied disciplines; (ii) Field oriented four years' degree program at undergraduate according to approved HEC criteria/curricula; (iii) Geographical position of Karakorum International University is a cause of attraction for most of students; (iv) Enthusiastic faculty and support staff willing to work everywhere and envisaging changes in courses in the light of emerging trends and challenges of the field.

Weaknesses: (i) Insufficient funds for laboratory research, library/reference books, and transport facilities, especially for field tours; (ii) Lack of dedicated/full time laboratory staff; (iii) The department is in need of faculty in the fields of Watershed, Forest Management, Timber Technology and Forest Survey specialists; (iv) Students seriously lack practical knowledge of the subject; (v) The students also seemed not satisfied with field work/visits.

AIC Recommendations: (i) Senior level faculty especially Professor, Associate Professor is needed in the department; (ii) Capacity building of existing faculty is urgently required for producing competent future foresters/graduates. It is suggested that KIU may request seasoned foresters to accompany faculty on class tours. Moreover senior foresters may be hired on contract basis to learn the norms and wisdom till the regular faculty is recruited. The revision/ up gradation of visiting faculty list by including senior forestry officers such as senior forestry instructors/research officers etc. is desired; (iii) The need of field work/study tours in Forestry



cannot be compromised. Therefore, the Department of Forestry should have its own transport vehicles like coasters, trucks etc. that can be used instantly as and when required without involving administrative approval; (iv) Department lack equipment to conduct forest survey, forest engineering/roads practical and working plan exercises and allied research work; (v) The department has to focus on BS degree program in Forestry and should not initiate BS Wildlife or other degree programs till appointment of senior level faculty in the department and proper infrastructure/ learning resources and other needed facilities are made available. Moreover, the curriculum needs to be revised; (vi) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (vii) Industrial linkages must be established & strengthened; (viii) The department should make efforts for provision of facilities to faculty and students, including hostel accommodation for boys and female faculty, allotment of fund for library for sufficient provision of HEC recommended textbooks and international journals; (ix) The supporting staff, Lab Assistants, Lab Attendants, etc. should be made available at the disposal of HoD.



C. The University of Agriculture, Peshawar

1. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Dil Nawaz Ahmed Gardezi Dr. Shahid Masood	Dr. Zahid Akram
Date of Visit	February 15-16, 2017	October 11-12, 2021
Rating	W ₃ with 801 score (80.1%)	W ₃ with 808 score (80.8%)
Remarks	Same status	

Strengths: (i) Well qualified and professionally sound faculty with a clear vision and mission to work for students training and research; (ii) The department has strong research progress in various crops and identified some promising varieties in brassica, maize and wheat and a few lines are in pipeline.

Weaknesses: (i) It was observed that laboratory facilities for students training and experiments are limited; (ii) As senior Professors are going to retire within next few years. There is a need to appoint young faculty to fill this gap; (iii) No visits to other research institutes for B.Sc. (Hons) students.

AIC Recommendations: (i) To maintain a good faculty hierarchy young Assistant Professors and Lecturers with diverse background should be hired; (ii) Up-gradation of existing laboratory facilities according to strength of the students; (iii) Installation of good quality sound system in main lecture halls; (iv) The department needs up gradation of green house facility at farm for supporting the research activities; (v) Close collaboration with IBGE is required for hands on experience in the molecular techniques through MoU/MoC; (vi) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (vii) Industrial linkages must be established and strengthened; (viii) Crash program to meet practical deficiencies during covid-19 is highly recommended; (ix) Professional tours/field visits should be frequently arranged for students in nearby progressive farms/research institutes.



2. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Fayyaz-ul-Hassan Sahi Prof. Dr. Abdul Khaliq	Prof (Retd). Dr. Raiz Ahmed
Date of Visit	February 15-16, 2017	October 11-12, 2021
Rating	X ₁ with 755 score (75.5%)	X ₁ with 765 score (76.5 %)
Remarks	No improvement	

Strengths: (i) Highly qualified faculty with sound experience in various fields of Agronomy; (ii) Availability of sophisticated instruments such as CN analyzer, solari-meters etc.; (iii) Well developed and maintained experimental farm area for field research and practicals.

Weaknesses: (i) Inadequate lab equipment and chemicals for both teaching and research; (ii) Inadequate

qualified lab. staff; (iii) Final semester undergraduate internship program has not provided the desired exposure and training to the students; (iv) Lack of daycare facility at the campus for female faculty members.

AIC Recommendations: (i) To maintain a good faculty hierarchy young Assistant Professors and Lecturers with diverse background should be hired; (ii) Strengthening of teaching/research laboratories farm facility for the students and faculty; (iii) Classrooms need renovation along with provision of latest teaching equipment like audio-visual aid system, multimedia etc. for providing conducive learning environment; (iv) Academic /graduate research may be reviewed through weekly seminars in the department; (v) Departmental library be established with the provision of latest reference and text books as well as peer reviewed journals or central library may be upgraded accordingly; (vi) Provision of daycare facility at the campus; (vii) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (viii) Industrial linkages must be established & strengthened; (ix) Labs must be strengthened in terms of latest equipment & chemicals to facilitate research; (x) Qualified lab staff must be inducted; (xi) Faculty should be encouraged to write and win research projects from national and international funding agencies.

3. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof (Retd). Dr. Anwar-ul-Hassan Dr. Abdul Rashid	Prof. Dr. Khalid Saifullah Khan
Date of Visit	February 15-16, 2017	October 11-12, 2021
Rating	X ₁ with 782 score (78.2%)	X ₁ with 787 score (78.7%)
Remarks	No improvement	

Strengths: (i) Highly qualified and experienced faculty in most areas of specialization; all of them are Ph.Ds.; (ii) Availability of sufficient laboratory and field research facilities; (iii) High number of quality research publications; (iv) Good number of competitive research grants from local and international donor agencies; (v) Strong collaboration with national and international institutions; (vi) Comprehensive curriculum serving a broad base of students of Soil and Environmental Science.

Weaknesses: (i) Lack of modern and advanced research equipment in laboratories; (ii) Lack of well-equipped greenhouses/ glasshouses and cold rooms; (iii) Insufficient common room and IT facilities; (iv) Insufficient number of class rooms with AV facilities; (v) Lack of trained faculty and lab facilities in GIS, soil survey, soil mineralogy, soil genesis and soil classification; (vi) Insufficient funds for the purchase of chemicals and equipment; (vii) Lack of seminar room and meeting room; (viii) Lack of trained support staff such as Lab Technicians and Lab Assistants; (ix) Limited availability of computing facility and latest software's for data analysis; (x) Lack of interdisciplinary research.

AIC Recommendations: (i) Upgradation of existing laboratory facilities through the addition of modern laboratory equipment; (ii) Faculty development program for long-term and short-term trainings in GIS&RS, Soil Classification, Soil Survey, Soil Mineralogy and Soil Physics; (iii) Systematic training program for newly inducted young faculty to encompass the important aspects of teaching; (iv) Provision of at least two classrooms, one seminar room, one committee room and a separate place for Ph.D. students; (v) Curriculum revision on regular basis keeping in view feedback from all the stakeholders alumni, employers, students and peer academicians. More emphasis may be given on practical knowledge; (vi) Trained technical staff may be provided to improve the efficiency of labs and equipment; (vii) Advanced research facilities like well-equipped greenhouse/glasshouse and cold room may be provided; (viii) The university must consider increasing the

annual operational budget and allocate sufficient funds for repair, maintenance and operational activities of the department; (ix) Linkage with local industry may be encouraged to benefit from their resources and getting better job placements; (x) The QEC of UAP has developed a mechanism to review the courses taught on regular basis for improvement in teaching learning quality. This mechanism may be more rationalized on the basis of the feedback on curriculum from all the stakeholders for instance employers, alumni, graduating students and parents; (xi) There is need to add modern equipment available now a days for better training and research; (xii) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters.



D. UAP-Amir Muhammad Khan Campus, Mardan

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Fayyaz-ul-Hassan Sahi	Prof (Retd). Dr. Riaz Ahmed
Date of Visit	September 22, 2016	October 13, 2021
Rating	Y ₃ with 510 score (51%)	Y ₂ with score 590 (59%)
Remarks	Rating improved	

Strengths: (i) Highly qualified, well-trained, young energetic and experienced faculty. Critical observation and timely guidance of Chairman Agronomy and experienced faculty from main campus enhances the capacity building; (ii) The campus has its own vast Research Farm (about 250 acres) named as Amir Muhammad Khan research Farm for students' research and quality seed production; (iii) Necessary laboratory equipment along chemicals and glassware are available for students research and practicals.

Weaknesses: (i) Shortage of senior faculty (Professor and Associate Professor) in the department; (ii) Two faculty members are on contract and waiting for Selection Board since 2018; (iii) No separate budget for

Department, although required budget is provided by Director Campus; (iv) Limited access to digital library, as the facility is available at main campus.

AIC Recommendations: (i) Recruitment of permanent faculty at the senior positions (Professors/Associate Professor); (ii) Development and implementation of mechanism for in-service training of newly inducted faculty and staff; (iii) Encouraging faculty to prepare, submit and win research grants/projects; (iv) Library must be strengthened; (v) Provision of hostel facilities to students belonging to other cities/areas; (vi) Transport facility should be functional at the campus for students and staff; (vii) Strengthening of existing undergraduate laboratory for practical classes; (viii) Provision of adequate budget for purchase of new textbooks and repair/maintenance of laboratory equipment; (ix) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (x) Industrial Linkages must be established & strengthened; (xi) Provision of hostel facilities to students belonging to other cities/areas; (xii) Field visits to different research institutes must be arranged; (xiii) Medical and sports facilities must be provided to the students; (xiv) Lecture hall/classroom may be constructed at farmland.

2. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Ishfaq Ahmad Hafiz	Prof (Retd). Dr. Ishfaq Ahmed Hafiz
Date of Visit	September 22, 2016	October 13, 2021
Rating	Y ₃ with 510 score (51%)	Y ₂ with score 580 (58%)
Remarks	Rating improved	

Strengths: (i) Necessary laboratory equipment is available; (ii) Strong coordination with Department of Horticulture main campus (UAP, Peshawar) and with ARI Tarnab Peshawar and other research institutes with in KP and Punjab; (iii) The campus has property (250 acres land) at Plato beside Sheikh Maltoon, Mardan, which needs to be developed; (iv) Campus is surrounded by fruit orchards and other agricultural farming system.



Weaknesses: (i) Faculty number is low and most of the faculty members are fresh and are on contract; (ii) Insufficient green and lath houses to carry-out the experiments; (iii) Dependence on the main campus for budget approval no specified budget allocations for the AMK campus; (iv) The financial hurdles in infrastructure development of AMK campus at Plato, Mardan; (v) Recruitment process of new induction is very slow due to meager budget of the university; (vi) Buses are available, but they have been stopped previously by security reason and covid situation or online classes and also budget problem and limited access of public transport to AMK campus; (vii) Lack of faculty training program; (viii) Labs needs further strengthening /improvement; (ix) No program for the breeding of horticulture crops.

AIC Recommendations: (i) The existing contractual faculty may be given opportunity through selection board and recruitment new permanent faculty at the senior positions; (ii) Procure more research journals and ensure access to digital library facility; (iii) Quality infrastructure including offices building, class rooms and labs are needed; (iv) Purchased land must be developed on priority basis; (v) Faculty members to be motivated to submit research projects for grants to strengthen existing lab facilities; (vi) Faculty development and training program to be initiated for newly inducted faculty members; (vii) Improvements are required in various Horticulture divisions particularly in vegetable cultivation field; (viii) Create more opportunities of scholarships and financial support to students; (ix) 8th semester should be dedicated for paid internship program and the courses being taught during 8th semester may be shifted to earlier semesters; (x) Industrial linkages must be established & strengthened; (xi) Green house & lath house facility must be improved.

3. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M Kaleem Abbassi	Prof. Dr. Khalid Saifullah Khan
Date of Visit	September 22, 2016	October 13, 2021
Rating	Y ₂ with 585 score (58.5%)	Y ₂ with score 590 (59%)
Remarks	No improvement	

Strengths: (i) Qualified faculty holding Ph.D. degrees; (ii) Sufficient number of books in the main library, sufficient lab equipment and transport facility for practical visit of different research institutes and stations.

Weaknesses: (i) Lack of own campus building; (ii) Lack of greenhouse/glasshouse facilities; (iii) Poor access to HEC digital library and international journals; (iv) Limited supporting staff in the department; (v) Lack of boys and girls hostel; (vi) Lack of departmental library; (vii) Inadequate departmental budget; (viii) No research projects with teaching staff; (ix) No visible international collaboration; (x) Limited number of national and international seminars organized; (xi) Limited extension/community services offered; (xii) No functional transport facility.

AIC Recommendations: (i) Construction of purpose-built building for the campus; (ii) Recruitment of permanent faculty at the senior positions (Professors/ Associate Professor); (iii) Development and implementation of mechanism for in-service training of newly inducted faculty and staff; (iv) Establishment of a post-graduate research laboratory containing modern equipment; (v) Strengthening of existing undergraduate laboratory for practical classes; (vi) Provision of adequate budget for purchase of new textbooks and repair/maintenance of laboratory equipment; (vii) Arrangement of greenhouse/glasshouse facility for controlled environment experiments at the campus; (viii) Encouraging faculty to prepare, submit and win research grants/ projects; (ix) Provision of hostel facilities to students belonging to other cities/areas; (x) Making available transport facility at the campus functional for students and staff; (xi) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to

earlier semesters; (xii) Industrial Linkages must be established & strengthened; (xiii) Departmental library may be established; (xiv) Course files and review reports ought to be maintained properly for record keeping.

E. PMAS Arid Agriculture University, Rawalpindi

1. Summary of AIC Visit of B.Sc. (Hons) Entomology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Khalid Mahmood Prof. Dr. Farman Ullah	Prof. Dr. Ahmad-Ur-Rahman Saljoqi Dr. Muhammad Arshad
Date of Visit	October 25-26, 2017	November 8-9, 2021
Rating	X ₁ with 750 score (75%)	X ₁ with 780 score (78%)
Remarks	No improvement	

Strengths: (i) Faculty is highly qualified and all are well experienced; (ii) Separate faculty offices are available; (iii) Opportunities for multidisciplinary research; (iv) Research laboratories are equipped and functional; (v) Administration is very supportive.

Weaknesses: (i) Classrooms and labs are small and congested; (ii) The on-campus accommodation facilities are limited; (iii) Lab supporting staff is not professional/technically trained; (iv) There is no proper departmental library; (v) The only two allotted classrooms to the department are not sufficient for taking all classes of undergraduate and graduate students; (vi) The non-availability of hostel facility to all female students; (vii) The non-availability of the field for the practical work of the students near the university. The research farm is very far away from the university. One complete day takes for the visit to the research farm for practical and research work of the students.

AIC Recommendations: (i) Faculty may be promoted as per university rules and regulations. Lecturers may be hired to complete HEC faculty pyramid; (ii) New under and post-graduate research laboratories should be



developed; (iii) Departmental library should be fully equipped; (iv) The laboratory staff should be trained for practical demonstration of insects to the students; (v) 8th semester students should be engaged in their internship program (preferably paid) in different public and private sectors for their exposure to research and better job opportunities; (vi) The industrial linkage must be strengthened for the addition of departmental resources; (vii) There is need to increase the number of classrooms and hostel facilities as present structure is not sufficient for increasing number of students; (viii) The research farm is very far away from the university. There should be a facility of research area near the University for the practical demonstration/work of the students especially of undergraduate level; (ix) Role of QEC should be strengthened; (x) Medical facilities for the students must be improved.

2. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Zahir Shah	Dr. Abdul Rashid
	Dr. Abdul Rashid	Dr. Ali Raza Gurmani
Date of Visit	October 25-26, 2017	November 8-9, 2021
Rating	W ₃ with 822 score (82.2%)	W ₃ with 830 score (83%)
Remarks	Same status	

Strengths: (i) The department of Soil Science was upgraded to Institute of Soil Science in 2018 and in 2021 to Institute of Soil & Environmental Sciences; (ii) The institute has 10 well qualified and trained regular faculty members for Soil Science teaching. They have the vision and full acquaintance of their respective subjects, having vast knowledge of local agriculture production systems; (iii) Adequate and well-equipped undergraduate research laboratories, un-interrupted power supply with powerful generators are available; (iv) HEC approved curriculum which is periodically reviewed in the Board of Study and Board of Faculty; (v) Computer and internet facility are available to faculty and post-graduate students; (vi) Centralized students' enrollment, attendance and examination system is present under University Campus Management System, keeping the data record transparent; (vii) Adequate graduate research infrastructure, including research farms and demonstration plots in the university premises; (viii) Favorable environment for teaching, research, and outreach activities.

Weaknesses: (i) Laboratory support staff is not only insufficient but also un-trained for the job. Lab manuals need to be followed for lab work and precautionary measures; (ii) Separate and adequate room space is needed for the Institute's library.

AIC Recommendations: (i) The Institute's library needs a separate room and sufficient space and new edition of the textbooks and national journals must be purchased and maintained at the institute's library; (ii) Sufficient and trained lab staff must be hired and lab manuals must be followed; (iii) Internship at the final year of B.Sc. (Hons) degree must be made mandatory (preferably paid) and it must be made either at a progressing farmer's field, an agricultural institutions or agricultural industry; (iv) The student's field tours/study tours must be made mandatory for field exposure and first-hand knowledge of the crops and problems especially for the undergraduates. Students study tours to various organizations and institutions should be organized; (v) The Institute's budget may be further increased and be placed at the discretion of the Director and research supervisors to meet the daily needs; (vi) Continuous monitoring/evaluation of the quality of classroom teaching, i.e., students teachers' presence and presentation, internet for assignments and involvement of students and teachers in the seminars and conferences on national level must be encouraged; (vii) Industrial linkages must be strengthened; (viii) Role of QEC should be strengthened; (ix) Medical facilities for the students' needs improvement.

3. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Khaliq Dr. Rashid Ahmad Shad	Prof (Retd). Dr. Riaz Ahmed Prof. Dr. Muhammad Akmal
Date of Visit	October 25-26, 2017	November 8-9, 2021
Rating	X ₁ with 750 score (75%)	X ₁ with 755 score (75.5%)
Remarks	No improvement	

Strengths:(i) Faculty is well qualified, young and has a dynamic leadership to contribute and to deliver; (ii) Students are engaged in outreach and farming community services; (iii) Establishment of new digital laboratory will give exposure to graduate with latest technology; (iv) Research faculty groups have multidisciplinary experience and diverse skill in the arid land agriculture; (v) Sufficient research projects on going with potential for increase their number; (vi) Program mission, vision objectives and outcomes-based education are well defined; (vii) Students' preference for admission in Agronomy shows bright future and scope.

Weaknesses: (i) Limited space for the students and faculty at campus to meet their requirements; (ii) Lab equipment for teaching and research as well as undergraduate students need to be strengthened; (iii) Separate room is required for students to avail the department library facility; (iv) Laboratory manuals for various courses need to be improved; (v) Research farm is about 60 km from campus which is time consuming and exhaustive for student training; (vi) Routine funds for the practical facilities need to be improved.

AIC Recommendations: (i) Lecture rooms with sufficient space in the department needs to be strengthened with proper teaching aids and seating capacity; (ii) Departmental laboratories need to be strengthened by adding new equipment; (iii) Supporting staff ratio with faculty be as per HEC policy; (iv) Professional training of the lab and supporting staff shall be done; (v) Provision of separate space for library in the department with free access to students; (vi) 8th semester students should be engaged in their internship program (preferably paid) in different public and private sectors for their exposure to research and better job opportunities; (vii) Study tours for students' exposure to other research/teaching institutions be increased; (viii) Demonstration of models, samples and charts for land preparation and crops needs to made available for under-graduate students; (ix) Industrial linkages must be strengthened; (x) Medical facilities for the students should be improved; (xi) ORIC must display and circulate project opportunities throughout the department; (xii) Role of QEC should be strengthened.



4. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Syed Dilnawaz Gardezi Prof. Dr. Hidayat-ur-Rehman	Prof. Dr. Syed Dilnawaz Gardezi Prof. Dr. Hafeez Ahmed Sadaqat
Date of Visit	October 25-26, 2017	November 8-9, 2021
Rating	W ₃ with 850 score (85%)	W ₃ with 800 score (80%)
Remarks	Same status	

Strengths: (i) Highly qualified and longtime experienced (more than 10 years) faculty; (ii) Sufficient infrastructure i.e., classrooms, labs, greenhouses and farms for education, research and extension; (iii) Working relationship with sister organizations, provincial and central government.

Weaknesses: (i) Delayed faculty promotion and new induction may cause frustration and faculty drainage; (ii) Delayed expansion and repair in infrastructure like green house and female common room.

AIC Recommendations: (i) Promotion of existing and induction of new qualified faculty specially a female teacher; (ii) Progress on previous AIC recommendations is weak and require attention by the administration; (iii) Expansion and repair of infrastructure especially greenhouse at campus is essentially needed; (iv) Strengthening the existing and establishing strong workable relationships with sister organizations; (v) Technology development and show casing the success stories; (vi) Industrial linkages must be strengthened; (vii) Undergraduate field work facilities to be strengthened; (ix) Medical facilities for the students should be improved; (x) Ongoing infrastructural projects like green house and female common room should be completed at earliest; (xi) Adequate research funds for research activities should be made provided; (xii) Role of QEC and ORIC need to be strengthened; (xiii) Undergraduate field work facilities to be strengthened.



F. The Islamia University of Bahawalpur

1. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Akbar Anjum	Prof. Dr. M. Akbar Anjum Dr. Kashif Razzaq
Date of Visit	September 12-13, 2017	November 15-16, 2022
Rating	X ₃ with 655 score (65.5%)	X ₂ with 710 score (71%)
Remarks	Rating improved	

Strengths: (i) Oldest agriculture faculty in the whole Bahawalpur division imparting education in different fields of agriculture including Horticulture; (ii) Qualified, competent, enthusiastic and highly motivated young faculty, actively involved in teaching, research and publication of research results; (iii) Four own-source, one NRPU and six SRGP funded research projects; (iv) Students are satisfied with transport, hostel, sports and health facilities.

Weaknesses: (i) No senior faculty (Professor) in the department; (ii) Lack of greenhouse, growth chambers, cold store etc. for faculty research and students' practical work; (iii) Non-availability of trained support staff especially laboratory staff (Lab Technician and Lab Assistant) to operate and maintain the equipment and instruments; (iv) Faculty offices, lecture room and laboratory facilities are insufficient; (v) Number of books and latest editions of textbooks available in the library are not enough; (vi) Weak linkages with institutions and stakeholders; (vii) Shortage of viable competitive research (national and international) projects to develop and strengthen existing lab facilities.

AIC Recommendations: (i) Special consideration should be given to the appointment of senior faculty member at Professor and Assistant Professor or Lecturer (Floriculture) level in the department; (ii) Well-trained support staff especially laboratory staff (Lab Technician and Lab Assistant) be appointed to operate and maintain the equipment and instruments; (iii) Lab. facilities are insufficient at least one more lab. with postharvest facilities be established; (iv) Prescribed/recommended text and reference books (at least two sets) and research journals should be purchased to improve the standard of the library and other facilities like photocopier and scanners be established to cater the need of the students; (v) Provision of ICT facilities to the students and access to HEC digital library must be ensured; (vi) Faculty should be motivated to write and win viable research projects; (vii) Necessary arrangement should be made for guidance and counseling of the students; (viii) The course files need to be maintained properly; (ix) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (x) Industrial linkages must be established and strengthened; (xi) Green house, growth chambers & cold store may be established.



G. Bahauddin Zakariya University, Multan

1. Summary of AIC Visit of B.Sc. (Hons) Forestry

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. Tanveer Hussain	Prof (Retd). Dr. M. Tahir Siddiqui Dr. Muhammad Farrakh Nawaz
Date of Visit	February 26, 2018	December 9-10, 2021
Rating	X ₂ with 700 score (70%)	X ₂ with 740 score (74%)
Remarks	No improvement	

Strengths: (i) Qualified, competent, experienced and research oriented faculty; (ii) Sufficient infrastructure having adequate number of lecture rooms and labs; (iii) Conducive environment of the department for teaching and learning; (iv) Tangible improvement as compared to past performance reflected in previous accreditation; (v) Curriculum is well designed with clearly defined objectives; (vi) Well defined admission, course registration and withdrawal policy; (vii) Availability of adequate shared services in university i.e., boarding, medical, transport, sports activities, scholarships etc.

Weaknesses: (i) High work-load on the faculty and supporting staff; (ii) Low frequency of meeting of statutory bodies (BoS, BoF, BASR etc.); (iii) Need to adopt safety measures in laboratories; (iv) Lacking gender diversity in faculty and students; (v) Need to pay attention towards regular faculty and staff capacity building and trainings; (vi) Less attention towards regular improvements in the curriculum; (vii) No maintenance of proper course files by some faculty members; (viii) Need to improve the mechanism of inducting and monitoring of visiting faculty.



AIC Recommendations: (i) Induction of more number of regular faculty at Assistant Professor and Lecturer level to justify the teaching work load; (ii) Relevant visiting faculty may be hired to bridge the shortage; (iii) Permanent Faculty & visiting faculty ratio may be justified; (iv) Every teacher must maintain course files of each course; (v) Regular meeting of statutory bodies (BoS, BoF and BASR) may be held; (vi) Green house must be constructed; (vii) Induction of trained and skilled office and field supporting staff; (viii) One more classroom, green house and well-equipped wood lab is needed; (ix) Ensured availability of uninterrupted power supply and high speed internet facility; (x) Strengthening of research facilities and promotion of study tours for students; (xi) Regular monitoring of visiting faculty's performance is needed; (xii) Lab facilities may be upgraded by purchasing necessary equipment; (xiii) Faculty development program may be initiated for young faculty members; (xiv) Field visits for students may be arranged regularly for the students for practical exposure; (xv) Safety measures must be adopted in labs; (xvi) Wood workshop must be constructed to conduct practical classes; (xvii) Adequate number of instrument/tools for student practicals may be provided in order to carry out various research activities smoothly; (xviii) Faculty training programs should be a regular part of academic calendar; (xix) Industrial linkages must be strengthened; (xx) Role of QEC and ORIC may be strengthened; (xxi) 8th semester students should be engaged in their internship program (preferably paid) in different public and private sectors for their exposure to research and better job opportunities; (xxii) Curriculum must be updated on regular basis; (xxiii) Adequate budget may be provided to the department for research activities.

2. Summary of AIC Visit of B.Sc. (Hons) Plant Pathology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Shahbaz Talib Sahi	Prof. Dr. Nazir Javed Dr. Abdul Rehman
Date of Visit	February 26, 2018	December 09-10, 2021
Rating	X ₃ with 690 score (69%)	X ₁ with 760 score (76%)
Remarks	Rating improved	

Strengths: (i) The faculty members are qualified and well experienced; (ii) All the designated labs like molecular, bacteriology, mushroom, undergraduate, virology labs, two classrooms with multimedia facility are established; (iii) Reasonable amount of funds is available; (iv) Separate office for each faculty members is available.

Weaknesses: (i) Among the seven permanent faculty members only three have research projects; (ii) Regular revision of courses at under and post graduate level at BoS and faculty board level is needed; (iii) Course files of the faculty members are not well maintained; (iv) BoS meetings record is not well maintained; (v) Lab equipment's are not functional and their records on separate log book for each equipment in not maintained; (vi) Speedy internet facility for students is not available; (vii) Insufficient participation in international conferences and workshops by the faculty; (viii) Lack of training and promotion policy for supporting staff.

AIC Recommendations: (i) Selection of at least two Assistant Professors should be made to improve the pyramid; (ii) Department to ensure speedy internet access to students; (iii) Courses revision at under and post graduate level is needed; (iv) Final semester at undergraduate level should be exclusively dedicated for internship preferably paid one; (v) Each course file should be maintained by relevant teacher properly; (vi) BoS meetings record file should be maintained accordingly; (vii) Separate log book for each equipment should be maintained in each lab; (viii) Effective collaboration with local R&D institutions (Mango and Cotton) through formal MoUs is essential; (ix) Professional training and career development opportunities for the faculty,

supporting staff to be provided; (x) Preparation of laboratory manuals for each course at under and post graduate level is needed; (xi) Industrial linkages must be strengthened; (xii) Role of QEC and ORIC needs to be strengthened.



H. The University of Sindh, Jamshoro

1. Summary of AIC Visit of BS Nutrition and Food Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Prof (Retd). Dr. Saghir A Sheikh	Prof (Retd). Dr. Saghir A Sheikh Dr. Shahina Naz
Date of Visit	November 14, 2019	December 13-14, 2021
Rating	Not applicable	Y ₂ with 580 score (58%)

Strengths: (i) The institute has enough trained Lab Assistants, Lab Attendants and Librarian; (ii) The institute has sufficient space for classrooms, faculty offices, labs and library; (iii) Students' admissions, examinations, results, attendance, course contents are online monitored through highly competent department of information technology and QEC.

Weaknesses: (i) Out of the 13 faculty members only one is qualified Food Technologist but rest of faculty are biochemists; (ii) The syllabus still needs modifications as per HEC criteria of Nutrition and Food Sciences; (iii) Unavailability of safety instructions, manuals/protocols, safety equipment, first aid boxes and fire extinguishers; (iv) Lack of digital library facilities at the institute library; (v) The department has a very good library with huge space, but it needs more and latest edition of books on the aspects of nutrition and food science; (vi) Unavailability of food processing units (pilot plant units); (vii) Unavailability of important equipment such as refractometer, texture analyzer, laminar flow cabinet (vertical and horizontal), muffle furnace etc.

AIC Recommendations: (i) Large number of irrelevant faculty teaching Food Science courses should be replaced with relevantly qualified senior faculty; (ii) Classrooms must have AV/multimedia facilities; (iii) HEC recommended books relevant to Nutrition and/or Food Science and Technology be purchased for the institute as well as for central library; (iv) Pilot plants for beverages, canning, muffle furnace, texture analyzer, pycnometer, lacto-analyzer, gerber machine, grain analyzer, refractometer, texture analyzer, milling machine, moisture meter, baking oven, dough mixture, etc. is needed; (v) Hi-tech equipment such as GCMS, kjeldahl unit (digestion and distillation), laminar air flow cabinet (vertical and horizontal) etc. must be purchased/provided for students practicals; (vi) Fire extinguishers in main building and first aid boxes must be provided in each laboratory; (vii) MoUs / MoCs may be signed with industries and hospitals for internship programs. Linkages with educational institutes such as University of Karachi and Sindh Agriculture University Tandojam be developed for their regular visits and practicals; (viii) Faculty must be encouraged to develop research as well as development projects and submit them in various national and international funding agencies; (ix) The 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (x) The syllabus still needs modifications as per HEC; (xi) Computer lab must be updated and should be maintained regularly; (xii) MBBS and nutritionists may be hired as faculty members to teach human physiology, anatomy and nutritional courses; (xiii) Educational visits of the students should be arranged regularly in order to strengthen their practical knowledge.



I. University of Agriculture Faisalabad

1. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Noor-ul-Amin Prof. Dr. Jamil Ahmad	Prof (Retd). Dr. Noor-ul-Amin Prof (Retd). Dr. Jamil Ahmad
Date of Visit	January 25-26, 2017	December 22-23, 2021
Rating	W ₂ with 888 score (88.8%)	W ₂ with 891 score (89.1%)
Remarks	Same status	

Strengths: (i) A good teaching system with visual aids; (ii) Highly qualified and well experienced faculty; (iii) Labs equipped with practical demonstrations; (iv) Germplasm of different crops for practical demonstrations; (v) Well adopted online teaching and evaluation system; (vi) International collaborative R&D projects; (vii) Strong linkages with stakeholders; (viii) Good collaboration with national and international research and

teaching institutions; (ix) Well defined community service and policy; (x) The majority faculty is highly qualified (more than 70% Ph.Ds.) and experienced with vision and capacity to impart quality education and training; (xi) There is appreciation of and enthusiasm for conducting problem-oriented research; (xii) Teachers provide guidance and help to graduate students to identify problems and, in the formulation, as well as conduct of research; (xiii) Prescribed rules, procedures and standards are being properly followed for admission and assessment of performance of students and teachers with feedback from stakeholders; (xiv) Necessary infrastructure and facilities are available for teaching and research including laboratories, experimental farm, plastic tunnels, green houses/glass houses, oil extraction unit for flowers and cold chamber; (xv) The faculty has been active in submission of research projects and has won enough research grants from national and international donor agencies; (xvi) The students have full access to digital library, research journals and text books for updating their knowledge. Also, the institute has close collaboration with sister institutions, business and industry; (xvii) Holding of seminars and workshops for exchange of knowledge and experience is a positive development that helps teachers and the taught in updating their knowledge.

Weaknesses: (i) Space for classrooms, labs and faculty offices is inadequate to meet the needs of increasing number of students; (ii) Shortage of qualified and trained supporting staff for labs and research farm; (iii) More lab equipment, farm machinery, computers and transport are required; (iv) Well planned development program for training of faculty and support staff is hardly in place; (v) Limited university grant for research and operational expenses; (vi) Less opportunities for promotion; (vii) Less boarding facilities.

AIC Recommendations: (i) Curriculum should be updated regularly to incorporate topics on current issues and future needs so that students can be prepared for future challenges. It should be problem-oriented and market-driven to serve the society and the industry; (ii) Long/short term capacity building programs for both teaching and non-teaching staff particularly lab staff to be conducted regularly; (iii) Apart from training programs, arranging seminars, conferences and workshops at the campus may also help in capacity building. The mandatory participation of faculty/staff in such events arranged by university or other institutions may help to improve faculty/staff exposure and interaction with experts in the field; (iv) Collaboration with national and international organizations needs to be further strengthened. Possibilities for joint research projects may be explored; (v) Opportunities may be created for faculty members to deliver lectures on specific topics at other intuitions. Simultaneously teaching staff of other universities may be invited for special topics; (vi) More classrooms, faculty offices, labs with enough spaces for students, required chemicals etc. and effective sound system may be added to current infrastructures; (vii) Students accommodation facility is the urgent need, the facilities may be improved to cope up with the increasing number of students; (viii) Proper maintenance of infrastructures and safety arrangements may also be ensured; (ix) Allocation of appropriate maintenance budget may be ensured; (x) Internet facilities both at institute and hostels may be enhanced and students' access may be given to use such facilitates for research and teaching; (xi) Establish a computer lab. in the institute; (xii) The management needs to review the situation with regard to faculty workload and its distribution among all teachers according to their capacities; (xiii) The students may also be provided necessary support and guidance for career planning; (xiv) Library at institute needs to be up-graded in respect of space, equipment and staff to accommodate the increasing number of students; (xv) Latest edition of text books and journals of international repute for respective disciplines may be added every year; (xvi) Computer and internet facility for the library may also be upgraded; (xvii) Significant increase in budget may be ensured to meet the genuine needs for quality research and teaching; (xviii) Various funding agencies at national/international level may be approached for necessary grants and technical support; (xix) Existing linkages may be further strengthened for significant contribution in socio-economic development; (xx) The university/institute management must look for proper dissemination of the technologies developed with the participation of stakeholders; (xxi) This citrus program needs generous support for the improvement of the most important fruit crop of the country; (xxii) The post-harvest program is also working on important problems of the industry and deserves full support; (xiv) The floriculture & landscape section be provided full support so that they may be able to face future challenges.

2. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Syed Dilnawaz Ahmad Gardezi Dr. Shahid Masood	Prof (Retd). Dr. Hidayat -ur-Rehman Dr. Hidayat Ullah
Date of Visit	January 25-26, 2017	December 22-23, 2021
Rating	W ₃ with 850 score (85%)	W ₃ with 869 score (86.9%)
Remarks	Same status	

Strengths: (i) Majority of the faculty members are highly qualified with foreign degrees and post-doctorate; (ii) Faculty members are working as team and have developed crop-based laboratories; (iii) Germplasm units for certain crops have been established and major strength of the department to preserve the local and indigenous crop species; (iv) Molecular and advanced equipment under the umbrella of CAS complex laboratories; (v) Faculty members have the strength to attract the donors and secure research projects; (vi) Quality publication in HJRS and impact factor recognized journals; (vii) Department has successfully implemented the LMS for the ease of students; (viii) TTS faculty members were very much satisfied with their jobs and fringe benefits; (ix) Students were satisfied with mentoring and counseling by their teachers.

Weaknesses: (i) Classrooms space issues must be resolved or the enrolled students may be divided in sections and AV tools be installed for effective lectures delivery; (ii) Computer lab or bioinformatics labs is crucial for statistical software related practical; (iii) Lab staff required hands on training to handle the lab equipment effectively; (iv) Budget may be allocated for the purchase of books of latest version; (v) The teachers are overburdened for lectures and allocated students. HEC guidelines for supervision may be followed in true spirit; (vi) Lack of common seating area for postgraduate research students within the department; (vii) Budget for study tours may be allocated, as visits to farms, universities, institutes and industries are mandatory part of undergraduate curriculum; (viii) Selection board for faculty members shall be furnished on priority and Professor(s) be hired to complete the pyramid.



AIC Recommendations: (i) Conducting selection board for faculty promotion and hiring of Professor(s); (ii) New teachers should be hired as existing ones are overburdened for lectures and allocated students. HEC guidelines for supervision may be followed in true spirit; (iii) Adequate space should be provided as common seating area for postgraduate research students within the department; (iv) Renovation of undergraduate labs is very essential; (v) Establishment of computer/ bioinformatics lab; (vi) Establishment of additional glasshouse/greenhouse and proper maintenance of existing ones; (vii) Procurement of updated/latest version of books for library; (viii) Classrooms/lecture hall establishment with full AV tools or separate sections of less than 100 students should be organized to avoid distortion in small classrooms with high number of students; (ix) Laboratory research facilities must be further strengthened within the department keeping the closer liaison with sister organizations like CABB, NIBGE, NIAB and AARI and placing students for paid internship; (x) Study tours should be a regular part of degree program which is lacking here; (xi) Department should work to provide hybrid seed to farmers.

3. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M Bismillah Khan Prof. Dr. Fayyaz-ul- Hassan	Prof. Dr. Fayyaz-ul- Hassan Prof. Dr. Nazim Hussain
Date of Visit	January 25-26, 2017	December 22-23, 2021
Rating	X ₁ with 785 score (78.5%)	W ₃ with 835 score (83.5%)
Remarks	Rating improved	

Strengths: (i) Highly qualified, experienced, competent faculty of diversified fields; (ii) The highest number of students' intake in all programs, hence being the most preferred subject; (iii) Well established and functional labs of different research groups; (iv) Well developed and established international liaison with different organizations.

Weaknesses: (i) Inadequate office space for the faculty offices, teaching and Ph.D. students; (ii) Lab maintenance budget has not been specified and funds for departmental library books are insufficient; (iii) Shortage of farm machinery and implements including the latest farm equipment and other farm machinery; (iv) Lack of qualified and trained laboratory staff/technicians; (v) High in-breeding ratio of faculty is nurturing mono-culturalism.

AIC Recommendations: (i) Addition of faculty offices, lecture rooms and teaching labs; (ii) Lab's supporting staff must be selected based on relevant qualification/experience for handling the scientific instruments/equipment safely. A qualified electronic engineer may be appointed at faculty level to look after the working and maintenance of lab equipment; (iii) A well mechanized research farm and a field lab should be added; (iv) The credit hours of the general courses of Agronomy for B.Sc. (Hons) Agri. may be increased. At least one general course in first four semesters; (v) Budget allocation for development, research, seminars/conferences, library and labs may be specified and be increased at least two times; (vi) Trend of shifting emphasis from teaching to only publications must be discouraged and emphasis should be placed on writing text books; (vii) The principle of merit/natural justice may strictly be observed for admission of students, selection/promotion of faculty/staff/granting of annual increments etc.; (viii) Strengthening of online classes system for smooth functioning in case of any future pandemic; (ix) Hostel and transport facility must be improved; (x) Irrational increase of admission in B.Sc. (Hons) Agriculture without provision of facilities is not fair; (xi) High in-breeding ratio of faculty is nurturing mono-culturalism.

4. Summary of AIC Visit of B.Sc. (Hons) Soil and Environmental Sciences

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Safdar Ali Mr. Tahir Saleem	Prof. Dr. Moazzam Jamil Dr. Muhammad Arif
Date of Visit	January 25-26, 2017	December 22-23, 2021
Rating	W ₃ with 835 score (78.5%)	W ₃ with 865 score (86.5%)
Remarks	Same status	

Strengths: (i) Highly qualified teaching faculty; all of them are Ph.D. degree holders and most of them also have post-doctoral experience from abroad; (ii) Availability of well-equipped laboratories, both for research and teaching of under-and post-graduate students; (iii) Advance research and experimentation facilities like controlled growth chambers, green houses/glass houses; (iv) Departmental as well as university level libraries with latest books, relevant journals besides being equipped with sophisticated audio-visual system for better learning opportunities.

Weaknesses: (i) Lack of sufficient budget allocation for repair and maintenance of old instruments as well as purchase library books and facilities; (ii) Limited number of trained supporting staff i.e., laboratory Technician /Assistants/Supervisor; (iii) Non-availability of instruments and networking engineer; (iv) Limited and relatively small space for lecture rooms; (v) Lack of trained faculty in soil classification/genesis and soil survey; (vi) International professional teachers' training program not in place; (vii) Poor collaboration with sister organizations.

AIC Recommendations: (i) The curriculum of the degree program of the institute should be market-driven and meet the needs of the society; (ii) Presently, curriculum revision seems to be a casual activity of ISES. It should constitute a regular exercise based on continuous feedback from all the stakeholders namely employers, alumni, peer academicians and the students. The course codes, numbers, titles and contents may be updated according to the HEC guidelines and the requirements of Punjab Public Service Commission, so that the students may not feel any difficulty after completion of the degree; (iii) A faculty development program with long-term and short-term trainings for the capacity enhancement of teaching and non-teaching staff may be started; (iv) Participation of faculty members in conferences, seminars and workshops may be encouraged to improve exposure and interaction with experts; (v) Teaching load as well as student-teacher ratio may be reduced to facilitate the task of teachers and to create student-friendly environment in the classrooms; (vi) The university may consider increasing the classroom space and faculty offices; (vii) The laboratory system of ISES is well established. With a view to sustaining and upgrading the system, training and education on laboratory safety and bio-safety of laboratory staff is absolutely essential; (viii) Qualified and trained laboratory staff and maintenance workshop may be established to keep all instruments functional and standardized; (ix) Keeping in view the large number of students, more computers with printers and internet facilities are required to be provided; (x) University should consider increasing the annual grant and allocating appropriate funds particularly for repair, maintenance and operational activities of the Institute; (xi) A lot of useful research is carried out besides research projects completed in the ISES. The findings of these research studies/projects should be edited and printed in the form of technical bulletins, extension leaflets and brochures for use by the community and extension workers; (xii) The community training programs, such as focus group meetings or farmers' field days, etc. may be organized to disseminate research information. The university administration, nevertheless had a plan to make it mandatory for every faculty member to start farmer-oriented outreach program for their research work; (xiii) The institute should develop an annual seminar roster; organize fortnightly faculty and senior student seminars. Postgraduate students may also be encouraged to participate

in such academic forums. Announcement about the seminars by posted on institute website; (xiv) ISES may establish placement bureau in the larger interest of students and alumni of the institute.

J. Jinnah University for Women Karachi

1. Summary of AIC Visit of BS Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Saghir Ahmed Sheikh	Prof (Retd). Dr. Saghir Ahmed Sheikh
Date of Visit	July 28, 2017	January 06, 2022
Rating	X ₂ with 728 score (72.8%)	X ₁ with 752 score (75.2%)
Remarks	Rating improved	

Strengths: (i) The department has nineteen faculty members (two visiting faculty members) out of which only three having Ph.D. degrees and three with M.Phil. degrees. The remaining young faculty possesses BS and less teaching experience; (ii) Transparent system of document maintenance and assessment/examinations by the faculty also exists; (iii) Adoption of HEC revised curriculum 2014 which was revised in 2019 as per need of the industries and market; (iv) The department has established 11 state of art laboratories with fully functional equipment with manuals, protocols.

Weaknesses: (i) The department is headed by the senior Lecturer even in the presence of three highly qualified Assistant Professors; (ii) Acute shortage of senior faculty of Associate Professors and Professors; (iii) The department has shortage of some hi-tech equipment, baking, canning and carbonated beverage units; (iv) Insufficient training programs for faculty and lab. staff; (v) Insufficient trained lab. staff.



AIC Recommendations: (i) Appointment of senior and highly qualified faculty having FST specialization and training of young faculty should be conducted; (ii) A senior person of the faculty may be appointed as HoD; (iii) Procurement of some pilot plants and some hi-tech equipment is needed; (iv) Purchase of more subject related HEC recognized books; (v) Ph.D. faculty must be encouraged to develop/prepare research projects for funding; (vi) Undergraduate admission shall be announced once in a year not in every semester and number should be reduced to 50 students per section in order to provide quality education; (vii) Arrangement of exposure visits of industries for students during their degree program; (viii) Faculty must be motivated to participate in various national and international seminars, symposium and workshops; (ix) Career placement bureau for student counseling must be established; (x) More linkages be established with industries and industrialist experts must be invited for their lectures at the university level for awareness of the students; (xi) 8th semester should be dedicated for internship preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (xii) Safety equipment and first aid boxes must be instated at suitable places; (xiii) Role of QEC and ORIC must be strengthened; (xiv) Sports and medical facilities must be provided to the students; (xv) A well-equipped processing hall must be established; (xvi) Day care center facility must be provided for female teachers.

K. MNS University of Agriculture, Multan

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Bismillah Khan	Prof. Dr. Nazim Hussain Prof. Dr. Azra Yasmeen
Date of Visit	February 13-14, 2018	January 11-12, 2022
Rating	X ₂ with 700 score (70%)	X ₁ with 770 score (77%)
Remarks	Rating improved	

Strengths: (i) Highly qualified teaching staff with good academic and scientific background; (ii) Potential for research and competency to win research grants; (iii) Established research farm at Multan and Jalal Pur Peer Wala; (iv) MoUs with South Punjab Agriculture Forum for collaboration in teaching and research; (v) Satisfactory transport and hostel facilities; (vi) The highest number of students' intake in all programs, hence being the most preferred subject; (vii) Well developed and established international liaison with different organizations

Weaknesses: (i) Lack of Professor in the Department; (ii) Turnitin facility is not available to faculty; (iii) Lack of HEC lab establishment funds; (iv) Insufficient and less comfortable faculty offices; (v) Lack of medical center; (vi) Centralization of research resources; (vii) Inadequate office space for the faculty offices, teaching and Ph.D. students; (viii) Lab maintenance budget has not been specified and funds for departmental library books are insufficient; (ix) Lack of qualified and trained laboratory staff/technicians.

AIC Recommendations: (i) Appointment of Professor with strong academic and administrative background is required; (ii) Addition of faculty offices and teaching labs.; (iii) Lab's supporting staff must be selected on the basis of relevant qualification/experience for handling the scientific instruments/equipment safely. A qualified electronic engineer may be appointed at faculty level to look after the working and maintenance of lab equipment; (iv) The credit hours of the general courses of Agronomy for B.Sc. (Hons) Agri. may be increased. At least one general course in first four semesters; (v) Budget allocation for development, research, seminars/conferences, library and labs may be specified and be increased; (vi) Trend of shifting emphasis from

teaching to only publications must be discouraged and emphasis should be placed on writing text books; (vii) Ph.D. faculty needs to win external research grants to promote faculty as well as graduate student's research; (viii) Provision of recreational as well as indoor/outdoor sports facilities for students; (ix) Further upgradation of books and journals of the university library; (x) Separate rooms for teachers to maintain privacy; (xi) Decentralization of research resources is required; (xii) Repair and maintenance of lab budget should be specified; (xiii) More emphasis on practicals and field training for students is required

2. Summary of AIC Visit of B.Sc. (Hons) Entomology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof (Retd). Dr. M. Aslam	Prof (Retd). Dr. M. Aslam Prof. Dr. Sarfaraz Ali Shad
Date of Visit	February 13-14, 2018	January 11-12, 2022
Rating	X ₂ with 735 score (73.5%)	X ₁ with 750 score (75%)
Remarks	Rating improved	

Strengths: (i) Highly qualified and trained faculty members; (ii) Strong research base and competency of the faculty to secure external research funding, research publications and presence in conferences; (iii) Active involvement of faculty and students in community service; (iv) Linkages with national and international institutes.

Weaknesses: (i) Multiple copies of recommended books are not enough in the library; (ii) Shortage of research journals, especially hard copies, in the library; (iii) Lack of efficient internet facility; (iv) Insufficient recreational facilities; (v) Insufficient laboratory space and equipment to match the requirement of undergraduate students.

AIC Recommendations: (i) Senior faculty should be inducted on BPS/TTS as per HEC criteria to run the departmental activities smoothly; (ii) Provision of more laboratory equipment and space to meet the need of practicals of all the under-graduate courses; (iii) Technical staff should be appointed for maintenance of lab equipment; (iv) Curriculum may be updated in consultation with all stake holders; (v) More emphasis may be given to practical work; (vi) Labs must be equipped with latest equipment; (vii) Field trips should be arranged regularly in order to get better insight of the latest advancement in field; (viii) QEC must share the course evaluation report with the relevant teachers; (ix) Hostel facility may be improved; (x) On-Campus medical facility must be provided; (xi) Additional transport facility for the students is needed; (xii)



Course files to be properly maintained having all the relevant documents; (xiii) Improvement of on-campus internet facility; (xiv) Development/addition of indoor and outdoor sports facility; (xv) Complications are being caused as undergraduate and post graduate labs are separate; (xvi) High student teacher ratio indicate compromise on quality of education and should be addressed as soon as possible.

3. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Zero Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Qayyum	Prof (Retd). Dr. Hafeez Ahmad Sadaqat Prof. Dr. Ijaz Rasool Noorka
Date of Visit	February 13-14, 2018	January 11-12, 2022
Rating	X ₂ with 720 score (72%)	X ₁ with 760 score (76%)
Remarks	Rating improved	

Strengths: (i) Highly qualified and seasoned faculty; (ii) High number of research grants; (iii) Hybrid and blended learning system; (iv) Forum for scientific activities; (v) Weekly meetings of the institute; (vi) Internship placement at private organizations.

Weaknesses: (i) More lab/supporting staff is needed; (ii) Multipurpose auditorium is needed; (iii) Insufficient number of common rooms was observed; (iv) Turnitin accounts for faculty members are needed; (v) Lack of medical facilities at campus.

AIC Recommendations: (i) Provision of more number of Plant Breeding and Genetics titles in library to make it diversified; (ii) Fixing of at least one text book per course per semester to promote book reading habits among students and faculty; (iii) Establishment of independent Directorate of Financial Assistance; (iv) Addition of most appropriate courses in degree programs like Agribusiness, equipment training program etc.; (v) Procurement of under graduate lab equipment to meet practical needs; (vi) Provision of indoor/outdoor sports and health facilities; (vii) High student teacher ratio needed to be addressed properly to impart quality education; (viii) Division of undergraduate and post graduate labs is causing academic and administrative issues.

4. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Moazzam Jamil	Prof. Dr. Muhammad Abid Dr. Ghulam Hassan Abbassi
Date of Visit	February 13-14, 2018	January 11-12, 2022
Rating	X ₃ with 690 score (69%)	X ₂ with 709 score (70.9%)
Remarks	Rating improved	

Strengths: (i) The department is reasonably well qualified and cooperative faculty members with good number of research projects; (ii) Audio-visual aids and video conference room for meetings and seminars; (iii) The faculty is properly satisfied with salary and other incentives.

Weaknesses: (i) There is lack of laboratory and equipment's facility at the department; (ii) There is a lack of enough technical laboratory staff; (iii) There is no equipment repair and maintenance engineer; (iv) There is no any operational budget for research activities.

AIC Recommendations: (i) Senior faculty should be inducted on BPS/TTS as per HEC criteria to run the departmental activities smoothly; (ii) In order to repair and maintain the lab equipment an engineer may be appointed at University level; (iii) An independent recurring budget must be allocated to make the department functional; (iv) Appointment of qualified laboratory staff (Lab Superintendent, Lab Technician and Lab Assistant) is recommended; (v) The labs may be upgraded and latest equipment must be purchased to conduct undergraduate practicals; (vi) Better health and sports facilities should be provided to the students; (vii) Offices may be provided to each faculty member; (viii) On-Campus internet facility should be improved; (ix) Poor student teacher ratio indicate compromise on quality of education and should be addressed on top priority; (x) Problems are being caused since undergraduate & post graduate labs are segregated.

5. Summary of AIC Visit of B.Sc. (Hons) Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. Saeed Akhtar Dr. M. Umair Arshad	Dr. Tauseef Sultan
Date of Visit	February 13-14, 2018	January 13-14, 2022
Rating	X ₃ with 668 score (66.8%)	X ₂ with 740 score (74%)
Remarks	Rating improved	

Strengths: (i) Curriculum according to current needs; (ii) Highly qualified faculty; (iii) Good interaction with private sector.

Weaknesses: (i) Industrial visit and more practical work should be added; (ii) Processing facilities should be merged at one place for better management; (iii) The alumni, students clubs, and societies needs to be more functional.



AIC Recommendations: (i) The faculty members are over-occupied and more faculty members are needed to run the affairs smoothly; (ii) The fresh and experienced faculty members should be appointed to bring balance to student and teacher ratio; (iii) The faculty is hired by different disciplines and it is suggested that the Faculty of Food Science should be established with different departments in analogy with University of Agriculture, Faisalabad; (iv) The students industrial visits and more practical work should be part of degree program; (v) Processing facilities should be merged at one place for better management; (vi) The alumni, students clubs and societies needs to be functional; (vii) The faculty should be encouraged to be more aggressive in hunting research grants form various national & international donor agencies; (viii) Lack of diversity in research is problem as food science is multidisciplinary and holds many areas of research ranging from product development, dairy sector, meat sector, cereals, etc. Research should be a continuous process.

6. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Akbar Anjum Dr. Muhammad Nafees	Prof. Dr. M. Akbar Anjum. Dr. Shaghef Ejaz
Date of Visit	February 13-14, 2018	January 13-14, 2022
Rating	X ₃ with 655 score (655%)	X ₂ with 711 score (71.1%)
Remarks	Rating improved	

Strengths: (i) Only one Agriculture University in southern Punjab imparting education in different fields of agriculture including Horticulture; (ii) Qualified, competent, enthusiastic and highly motivated young faculty, actively involved in teaching, research and publication of research results; (iii) Peaceful and conducive environment for learning; (iv) Out-reach activities are appreciable to deliver research findings to the local community; (v) Kitchen gardening activities are good addition to promote awareness in the community.

Weaknesses: (i) No junior (Lecturer) and female faculty in the department; (ii) Limited research facilities due to budget constraints as budget for equipment, instruments, chemicals, glassware etc. is not enough; (iii) Inadequate number of greenhouses, growth chambers, cold store etc. for faculty research and students' practical work, especially for postgraduate students; (iv) Non-availability of trained support staff especially laboratory staff i.e., Lab. Technician to operate and maintain the equipment and instruments; (v) Faculty offices, lecture room and laboratory facilities need improvement with provision of departmental library; (vi) Number of books and latest editions of textbooks available in the library are not enough, limited computing and internet facilities for the students; (vii) Shortage of viable research projects to develop and strengthen existing lab facilities; (viii) Students are not satisfied with transport, hostel, sports and health facilities.

AIC Recommendations: (i) The department of Horticulture be upgraded to Institute of Horticultural Sciences; (ii) Special consideration should be given to the appointment of at least one female faculty member in the department; (iii) Well-trained support staff especially laboratory staff i.e., Lab Technician and Lab Assistant be appointed to operate and maintain the equipment and instruments; (iv) Well trained administrative/clerical staff be appointed for dealing official matters and maintaining office record; (v) Lab. facilities are insufficient, which must be upgraded by purchasing new equipment an necessary chemicals and glassware; (vi) Budget for equipment, instruments, chemicals, glassware and books should be increased; (vii) Prescribed/recommended text and reference books (at least two sets) and research journals should be purchased to improve the standard of the library and other facilities like photocopier and scanners be established to cater the need of the students. However, it is strongly recommended that a separate departmental library should be established; (viii) There should be modern experimental orchards of all tropical and subtropical fruits under the administrative control of the department of Horticulture. Further, a modern fruit and ornamental plant nursery should also be

established. Field staff including Field Assistants, Gardeners and Beldars should also be appointed on regular/contract/daily wages; (ix) Provision of ICT facilities to the students and access to HEC digital library must be ensured; (x) Medical, transport, hostel, sports and cafeteria facilities should be improved.

7. Summary of AIC Visit of B.Sc. (Hons) Seed Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Qayyum Dr. Rashid Anwar	Prof (Retd). Dr. Hafeez Ahmad Sadaqat
Date of Visit	February 13-14, 2018	January 13-14, 2022
Rating	X ₃ with 660 score (66%)	X ₃ with 690 score (690%)
Remarks	No improvement	

Strengths: (i) MNS University of Agriculture Multan is in the cluster of almost all agricultural institutions in Multan, like CCRI, CRS, Mango Research Institute, Extension, Water Management, ICI Pakistan Ltd., Fatima Group, SANIFA and Rathore Seeds etc. which is always supportive to the faculty and students; (ii) Multidisciplinary approach in degree program of seed science and technology utilizes the best labs and the best teachers from different departments like Entomology, Pathology, Agribusiness, Agronomy and Plant Breeding etc.; (iii) Frequently regular meetings of statutory and regulatory bodies in the university resolves the matters proactively; (iv) The university is serving less privileged rural masses in southern Punjab, and so have great potential of work and progress.

Weaknesses: (i) Infrastructure like classrooms, laboratories, auditorium, common and seminar rooms, sports complex, cafeteria, are in its initial form of developed and will take time for establishment; (ii) Institute's name does not reflect the name of Seed Science and Technology and the main degree curricula lacks major introductory course of seed science in first four semesters; (iii) Seed Science and Technology degree program has not been linked up with the agencies like Punjab Govt, PPSC, FSC&RD, Seed Companies, and other job providing stakeholders which discourages the students.

AIC Recommendations: (i) There is need of further strengthening and development of infrastructure like classrooms, laboratories, auditorium, common and seminar rooms, sports complex, cafeteria etc.; (ii) Institute's name does not reflect the name of Seed Science and Technology and the main degree curricula lacks major introductory course of seed science in first four semesters. The name be revised to incorporate seed Science and Technology and a major introductory course also be incorporated in first four semester; (iii) Seed Science and Technology degree program has not been linked up with the agencies like Punjab Govt, PPSC, FSC&RD, Seed Companies, and other job providing stakeholders which discourages the students. All efforts be made to accomplish this weakness by writing letters and making follow ups from the Registrar Office; (iv) Curricula for Seed Science and Technology should be revised and may be made it proactive, and demand driven. HEC may also be approached to revive NCRC; (v) Purchase of new multimedia and other teaching learning instruments, and repair of damaged instruments is needed; (vi) Classrooms have echo problem and difficult to hear clearly which is to be resolved.

L. Gomal University, Dera Ismail Khan

1. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Zero Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Ishfaq A. Hafiz	Prof (Retd). Dr. Noor-ul-Amin Dr. Muhammad Sajid
Date of Visit	November 3-4, 2016	February 17-18, 2022
Rating	X ₃ with 670 score (67%)	X ₃ with 671 score (67.1%)
Remarks	No improvement	

Strengths: (i) Highly qualified faculty (more than 90% Ph.Ds.); (ii) The faculty has sufficient experience in various disciplines of Horticulture; (iii) Spacious infrastructure in terms of faculty building; (iv) The department owns on campus fruit and ornamental nurseries and research fields; (v) The department also has well established orchard close to the faculty building; (vi) Online teaching and evaluation system.

Weaknesses: (i) Space for classrooms and labs is inadequate to meet the needs of students; (ii) Shortage of qualified and trained supporting staff for labs and research farm; (iii) Lack of lab equipment, farm machinery, computers and transport; (iv) No program for training of faculty and support staff; (v) No university grant for research and operational expenses; (vi) Fewer/no opportunities for promotion; (vii) Less boarding facilities.

AIC Recommendations: (i) Curriculum should be updated regularly to incorporate topics on current issues and future needs so that students can be prepared for future challenges. It should be problem-oriented and market-driven to serve the society and the industry; (ii) Meetings of statutory bodies (BoS, BoF) should be held regularly and recommendations submitted to relevant authorities for approval and implementation; (iii)



Long/short term capacity building programs for both teaching and non-teaching staff particularly Lab Staff may be organized; (iv) Collaboration with national and international organizations needs to be developed in order to explore possibilities for joint research projects; (v) Opportunities may be created for faculty members to deliver lectures on specific topics at other institutions. Simultaneously teaching staff of other universities may be invited for special topics; (vi) More classrooms, labs with enough spaces for students, required chemicals etc. and effective sound system may be added to existing infrastructure. Repair/renovation of all the infrastructure may be carryout promptly; (vii) Students accommodation facility is the urgent need, the facilities may be improved to cope up with the increasing number of students; (viii) Appropriate maintenance budget may be allocated to the department; (ix) Transport facility may be strengthened; (x) Course files must be maintained by the relevant teacher; (xi) Faculty may encouraged to compete and earn research projects; (xii) Regular field work/visits must be ensured; (xiii) Internet facilities both at department and hostels may be installed and students' access may be given to use such facilitates for research and teaching; (xiv) The department needs to establish a computer lab; (xv) The students may also be provided necessary support and guidance for career planning; (xvi) Library at department needs to be established with all needed facilities; (xvii) Latest edition of text books and journals of international repute for respective disciplines may be added every year; (xviii) Significant increase in budget may be ensured to meet the genuine needs for quality research and teaching; (xix) Various funding agencies at national/international level may be approached for necessary grants and technical support; (xx) Linkages with national and international bodies may be developed; (xxi) This department needs generous support of the University for the improvement of the most important fruit crop of the area; (xxii) The post-harvest program needs further strengthening to work on important issues of the industry; (xxiii) The floriculture & landscape section be provided full support so that they may be able to face future challenges; (xxiv) Role of QEC & ORIC need to be defined and promoted for the betterment of programs across university.

M. Khawaja Fareed University of Engineering & Information Technology, Rahim Yar Khan

1. Summary of AIC Visit of BS Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation /Zero Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Saeed Akhtar	Prof. Dr. M Umair Arshad
Date of Visit	December 13, 2019	February 21-22, 2022
Rating	Not applicable	Y ₁ with 610 score (61%)

Strengths: (i) Administrative support from Vice Chancellor office to engage the faculty with external industry and local private sector leaders for expanding research facilities and extension services; (ii) Student supportive environment from all aspects of cooperation starting from basic health facilities to academic deficiencies; (iii) Centrally controlled and supervised academic calendars through vigilant QEC support and regular intake of classes and practical work as needed; (iv) External engagement for arranging professional lectures and holding seminars at department level; (v) The commitment of high ups to invest in the department is also applauding. The Vice Chancellor and the respective Dean have shown extraordinary will to invest in this professional discipline, especially from academia industry linkage standpoint; (vi) Dedication of faculty is also commendable and they are doing their best in the limited resources (being a new university).

Weaknesses: (i) Department is situated in a building of civil engineering, which is lacking sufficient laboratory and classroom facilities. The exclusive and dedicated building would be a strength for students as well as researchers to excel their ambitious vision in right directions; (ii) The department is lacking senior faculty as

well as regularization of some existing junior faculty member, including Lecturers and Assistant Professors, which are one of the strong pillars of any department. Although few of the faculty is regularized, but it is unfortunate that department couldn't regularize all the junior faculty yet, which is direly needed at this time. Moreover, the promotion of existing faculty to senior cadres as well as new induction is also highly recommended; (iii) Faculty is struggling in getting successful research grants from public or private sector organizations. There is currently no research project and this area needs special attention; (iv) Although department is extending collaborations with regional industry, however, there are weak collaborations with local and national private sector organizations, in particular the food processing industry, which needs to be strengthened; (v) Department is providing few extension activities to city, however this needs some serious attention. It is suggested to enhance the collaboration with commercial stakeholders and develop some basic processed food products for the local community. Lack of indigenous library faculty; (vi) Very low number of supporting staff for the smooth functioning of laboratories; (vii) Lack of sufficient budget for consumables to execute the routine research and practical expenses for both undergraduate and post graduate students.

AIC Recommendations: (i) There is a dire need of senior faculty as well as regular Lecturer and Assistant Professor level inductions at this stage to save the quality of education and research; (ii) The faculty needs to get engaged with local food industry processing partners to uplift the quality of practical education of students as well as the implant their vision for the uplift of the region through consultancy services to the society as well as industry; (iii) Faculty needs to garb more research funding through external sources including both private and public sector organizations. It is highly recommended to get engaged with donor organizations working for agriculture uplift in the area and add the value in food processing side of their projects; (iv) Although the food processing facility is provided by the university administration, however there is a need to run this semi-commercial facility on priority basis. This facility would generate the income for department as well as university in addition to hands on training for students and local industry workers; (v) Currently the department is not having a single supporting staff for labs and other offices, therefore, university administration is suggested to recruit more supporting staff for the sufficient number of research laboratories; (vi) The annual budget for consumables needs to be fixed and enhanced for the better facilities to the practical work of undergraduate and postgraduate students; (vii) Internships (preferably paid) should be arranged during 8th semester and if some courses are being taught in final semester those courses may be shifted to 5th, 6th or 7th semester; (viii) The department needs an exclusive and dedicated building.



N. Govt. College University, Faisalabad - Layyah Campus

1. Summary of AIC Visit of B.Sc. (Hons) Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Masood Sadiq Butt Dr. Saeed Akhtar Dr. M. Umair Arshad	Prof (Retd). Dr. Tahir Zahoor
Date of Visit	March 12, 2018	February 24, 2022
Rating	Y ₂ with 570 score (57%)	Z ₁ with 486 score (48.6%)
Remarks	Rating declined	

Strengths: (i) The campus since the establishment of Layyah school in the year 2012 it has attained good popularity in the city; (ii) Management, if wants can make efficient plans to develop and maintain conducive environment for learning although space of the institute is enough to perform several HEC based guidelines activities.

Weaknesses: (i) Quality Enhancement Cell for proper feedback from students is missing; (ii) Shortage of faculty, lab staff and supporting staff; (iii) Laboratories are lacking in some of the hi-tech instruments needed for food science; (iv) Literature in departmental library need to include recent books, periodicals and encyclopedia; (v) Most of the classrooms need improved teaching aids and relevant facilities; (vi) Non-availability of day care center for female faculty; (vii) Poor financial control reflects campus authorities' non serious attitude towards a noble cause; (viii) Record keeping and management of statutory meetings (BoS, BoF, Academic Council etc.), communication is in consistent due to lack of coordination with main campus; (ix) Student-teacher ratio needs improvement by recruiting more faculty in hierarchical order to rationalize workload; (x) A common room for female students, students counselling office and healthy eatery, proper medical center/dispensary with facilities and medicines for a huge number of students is missing at the campus; (xi) Qualified teachers/hiring procedure are needed as per HEC criteria; (xii) Right person for right job is required.

AIC Recommendations: (i) Official appointment of Campus Director, Registrar, Controller of the Examination, Director QEC and additional laboratory staff separately and hiring of the faculty for maintaining students teacher ratio; (ii) Appointment of MBBS Doctor and provision of medical facility as per requirement for such a huge number of students with complete provision of first aid facilities; (iii) Provision of multimedia (audio-visual) facilities in each classroom, seminar hall/auditorium and clean drinking water for employees and students. Establishment of a common/prayer room for female students and student counseling office; (iv) Current laboratory facilities should be upgraded with equipment, maintained log books, practical performance with appropriate facilities for practical demonstration; (v) Improvement of transport facility, although sufficient but looks not well maintained as per government policy including vehicle condition/fitness certificates; (vi) Continuous and effective coordination with the GCUF main campus to follow up directives as per standards of the HEC. Formulation of special Board of Studies/Faculty Board for effective and continual alignment with the main campus (GCUF) for consistent adoption of directives; (vii) Additional permanent faculty must be recruited following HEC policy to maintain the educational quality; (viii) Right person for the right job must be reviewed as nutrition degree qualified teacher was assigned as HoD of the Food Science and Technology program while replacing Food Technologist with higher experience; (ix) Academia-industries links needs genuine focus to strengthen collaboration. Accordingly, students will be able to get more opportunities for industrial visit and internships to strengthen their practical knowledge and skills. Record of industrial linkages and MoUs should be maintained; (x) A separate budget should be allocated to the department for the

purchase of books, seminars and other professional activities by the faculty. The access of the HEC digital library should be ensured to all students; (xi) Food processing hall needs to be established for practical trainings; (xii) Revision of salary packages of the faculty needs direly to retain and satisfy the faculty for quality system; (xiii) 8th semester should be dedicated for internship preferably paid and if some courses are being taught in 8th semester those courses may be shifted to 5th, 6th or 7th semester; (xiv) As per students complaint campus authorities need to observe serious financial discipline for charging semester fee at appropriate time as per law.

O. University of the Punjab, Lahore

1. Summary of AIC Visit of B.Sc. (Hons) Entomology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Muhammad Naeem	Prof. Dr. Muhammad Razzaq
Date of Visit	April 16-17, 2018	March 1-2, 2022
Rating	X ₃ with 684 score (68.4%)	X ₂ with 700 score (70%)
Remarks	Rating improved	

Strengths: (i) Highly qualified faculty; (ii) Well-equipped classrooms with all facilities; (iii) Excellent financial support to the faculty for research by the university; (iv) Availability of high-tech research facilities at faculty level; (v) Comfortable facilities for faculty and students like medical, transport and sports etc.

Weaknesses: (i) Strength of the faculty is quite low; (ii) Limited building and research farm area; (iii) Non availability of the recent and updated textbooks; (iv) Inadequate external research grants; (v) Limited study tours/trips for graduate and undergraduate students.

AIC Recommendations: (i) Currently one Professor and one post of Assistant Professor is lying vacant. Hence in order to complete HEC pyramid senior faculty may be hired; (ii) Provision of building being constructed for the last several years; (iii) Improving of academia-industry linkages; (iv) Linkages with industry must be strengthened; (v) Required lab equipment should be purchased on priority; (vi) Faculty must be encouraged to hunt research grants for various national and international donor organizations; (vii) Study tours/trips for graduate and undergraduate students must be made for field exposure; (viii) Library should be upgraded with recent and updated text books; (ix) High student teacher ratio needed to be addressed properly to impart quality education.



2. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Khaliq	Prof. Dr. Nazim Hussain
Date of Visit	October 29, 2020	March 1-2, 2022
Rating	Not applicable	X ₃ with 680 score (68%)

Strengths: (i) Provision of skilled human resource to agricultural industry throughout the country particularly Punjab province; (ii) Short courses, trainings and social integrations is/will be offered for public training and awareness; (iii) Facilities for molecular level research are available; (vi) Strengthening relations with private agricultural and farming industry and public sector organizations i.e. Zarai Taraqati Bank, other commercial banks, progressive farmers, fertilizers, seed and pesticide companies etc., for joint ventures; (v) Multidisciplinary approach for problems solving.

Weaknesses: (i) Shortage of lab equipment for advanced research in certain specialized areas like poly-phenolic analysis etc.; (ii) Lack of experimental research area and modern agricultural machinery as being used in developed countries and progressive growers of Pakistan; (iii) Funds for chemicals and glassware, at present the budget allocated for chemicals & glassware is Rs.1.0 million, for field visits Rs.0.1 million and for library Rs.0.3 million per annum, which is totally insufficient to meet the requirements for quality education; (iv) Insufficient budget for industrial tours and extra-curricular activities; (v) Main budget offered by the University is insufficient to meet the minimum requirements for laboratories and research as well; (vi) Budget is urgently required for the establishment of model agricultural farm; (vii) Shortage of faculty (a seat of Lecturer has already been advertised and the selection board for it is awaited that may reduce the burden on the serving faculty and strengthen the quality of teaching and research).

AIC Recommendations: (i) Senior faculty should be inducted on BPS/TTS as per HEC criteria to run the departmental activities smoothly; (ii) Faculty should be encouraged to avail HEC Post Doc facility in order to have insight of latest advancements in the field of Agronomy; (iii) Addition of a well-equipped farm keeping in view the training needs of the student; (iv) Provision of 2 sets of recommended textbooks and reference books in agronomy; (v) Budget for lab equipment, chemicals, glassware and books should be increased and made available with Chairman of the department; (vi) Faculty should be motivated to write and win more competitive research grants; (vii) The industrial linkages must be developed and strengthened; (viii) Technical lab staff may be hired; (ix) Sufficient funds should be provided to carry on industrial tours should be a regular part of the degree program so that the graduates should gain first hand practical knowledge; (x) On-Campus residential facilities should be provided to the faculty; (xi) Safety measures such as fire extinguishers and first aid kits should be made available in labs; (xii) Necessary equipment to conduct practicals as defined in curriculum should be purchased; (xiii) Budget must be allocated for establishment of modern agriculture farm.

P. Shaheed Zulfiqar Ali Bhutto Agriculture College, Dokri

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Khaliq	Prof. Dr. Nazim Hussain
Date of Visit	November 22-23, 2016	March 14-15, 2022
Rating	Z ₁ with 475 score (47.5%)	Y ₁ with 640 score (64%)
Remarks	Rating improved	

Strengths: (i) Buildings, covered area for lecture rooms as well as offices of faculty is abundant. Departmental has sufficient laboratory space for conducting research; (ii) The internship is compulsory for each undergraduate student.

Weaknesses: (i) Lack of state-of-the-art controlled-environment facility for conducting studies in field crops; (ii) Shortage of many of the essential laboratory equipment that is meant for agro-physiological investigations in plant science; (iii) Quality of lab equipment is inadequate to meet the research needs of postgraduate and Ph.D. students; (iv) Lab staff is only meagerly available. Annual budgetary allocation for maintenance and operation of labs is inadequate; (v) Funds for the purchase of books are insufficient. The department does not subscribe to even a single foreign journal for its library.

AIC Recommendations: (i) Laboratories need to be made functional by providing operational funds as well as equipping these with more recent apparatus; (ii) Supporting staff need to be recruited on the basis of relevant qualification for handling the scientific equipment safely; (iii) Budget allocation for development, research, library and labs may be specified and be increased to meet the demands properly; (iv) Funds should be allocated to attend international conferences/seminars; (v) The latest editions of the books should be purchased, international journals are subscribed and communication facilities be upgraded; (vi) Electricity, water problems and maintenance of buildings should be addressed. Training on IT to the faculty in Agronomy and others; (vii) Conduct a course on project development for the faculty; (viii) A scientific writing course be conducted for the faculty; (ix) At least two sets of prescribed/ recommended text and reference books should be made available in the library; (x) A new PC-I needs to be developed to cater the needs of contemporary programs in Agriculture and in the Department of Agronomy; (xi) 8th semester should be dedicated for internship (preferably paid) if some courses are being taught in 8th semester those may be shifted to 5th, 6th or 7th semester; (xii) Industrial linkages must be established and strengthened; (xiii) Sports, Medical and hostel facilities must be improved; (xiv) Faculty must be encouraged to hunt research grants from various national and international agencies.



2. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Akbar Anjum	Dr. Muhammad Nafees
Date of Visit	November 22-23, 2016	March 14-15, 2022
Rating	Y ₃ with 511 score (51.1%)	Z ₁ with 487 score (48.7%)
Remarks	Rating declined	

Strengths: (i) Only one Agriculture College in the whole division (Larkana) imparting education in different fields of agriculture including horticulture; (ii) Faculty offices, lecture room and laboratory facilities are sufficient with provision of departmental library.

Weaknesses: (i) No senior faculty (Associate Professor or Professor) in the department; (ii) Qualified and well-experienced faculty is not available to guide the young faculty to improve the standards; (iii) Centralized administrative and financial system at the College level under the control of Principal; (iv) Location is not attractive as it situated in remote area with no facility of public transport and electricity supply; (v) Limited research facilities due to budget constraints as budget for equipment, instruments, chemicals, glassware etc. is not provided; (vi) Lack of greenhouse, growth chambers, cold store etc. for faculty research and students' practical work; (vii) Non-availability of trained support staff especially laboratory staff (Lab Technician and Lab Assistant) to operate and maintain the equipment and instruments; (viii) Number of books and latest editions of text books is not available in the library; (ix) Limited computing and internet facilities for the students; (x) Weak linkages with institutions and stakeholders; (xi) Shortage of viable research projects to develop and strengthen existing lab facilities.

AIC Recommendations: (i) Special consideration should be given to the appointment of at least on senior faculty member at Professor or Associate Professor level in the department to fulfill HEC criteria; (ii) Well-trained support staff especially laboratory staff (Lab Technician and Lab Assistant) be appointed to operate and maintain the equipment and instruments; (iii) Lab facilities are insufficient, at least one more lab. with tissue culture facilities be established; (iv) Budget for equipment, instruments, chemicals, glassware and books should be created; (v) Well trained administrative/clerical staff be appointed for dealing official matters and maintaining office record; (vi) A separate Departmental Board of Studies be constituted to deal with academic matters of the department; (vii) Prescribed/recommended text and reference books (at least two sets) and research journals should be purchased to improve the standard of the library and other facilities like photocopier and scanners be established to cater the need of the students. However, it is strongly recommended that a separate departmental library should be established; (viii) Orchards (citrus, mango, guava, banana, date palm etc.) should be established as experimental orchards. Field staff including Field Assistants, Gardeners and Beldars should also be appointed for the maintenance of orchards, nursery and vegetable farm; (ix) Provision of ICT facilities to the students and access to HEC digital library must be ensured; (x) Faculty should be motivated to write and win viable research projects; (xi) Necessary arrangement should be made for guidance and counseling to the students; (xii) 8th semester should be dedicated for internship (preferably paid) if any courses are being taught in 8th semester those may be shifted to 5th, 6th or 7th semester; (xiii) Industrial linkages must be established and strengthened; (xiv) Sports and medical facilities must be improved; (xv) Greenhouse and growth chambers should be constructed to conduct various research activities.

3. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Qayyum	Dr. Waqas Malik
Date of Visit	November 22-23, 2016	March 14-15, 2022
Rating	Y ₃ with 540 score (54%)	Z ₂ with 446 score (44.6%)
Remarks	Rating declined	

Strengths: (i) College is located in an agriculturally rich region of Sindh Province and is only institute in interior Sindh offering degrees in agriculture, so it has opportunity to hunt brilliant brains across the province.

Weaknesses: (i) Very few administrative powers for the administration at departmental as well as college level due to working under the control of Sindh Agriculture University, located in Tandojam far from the Dokri and there is a big gap of communication between the administration of University and College, which is causing the delay in implementation of many decisions as well as provision of support to the students; (ii) Apparently, College has a huge infrastructure but due to unavailability of ample budget, weak administration and lack of interest of the faculty members, it seems resources are not ample for the degree programs, especially in the department of Plant Breeding and Genetics; (iii) Shortage of annual budget for research and maintenance of laboratories; (iv) Un-availability of research field for experimentation and crop breeding programs; (v) Un-availability of skilled supporting staff for experimentation etc.; (vi) Lack of well-established departmental library and faculty offices.

AIC Recommendations: (i) The member of AIC has showed serious concern that university and department has not taken any step to act upon the recommendations mentioned in last AIC report of 2016. So it is again requested to please make necessary arrangement for administrative actions on the recommendations of AIC. In this regard it is suggested an activity calendar may please be developed, clearly indicating the timeline to act on the recommendations of AIC and same may please be communicated to the NAEAC, HEC, Islamabad; (ii) The Agriculture College Dokri, is supposed to be the among best agricultural education institute of Pakistan and Sindh, due the location in every rich agricultural zone. However, the on-ground situation is very disappointing, despite the availability of large infrastructure including building and land for experimentation, the structural deterioration is everywhere from busses to lab equipment (PBG) and academic blocks to fields. It is suggested an ample amount of budget may please be allocated or a developmental project may please be submitted to any other funding agency for revamping of whole campus; (iii) The current era is the era of molecular breeding and being an educational institute, it is really imperative to have fully equipped labs with faculty having latest knowledge to produce highly skilled graduates. But here in the department of Plant Breeding and Genetics two non-Ph.D. faculty member are rendering their services. In this regard it is again suggested a. New senior and more dedicated faculty members should be inducted on urgent basis as per HEC recommendations and policy should be made by the competent authority that the person recruited at Department of Plant Breeding and Genetics, College will not be eligible to transfer his/her services to main campus. Previously many faculty members were recruited at College and then moved to main campus ultimately depriving the students from their expertise. b. Although current faculty is competent enough but still need to initiate the capacity building program for faculty at the department of Plant Breeding and Genetics; (iv) It is highly demanding that the budgetary allocation should be made exclusively for the department of Plant Breeding and Genetics for daily experimentation and running of both lab and field experiment. The availability of ample budget is necessary for quality education and running of the department; (v) In the condition, especially when on-campus resources are limited, paid or partly paid internship program of one semester duration should be initiated at undergraduate level for professional development and capacity building of students; (vi) Students of the department have showed their reservation regarding lack of practical work during degree program, here

unavailability of at-least two undergraduate labs is strengthen their claims. It is again suggested that two undergraduate labs must be developed at the departmental level for hands on training etc.; (vii) A research farm/field and containment facility must be established for experimentations; (viii) A separate board of studies for the department of Plant Breeding and Genetics should be constituted to deal the academic matters of the department; (ix) Research funding exclusively for the department of Plant Breeding and Genetics should be hunted by the faculty from national and international funding agencies; (x) A reward-based system must be initiated for the faculty members and researchers to promote the research activities; (xi) Facility of E-library and computer lab at departmental level should be provided to the students of the department for easily approaching online journals, books and research paper etc.; (xii) Placement Bureau should be established for the students to provide job opportunities after completion of their degrees; (xiii) Male and female DSAs may please be appointed at the departmental level to resolve the issue of students; (xiv) A well-furnished departmental library having ample number of recommended books equipped with computers, printer and scanner should be established to facilitate the enrolled students; (xv) On campus boarding facility for female students should be arrange to provide equal opportunities. However, the current condition of the boys hostel is very pathetic, needs revamping/repairing.



4. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. Moazzam Jamil	Dr. Ghulam Hassan Abbasi
Date of Visit	November 22-23, 2016	March 14-15, 2022
Rating	Y ₃ with 542 score (54.2%)	Y ₂ with 591 score (59.1%)
Remarks	Rating improved	

Strengths: (i) Availability of infrastructure including academic block, hostels and farm; (ii) Laboratory with basic equipment's available for carrying out soil, plant and water research.

Weaknesses: (i) There is a lack of enough faculty members and technical laboratory staff; (ii) There is no equipment repair and maintenance engineer; (iii) There is no any operational budget for research activities.

AIC Recommendations: (i) Severe deficiency of high qualified (Ph.D.) faculty so faculty hiring is strongly recommended; (ii) Very limited laboratory equipment is available and most of them are nonfunctional which must be made functional; (iii) Practical outline are poorly covered by faculty members which needs to be

improved; (iv) Provision of book facility is very limited/not appropriate which should be improved; (v) No financial assistance is provided to the needy students of the department; (vi) There is no proper facility of co-curricular activities for the students; (vii) There is no cafeteria facility for the students; (viii) Knowledge level of the students is very poor; (ix) An independent recurring budget must be allocated to make the department functional; (x) Appointment of qualified Laboratory staff (Lab Superintendent, Lab Technician and Lab Assistant) may be ensured; (xi) There is dire need for improvement in hostel & medical facility; (xii) 8th semester should be dedicated for internship (preferably paid) if any courses are taught in it may be shifted to 5th, 6th or 7th semester; (xiii) Industrial linkages must be established and strengthened.

Q. SAU Tandojam, Sub-Campus Umerkot

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Dr. Muhammad Waseem	Prof. Dr. Shakeel Ahmad
Date of Visit	February 24, 2021	March 16, 2022
Rating	Not applicable	Y ₂ with 588 score (58.8%)

Strengths: (i) A well-equipped undergraduate research lab is established in the department; (ii) A centralized IT laboratory is established for the capacity building of undergraduate students at the sub-campus.

Weaknesses: (i) Experience faculty (Professor, Associate Professor and Assistant Professor) are needed for guiding and developing leadership in the department; (ii) Annual intake of student is low; (iii) Limited number of HEC recognized (national and international) research journals; (iv) Farm machinery and implements are not available; (v) Medical facilities for faculty and students are necessitating; (vi) Non-existence of QEC and ORIC activities.



AIC Recommendations: (i) Induction of experienced faculty at the post of Professors, Associate Professors and Assistant Professors in order to meet HEC criteria; (ii) Decentralized system a separate budget head for operational expenditure at the department; (iii) Laboratory technician training and glass house facilities should be improved; (iv) Supporting staff recruitment with relevant qualification and experience is required; (v) Farm machinery and implements should be purchased; (vi) Student's enrollment may be enhanced through awarding merit scholarship, fee in installment and students counseling towards major selection; (vii) A separate departmental library with more HEC recognized (National and International) research journal and HEC recommended text books are required; (viii) Adoption of updated curriculum through new BoS and BoF; (ix) 8th semester may be dedicated for Internships (preferably paid) and if some courses are being taught in final semester those courses may be shifted to 5th, 6th or 7th semester; (x) The industrial linkages must be developed and strengthened; (xi) Department should develop Alumni's association in future; (xii) Development /improvement of recreational as well as indoor/outdoor sports facilities for students/faculty; (xiii) In addition to existing lab one more well equipped lab should be established to fulfill HEC criteria; (xiv) On-Campus medical, hostel and sports facility should be provided to the students; (xv) QEC and ORIC department must be strengthened.

2. Summary of AIC Visit of B.Sc. (Hons) Plant Protection

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Dr. Shafiq Ahmad	Dr. Muhammad Arshad
Date of Visit	February 24, 2021	March 16, 2022
Rating	Not applicable	Y ₃ with 510 score (51%)

Strength: (i) There is separate department with a very potential major Plant Protection; (ii) Opportunities for multidisciplinary research.

Weaknesses: (i) Faculty is not highly qualified (Ph.D.) and all are not well experienced; (ii) The senior faculty is also lacking; (iii) Separate/proper faculty offices are not available; (iv) There is no medical and accommodation facilities for the students and faculty members; (v) There is too much delay in result declaration almost 4-5 months after final exams; (vi) There is no online system (LMS) even no internet facility in the sub-campus; (vii) Space and budget is very limited for the development of new research laboratories and separate faculty offices; (viii) There is insufficient number of journals and books; (ix) The permanent and trained lab staff is not available in the department; (x) There is no proper faculty training program; (xi) There is no linkage with the industry and other research institutes in public and private sector; (xii) There is no proper departmental library and limited number of computers for the students; (xiii) There is limited practical and field research work; (xiv) 8th semester internship program is not diversified.

AIC Recommendations: (i) More faculty members should be appointed on a permanent basis or on TTS, including the appointment of highly qualified and well-experienced senior faculty to fulfill HEC criteria; (ii) A proper faculty training program should be initiated to equip the teachers with modern; (iii) Separate offices should be provided to each faculty member for full concentration on their teaching and research work; (iv) Board of Studies (BoS) should be diversified and meetings should be constituted regularly to deal with academic matters of the department; (v) The latest HEC curricula should be adopted; (vi) At least necessary chemicals and glassware must be purchased; (vii) Study tours/field visits to be organized as part of students' practical work; (viii) More text books and research journals be purchased; (ix) Provision of internet facility and access to the HEC digital library to the teachers and students must be ensured; (x) Safety arrangements and security plans are not in place. The laboratories may also be equipped with fire extinguishers, first aid kits/facilities; (xi) Separate recurring budget be allocated to Plant Protection for smooth functioning of the

academic program and for the purchase of necessary chemicals; (xii) 8th semester may be dedicated for internships (preferably paid) and if some courses are being taught in final semester those courses may be shifted to 5th, 6th or 7th semester; (xiii) The industrial linkages must be developed and strengthened; (xiv) Students of Umerkot area are very poor laptop should be provided to the students for proper learning as they have to pay 50 rupees per slide (ppt) privately; (xv) Faculty members should be encouraged to create the resources in the department in the form of research grants from different national and international funding agencies; (xvi) The laboratory staff should be trained for practical demonstration of insects to the students; (xvii) Medical, sports and canteen facilities should be provided; (xviii) Role of QEC should be strengthened; (xix) Course files should be maintained by the relevant teachers; (xx) ORIC office should be established at the campus; (xxi) Supplementary/summer semester examination should be part of regular degree program in order to facilitate students; (xxii) Hostel facility should be provided to the students.

3. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Dr. Shahmir Ali	Prof. Dr. Muhammad Abid
Date of Visit	February 24, 2021	March 16, 2022
Rating	Not applicable	Y ₂ with 578 score (57.8%)

Strength: (i) SAU Campus Umarkot covers vast area of Mithi, Umerkot, Sanghar and Mirpur Khas imparting education in different fields of agriculture including Soil Science.

Weaknesses: (i) Shortage of faculty for guiding and developing leadership in the department; (ii) There is no senior and experienced faculty (Professor, Associate Professor and Assistant Professor) in Department Soil Science; (iii) Lab equipment particularly glassware and chemicals are limited to conduct students practical work of the courses in Soil Science; (iv) There is provision of computers, but there is no internet facilities, and access to HEC digital library to meet the need of the students and the faculty; (v) No supporting staff especially for administrative work (Clerk, Attendants, Naib Qasid, Mali, Baildar, etc.); (vi) Field trips/study tours for students are lacking; (vii) Students are unhappy with non-availability of hostel accommodation and medical facilities.

AIC Recommendations: (i) Special consideration should be given to the appointment of at least one senior faculty member at Professor and/or Associate Professor Level and two more Assistant Professors in the department; (ii) The department is deficient of infrastructure required for the degree programs, therefore two well-equipped laboratories with essential equipment, supplies, chemicals and reagents, glassware are required; (iii) The department needs to appoint technically qualified supporting staff. Each laboratory has at least one trained Lab Assistant and one Lab Attendant; (iv) Budget for equipment, instruments, chemicals, glassware and books should be fixed for department; (v) Major subject's allotment procedure is not clear. This creates imbalance in distribution of students in other disciplines; (vi) Well trained administrative/clerical staff may be appointed for dealing official matters and maintaining office record; (vii) The department does not have medical and sports facility for students. There is need to provide full time medical and sports facility; (viii) A separate departmental board of studies should be constituted to deal with academic matters of the department; (ix) Prescribed/recommended text and reference books (at least two sets) and research journals should be purchased to improve the standard of the library and other facilities like photocopier and scanners be established to cater the need of the students. However, it is strongly recommended that a separate Departmental Library should be established; (x) There is no access to HEC digital library as no internet on campus is available; (xi) Faculty should be motivated to write and win viable research projects; (xii) Necessary arrangement should be made for guidance and counseling to the students; (xiii) Participation of faculty

members in conferences seminars and workshops may be encouraged to improve exposure and interaction with peer groups worldwide; (xiv) 8th semester students may be dedicated for Internships (preferably paid) and if some courses are being taught in final semester those courses may be shifted to 5th, 6th or 7th semesters; (xv) The industrial linkages must be developed and strengthened; (xvi) There is a great scope to explore soil of the region, therefore at least one Faculty members trained in soil classification/soil survey/soil genesis may be appointed; (xvii) Field visits/industrial tours must be regular part of the degree program.



R. Sindh Agriculture University, Tandojam

1. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. Zulfiqar Ali	Prof. Dr. Zulfiqar Ali
Date of Visit	December 13-14, 2017	March 17-18, 2022
Rating	Y ₁ with 610 score (61%)	X ₃ with 669 score (66.9%)
Remarks	Rating improved	

Strengths: (i) A good number of well-qualified teaching staff is available in the department of Plant Breeding and Genetics; (ii) Overwhelming response of students to this major; (iii) A partially equipped cytogenetics lab to conduct graduate level research is present in the department of Plant Breeding and Genetics; (iv) Excellent infrastructure for faculty and students accommodation, sports etc.; (v) The department has a crop research lab where students are facilitated to collect data as per their M.Sc. and Ph.D. research; (vi) The department has a research area and Seed Research Centre for conducting trials on genetic architecture of various crop plants, modification as per economically useful traits is being done there with reference to conventional breeding.

Weaknesses: (i) The department requires molecular genetics research lab currently molecular genetics has been a part of several M.Sc. and Ph.D. researches and support from NIA, Tandojam and NARC, Islamabad is generally taken; (ii) Research lab is poorly equipped with basic lab equipment, instruments, chemicals, glassware etc. for class practicals; (iii) Funds are not enough for faculty and students research; (iv) Faculty offices are insufficient; (v) Internet and other ICT facilities are insufficient for the faculty and students; (vi) Faculty performance is poor in terms of linkages with national and international institutions and stakeholders to establish a healthy and competitive work environment.

AIC Recommendations: (i) University may devise a policy to regularize contract employees in the light of Federal and Provincial Government policies; (ii) The department is deficient of teaching and research lab facilities, basic lab equipment like microscopes, electronic balances, seed counters, meter rods, PCR, electrophoresis, gel doc system, chemicals/glassware's etc. may be provided; (iii) Molecular genetics research lab should be made available; (iv) Faculty training in pedagogy and mentoring may be planned and implemented; (v) Faculty members may be motivated to submit and win research more grants, develop national and international linkages; (vi) More funds and facilities may be provided to faculty and students for research, hands-on training and practical sessions, improving IT skills, exposure with peer groups including industry, study tours and co-curricular activities; (vii) Organize more scientific conferences/workshops/symposia, stakeholder gatherings/melas etc.; (viii) Improve scholarship award system of the university including simple and easy procedure, transparency and display of awardee list publicly on notice board and University website; (ix) Improve/increase students especially female students pick and drop transport facility especially points from Hyderabad; (x) Job fairs may be organized. Students exposure to industry through paid internship and entrepreneurial motivation activities may be promoted; (xi) Foreign scholarships, trainings or other opportunities may be circulated through appropriate electronic/social media; (xii) University may formulate a complaint and grievances handling system - say online complaint box on University website; (xiii) Adequate funds should be provided for research; (xiv) On-campus Internet facility must be improved.



2. Summary of AIC Visit of B.Sc. (Hons) Food Science & Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. Saeed Akhtar	Dr. Shahina Naz Dr. Syed M Ghufraan Saeed
Date of Visit	December 13-14, 2017	March 17-18, 2022
Rating	X ₁ with 765 score (76.5%)	X ₂ with 700 score (70%)
Remarks	Rating declined	

Strengths: (i) All faculty members are experienced and relevantly qualified; (ii) Active participation of faculty members in publication, international and national seminars, workshops and conferences; (iii) The faculty make sure the completion of the course content and properly maintained the course file and lab manuals; (iv) Labs are well equipped with pilot plants; (v) Good number of text books with multiple volumes and reference books in the library.

Weaknesses: (i) From 2012 no new hiring of teaching faculty and staff. No librarian in the department. Teacher to student ratio is 1:47 and only four Lab Assistant/Technical staff for the labs and pilot plants; (ii) No separate classrooms for every year. Only one classroom is available for final year students while rest of the classes are conducted in laboratories; (iii) Lack of audio visual facilities; (iv) Lack of seating capacity in the library as well as in computer lab; (v) Lack of operational budget for the maintenance of pilot plants and labs; (vi) After 2014 no change in the curriculum. It should be harmonized according to the industrial need through feedback mechanism; (vii) No feedback mechanism from industry e.g. industrial advisory board; (viii) Communication skill of students needs to be improved as few students have weaker communicational background found in the interview of students.

AIC Recommendations: (i) At least 4-5 new faculty members must be appointed/hired having basic degree in Food Science and Technology to improve student teacher ratio; (ii) 2-3 Lab Assistants and Technical staff must be hired for the maintenance of equipment in lab and smooth running of pilot plants; (iii) A librarian must be appointed in the library; (iv) Separate and proper classrooms for students of first year to final year must be arranged with AVA/multimedia facilities; (v) Fire extinguishers, first aid boxes, lab safety protocols and safety instructions must be available in each laboratory; (vi) No. of computers and seating capacity of computer room must be increased up to 30; (vii) Faculty must be encouraged to write research proposals and submit them to various national and international funding agencies; (viii) Linkages and MoUs with industries must be established for student's internship, regular visits and financial assistance; (ix) 8th semester should be dedicated for internship (preferably paid) if some courses are being taught those may be shifted to 5th, 6th or 7th semester; (x) Cleanliness in processing hall and display center and around need special attention.

3. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Khaliq Prof. Dr. Fayyaz Ul Hassan	Prof. Dr. Shakeel Ahmad
Date of Visit	December 13-14, 2017	March 17-18, 2022
Rating	X ₃ with 680 score (68%)	X ₂ with 739 score (73.9%)
Remarks	Rating improved	

Strengths: (i) The department has sufficient infrastructure with five classrooms, five fully equipped laboratories to conduct research and academics in various aspects of soil science and twelve offices for

teaching and supporting staff; (ii) The department is further facilitated with an experimental farm, one departmental and a main library with sufficient learning resources for undergraduate and post-graduate teaching and research activities; (iii) Highly qualified faculty as all full-time faculty members are Ph.D. with professional vision and capacity to impart quality education; (iv) Being the constituent part of a good ranked public sector University, the stakeholders of the University are being benefitted with quality civic facilities available; (v) The faculty is active to hunt externally funded research grants and to publish their research. So a number of research projects have been completed and various projects are in hands from various donor agencies. The work is being published in highly reputed journals.

Weaknesses: (i) Acute shortage of trained laboratory staff for different laboratories of the department; (ii) The laboratories are deficient in safety arrangement and security system; (iii) Limited grant or extremely insufficient financial resources/recurring budget for operational expenses and grants for the improvement of efficiency of the faculty and supporting staff were also lacking.

AIC Recommendations: (i) Availability of periodicals and journals in the departmental library for faculty and students; (ii) Trained laboratory staff should be appointed on urgent basis. The capacity of existing supporting staff should be improved through short-term in-land and abroad trainings and courses; (iii) Promotion and incentives of all employs should be justifiable and on the basis of prescribed rules; (iv) Financial assistance should be provided to the internship programs at B.Sc. (Hons) degree program and funds should also be allocated for conduction of postgraduate research; (v) The HEC recommended books in revised curriculum should be made available to the library for the students of the degree programs; (vi) Safety arrangements and security plans in the laboratories and classrooms should be made on urgent basis and emergency exits may be developed at specific sites; (vii) Participation of faculty members in conferences, seminars and workshops need to be facilitated to improve exposure and interaction with peer groups worldwide; (viii) Development of common room in the Department for male and female students, with internet facility in free hours and for prayers; (ix) A fully furnished seminar hall with multimedia and IT facilities should be constructed at departmental level; (x) Faculty may be encouraged to hunt research grants for various national and international donor agencies.

4. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Moazzam Jamil Prof. Dr. Muhammad Abid	Prof. Dr. Muhammad Abid
Date of Visit	December 13-14, 2017	March 17-18, 2022
Rating	W ₃ with 843 score (84.3%)	W ₃ with 860 score (86%)
Remarks	Same status	

Strengths: (i) The department has a 3-floor spacious building with lush-green lawns to run its graduate and post-graduate degree programs effectively; (ii) The laboratories are well-equipped with basic equipment (like Spectrophotometer, Flame photometer, Nitrogen analyzer, pH and EC meters, digital balances, hot air ovens, furnace, shakers, distillation units, soil sampling augers, etc.); (iii) The departmental library is well-maintained with latest textbooks, reference books and research journals. The library has a capacity to accommodate 20 students; (iv) The department has 13 faculty members to run the graduate and postgraduate degree programs. Out of these 12 members are highly qualified and hold Ph.D. Degrees, while 01 faculty member has M.Sc. degree in the discipline of Soil Science; (v) The students of the department were found quite happy and satisfied with their teaching and research activities, and facilities like library, computer, classrooms, etc.; (vi) Course files, lecture schedules, internship records were found properly maintained and satisfactory; (vii) The

department follows the HEC revised curriculum-2014 under semester system with minor modifications; (viii) The faculty members were found active and involved in publication of research, submission/winning/running of projects and participate in conferences, seminars, symposia, etc.; (ix) Lab and office staffs were found skilled, devoted and punctual in their duties.

Weaknesses: (i) There is a shortage of Lecturers in the department; (ii) High-tech lab equipment, e.g., AAS, HPLC, GC, ICP-MS etc. are lacking; (iii) Research facilities in specific branches of Soil Science, like soil microbiology, mineralogy, soil survey, soil physics and soil conservation are inadequate; (iv) Inadequate budget to run the house-keeping activities of the department; (v) No annual defined budget for purchase of books and journals for the library; (vi) No annual defined budget for the repair and maintenance of lab equipment and smooth running of lab activities.

AIC Recommendations: (i) Shortage of Lecturers should be overcome through appointment, following the HEC recommended ratio for composition of faculty members; (ii) Hi-tech lab equipment, e.g., AAS, HPLC, GC, ICP-MS etc. should be provided. The staff should be properly trained to run each equipment effectively; (iii) International and national training programs for improving the quality and qualification of new faculty members should be initiated and continued; (iv) Lab Technicians should be appointed in the department for repair and maintenance of the equipment and machines; (v) More Field visits/Study tours for students should be frequently organized by the department; (vi) All faculty members should be encouraged to develop and submit problem-oriented long-term and short-term research projects for further strengthening the teaching and research facilities in the department; (vii) Budget for smooth running of library, laboratory and departmental chores should be introduced and/or increased; (viii) Efforts should be made to promote Soil Science as major; (ix) One teacher having specialization of soil physics may be appointed.



5. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Akbar Anjum	Prof. Dr. M. Akbar Anjum
Date of Visit	December 13-14, 2017	March 17-18, 2022
Rating	X ₃ with 660 score (66%)	X ₃ with 682 score (68.2%)
Remarks	No improvement	

Strengths: (i) SAU, Tandojam is the only university in Sindh province imparting education in different fields of agriculture including horticulture; (ii) The department has qualified and well-experienced teaching faculty; out of 6 faculty members, 5 have Ph.D. degrees; (iii) Peaceful and conducive environment for learning; (iv) Prescribed rules and procedures are followed for admission and conduct of teaching programs.

Weaknesses: (i) No young faculty (especially Lecturers) in the Department, as there has been no new induction during last few years; (ii) No separate/independent recurring budget for the department to meet day to day requirements as there is Centralized financial system at the University level under the control of Director Finance/Treasurer and the Vice Chancellor; (iii) Lack of proper infrastructure, as the department has only on lecture room, which is also used for seminars, and there is no meeting room; (iv) Limited laboratory and research facilities, as there are only few and very old equipment and shortage of research chemicals and glassware; (v) Shortage of lab equipment particularly for Post-Harvest Management/Physiology, Plant Tissue Culture, etc.; (vi) No separated budget for research or purchase of equipment, instruments, necessary chemicals, glassware and other supplies; (vii) Non-availability of trained laboratory staff (Lab. Technician, and Lab. Assistant) to operate and maintain the equipment and instruments; (viii) Lack of facilities i.e. greenhouse, growth chambers, cold store etc. for faculty research and students' practical work; (ix) No viable research projects to develop and strengthen existing research facilities; (x) No funds are available for faculty research from university own resources; (xi) Limited scholarships and interest-free loan facilities for talented and deserving students; (xii) Inadequate transport facility to provide pick and drop to the local students.

AIC Recommendations: (i) Realizing the current scope of Horticulture, there is a need to upgrade the department to the level of Institute and equip with modern teaching and research facilities; (ii) Special consideration should be given to the appointment of new and young faculty at the level of Lecturer and Assistant Professor to replace the senior faculty being retired in coming few years; (iii) Separate recurring budget should be allocated to the department for smooth functioning of academic programs and meet day to day requirements; (iv) At least four classrooms, one for general classes of semesters I to IV, two classrooms for major class of semester V to VIII, and one for M.Sc. (Hons) and Ph.D. and a seminar room/meeting room should be provided; (v) Further, at least one more fully-equipped and functional lab should be established and a greenhouse should also be constructed for faculty research and students' practical work; (vi) The undergraduate classes for first two years (4 semesters) must be divided in sections, being not more than 40 - 50 students in each section; (vii) Separate budget for purchase of equipment, instruments, chemicals, glassware and other supplies should be allocated; (viii) Faculty members should be motivated to write and submit viable research projects of problem-oriented nature to develop and strengthen existing lab facilities; (ix) The university should also allocate some budget for research from own resources; (x) Contribution by faculty in writing of research papers, books and book chapters is low, it needs improvement; (xi) Currently no international research journal in the subject of Horticulture is prescribed by the Central Library or Departmental Library. Availability of latest volumes of research journals in the library must be ensured; (xii) The student and faculty member should be facilitated and encouraged to attend seminars, conferences, symposia and workshops at national and international level by providing more funds; (xiii) Faculty development program should be initiated and workshops / trainings should be conducted for faculty members;

(xiv) Provision of internet, computing facilities and access to HEC digital library to both the faculty members and students must be ensured; (xv) Transport facilities should be improved to provide pick and drop facility to the local students; (xvi) There is need to create awareness and more opportunities of scholarships and financial support to the students; (xvii) Necessary arrangement should be made for guidance and counseling to the students; (xviii) On campus medical facilities should be improved.

6. Summary of AIC Visit of B.Sc. (Hons) Biotechnology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Qayyum	Dr. Waqas Malik
Date of Visit	November 24, 2016	March 17-18, 2022
Rating	Y ₂ with 585 score (58.5%)	Y ₂ with 560 score (56%)
Remarks	No improvement	

Strengths: (i) Three faculty members holding position of Associate Professors and one cooperative Lecturer are rendering their best services for the dissemination of knowledge; (ii) All faculty member are Ph.D. from the well reputed universities of the world; (iii) SAU, Tandojam is only Agriculture University of the province and situated in a agriculturally rich region, so it has opportunity to hunt brilliant brains across the province and its graduate can have more job opportunities in public and private sectors.

Weaknesses: (i) Acute shortage of operational budget for purchase of daily used chemical and contingencies; (ii) Insufficient number of faculty members, may adversely affect the quality of education and research due to heavy work load; (iii) Lack of infrastructure i.e. classrooms, laboratories, common rooms, departmental library, computer room and teaching aids like multimedia and projectors; (iv) Many lab equipment are out of order and chemicals are not available in sufficient quantity to the students for hands on training or practical work; (v) Departmental library is missing. Number of books and latest editions of textbooks are still insufficient in central library; (vi) There is no capacity building program for department faculty; (vii) Limited and unskilled supporting staff is present especially for laboratories; (viii) Students are not satisfied with the working environment of the department due to limited resources.

AIC Recommendations: (i) AIC, after visiting the department of Biotechnology, SAU, Tandojam reach to the conclusion and showed serious concerns that department has not taken any step to act on the recommendations made by AIC in 2016. It is again requested to make the necessary administrative and academic arrangement to have quality education in this department; (ii) Department is suffering from acute shortage of faculty having only three Associate Professors instead of (1:1:2:2) as per HEC recommendations, there is dire need to have at least one Professor to lead the department in academics and research. So necessary measures should be taken to fulfill the deficiency of teaching staff; (iii) Although all faculty members are good enough, but it is observed that intra-departmental professional harmony/ relations are lacking among faculty members. In my opinion timely merit-based promotions and administrative intervention by the dean etc. can make the more conducive environment in the department of biotechnology; (iv) Although, there is no question on the honesty and professionalism of faculty but still need to have administrative measures to bring more transparency and timely declarations of results; (v) A well planned capacity building program is need of time for research and academics. It is requested to the concerned authority should arrange workshop, seminars, and trainings exclusively for the teachers. These training will be a source of motivation for the teacher to hunt research grants and to learn new skills related to their field of research; (vi) A reward-based system must be initiated for the faculty members and researchers to promote the research activities; (vii) Students of the department have shown their reservation regarding lack of practical work during degree program, here unavailability of at-least two undergraduate labs is strengthen their claims. It is again suggested

that two undergraduate labs must be developed at the departmental level for hands on training etc.; (viii) The facilities and equipment in the molecular lab should be increased to promote the quality results. Further, each faculty member should be motivated to hunt research grants for quality research and academics; (ix) A well planned internship program for at least one complete semester may be initiated to establish professional approach in passing out graduates; (x) A well planned necessary arrangement should be made by the Chairman/HoD for practical work during undergraduate and postgraduate degree. It is not understandable how students of biotech. can be professionally sound without hands-on training and practical work; (xi) This is era of modern Biotechnology and Govt. of Pakistan has facilitated to the educational institution for the development of Biotechnology related institute, it is very surprising the only agriculture university of Sindh province is lacking this state of art facility. It is suggested faculty and administration of the university should take necessary steps for provision of funds by HEC or other funding agency to establish a state of art Biotechnology Department in the SAU; (xii) Two exclusively dedicated classrooms equipped with modern teaching aids may please be arranged for the students of Biotechnology department; (xiii) University should provide ample budget or other necessary arrangement for the purchase of daily used chemicals, equipment and glassware; (xiv) A well-furnished departmental library having ample number of recommended books equipped with computers, printer and scanner should be established to facilitate the enrolled students; (xv) Although university is providing good hostel and other on campus facilities like medical center and café but there is still room to improve these all on campus services.

7. Summary of AIC Visit of B.Sc. (Hons) Crop Physiology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Khaliq	Prof. Dr. Nazim Hussain
Date of Visit	November 24, 2016	March 17-18, 2022
Rating	X ₃ with 687 score (68.7%)	X ₃ with 674 score (67.4%)
Remarks	No improvement	

Strengths: (i) Faculty in Department of Crop Physiology appointed on regular basis; (ii) All the courses offered in the department at undergraduate and post graduate programs are adopted from the scheme of studies as finalized by HEC constituted National Curriculum Committee in Crop Physiology; (iii) The faculty stability index is excellent and seeking job in University is a top priority; (iv) Buildings, covered area for lecture rooms as well as offices of faculty is abundant. Departmental has sufficient laboratory space for conducting research; (v) The internship is compulsory for each undergraduate student.

Weaknesses: (i) Lack of state-of-the-art controlled-environment facility for conducting physiological studies in field crops; (ii) Shortage of many of the essential laboratory equipment that is meant for agro-physiological studies and biochemical investigations in plant science; (iii) Quality of lab equipment is inadequate to meet the research needs of postgraduate and Ph. D students; (iv) Lab staff is only meagerly available. Annual budgetary allocation for maintenance and operation of labs is inadequate; (v) Funds for the purchase of books are insufficient. The department does not subscribe even a single foreign journal for its library; (vi) Not recognized by Sindh Public Service structure.

AIC Recommendations: (i) Laboratories need to be made functional by providing operational funds as well as equipping these with more recent apparatus; (ii) Induction of new faculty is badly needed; (iii) Sindh Public Service do not recognize Crop Physiology as major this matter should be discussed & resolved at higher level; (iv) Supporting staff need to be recruited on the basis of relevant qualification for handling the scientific equipment safely; (v) Budget allocation for development, research, library and labs may be specified and be increased to meet the demands properly; (vi) Funds should be allocated to attend international

conferences/seminars; (vii) The latest editions of the books should be purchased, international journals be subscribed and communication facilities be upgraded; (viii) 8th semester should be dedicated for internship (preferably paid) if some courses are being taught in 8th semester those may be shifted to 5th, 6th or 7th semester; (ix) State-of-the-art controlled-environment facility for conducting physiological studies in field crops should be constructed; (x) Department should be provided with funds for the purchase of books; (xi) Technically qualified lab staff should be hired in order to carry out lab activities smoothly.



5. University of Central Punjab, Lahore

1. Summary of AIC Visit of BS Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Pre-Accreditation/Zero Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Masood Sadiq Butt Dr. Imran Pasha	Prof. Dr. Anwaar Ahmad
Date of Visit	September 29, 2020	March 29, 2022
Rating	Not applicable	Y ₁ with 600 score (60%)

Strengths: (i) Department has qualified teaching staff in specialization such as dairy, nutrition, cereal, fruits and vegetables; (ii) The enthusiastic faculty is determined to develop leadership, managerial and entrepreneurship qualities among the students; (iii) The department has developed a food incubation center which is new of its kind, students can learn and practice skills related to entrepreneurship; (iv) The environment is conducive to learning in all aspects. Special focus on course management is given by the authorities.

Weaknesses: (i) The infrastructure lacks a proper processing hall the place allotted to the hall is also not suitable; (ii) The present space of the department needs to be extended according to the present needs; (iii) Research projects submission and industrial collaboration needs improvement; (iv) Faculty and students must be encouraged to attend and participate in seminars and conferences; (v) Well qualified labs technicians are needed; (vi) Latest equipment and up-gradation of labs are needed.

AIC Recommendations: (i) Special consideration should be given for the appointment of at least three senior faculty members in the Professor/Associate Professor cadre and also two regular Lecturers in the department should be appointed; (ii) Faculty development/training programs should be initiated for new faculty members; (iii) Well trained administrative/clerical staff be appointed for dealing with official matters and maintaining office records; (iv) Qualified and well-trained laboratory staff (Lab Technician and Lab Assistant) be appointed to operate and maintain the equipment and instruments; (v) Necessary arrangements should be made for guidance and counselling to the students; (vi) Proper processing hall with latest equipment must be established; (vii) The faculty must be motivated to hunt research grants from various national & international donor organizations; (viii) 8th semester must be reserved for internships(preferably paid) if some courses are taught those must be shifted to 5th, 6th or 7th semester; (ix) Industrial linkages must be strengthened; (x) Labs must be upgraded by equipping them with latest equipment; (xi) Focus on practical work and industrial tours needed to be enhanced in the department; (xii) Loose administrative control in the department has been observed after discussion with faculty and students which should be addressed properly by University administration for betterment of academia.



T. Ghazi University, Dera Ghazi Khan

1. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Abdul Qayyum	Prof. Dr. Abdul Qayyum
Date of Visit	May 25, 2016	May 12-13, 2022
Rating	Y ₂ with 585 score (58.5%)	X ₃ with 662 score (66.2%)
Remarks	Rating improved	

Strength: (i) Faculty consists of nine members mostly having excellent experience in teaching and research. Out of this one Professor and three Associate Professors have excellent experience. Two Assistant Professors and three Lecturers are also serving in the department. Most of faculty got their terminal degrees from

America, Australia and China. Course file is not properly maintained. All the faculty is determined for increasing teaching and research activities in the department.

Weaknesses: (i) Inadequate laboratory facilities with limited lab equipment; (ii) Internet facility is not available to the faculty and students; (iii) There is acute shortage of latest reference and text books in the library; (iv) Unmanaged research farm with limited farm machinery and implement; (v) Limited transportation facility available to the students; (vi) Inadequate faculty offices and class rooms without multimedia facilities; (vii) Limited hostel facilities available to the students; (viii) Inadequate and unqualified laboratory and field staff (ix) Irregular supply of electricity; (x) Non availability of glass house and green house facilities; (xi) Limited availability of transport for the students and staff.

AIC Recommendations: (i) Provision of class room facilities to the students according to given standard of HEC; (ii) The infrastructure at under graduate/post graduate laboratories needs improvements; (iii) Establishment of molecular lab equipped with latest equipments for the dissemination of latest practical knowledge to the students; (iv) Reasonable research funds should be allocated for post graduate research; (v) The reasonable research budget should be at the disposal of the chairman of the department; (vi) Qualified lab and field staff according to the requirement of the department; (vii) Computer facilities for students within the department should be provided for easily approaching online journals, books and research paper etc.; (viii) Provision of teaching aid resources like multimedia in appropriate numbers; (ix) Establishment of departmental library and provision of latest reference and text books in sufficient numbers; (x) The students support and co-curricular activities/facilities need further strengthening; (xi) Construction of modern glass house with latest operational facilities for conducting controlled environment experiments; (xii) Well managed and mechanized agriculture farm with permanent irrigational water resources.

2. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. Moazzam Jamil	Dr. Muhammad Arif Ali
Date of Visit	May 25, 2016	May 12-13, 2022
Rating	Y ₁ with 611 score (61.1%)	X ₃ with 669 score (66.9%)
Remarks	Rating improved	

Strengths: (i) Highly qualified faculty is available at department as 08 faculty members all Ph.D. in Soil Science. All faculty is highly motivated and energetic to perform under challenging conditions at new campus; (ii) The department has sufficient basic infrastructure with three class rooms, one equipped laboratory with basic instruments to conduct research and one teaching laboratory for academics; (iii) The department is further facilitated with an experimental farm of 02 acres, one faculty level and a main library with sufficient learning resources for undergraduate and post-graduate teaching and research activities; (iv) The faculty is active to write research grants and to publish their research. The work is being published in highly reputed journals.

Weaknesses: (i) Lack of advanced laboratory equipment, lecture theater and audio-visual aids particularly at new campus/airport campus; (ii) Acute shortage of trained laboratory staff and support staff for the department; (iii) The laboratories need improvement in safety arrangement and security system; (iv) Limited grant or extremely insufficient financial resources/recurring budget for operational expenses and grants for the improvement of efficiency of the faculty and supporting staff were also lacking; (v) Lack of sufficient budget allocation for repair and maintenance of old instruments as well as purchase library books and facilities; (vi) Non-availability of instruments and networking engineer; (vii) Limited and relatively small space for lecture rooms; (viii) Lack of trained faculty in soil classification/genesis and soil survey.

AIC Recommendations: (i) The curriculum should be updated regularly according to HEC guidelines. Further new courses should be included which are relevant to the area where DG Khan new campus is located; (ii) Ensuring the availability of periodicals and journals in the departmental library for faculty and students; (iii) Trained laboratory staff should be appointed on urgent basis. The capacity of existing supporting staff should be improved through short-term in-land and abroad trainings and courses; (iv) Financial assistance should be provided to the internship programs at B.Sc. (Hons) degree program; (v) More in number HEC recommended books as prescribed in revised curriculum should be made available to the library for the students of the degree programs; (vi) Safety arrangements and security plans in the laboratories and class-rooms should be made on urgent basis and emergency exits may be developed at specific sites; (vii) Keeping in view the large number of students more computers with printers and internet facilities are required to be provided; (viii) New and upgraded research laboratories at least at the level of research groups in the department should be established for better research outcome; (ix) Facilities like scholarships, day care center, transport and hostel should be enhanced; (x) 8th semester should be reserved for dedicated internships preferably paid; (xi) Adequate budget should be provided for operational expenses; (xii) Trained faculty in soil classification /genesis and soil survey must be hired; (xiii) Faculty must be encouraged to hunt grants from various national and international donor agencies; (xiv) Spacious classrooms should be constructed; (xv) Faculty should be encouraged to hunt research grants from different national & international donor agencies; (xvi) Fully furnished seminar hall with multimedia and IT facilities should be constructed in the department; (xvii) Linkages between faculty and local farmers should be strengthened; (xviii) Uninterrupted electric supply and good quality of water supply would avoid the possible damage done to the existing instruments and of course the student intake.



3. Summary of AIC Visit of B.Sc. (Hons) Entomology

Particular	Previous Visit	Accreditation Visit
Nature of Visit	Accreditation Visit	Prof. Dr. Sarfraz Ali Shad
Program Evaluators	Prof (Retd). Dr. Muhammad Aslam	Dr. Unsar Naeem Ullah
Date of Visit	May 25, 2016	May 12-13, 2022
Rating	Y ₂ with 570 score (57%)	Y ₃ with 501 score (50.1%)
Remarks	Rating declined	

Strengths: (i) Highly educated and experienced faculty members; (ii) Faculty members are degree holders from various universities so the links can be utilized for collaboration; (iii) Location of the university is in the district that has boundaries with all other provinces of the country.

Weaknesses: (i) Poor and insufficient infrastructure; (ii) Scarcity of drinking and irrigated water; (iii) Insufficient lab and field manpower and equipment; (iv) Transport and medical facilities;

AIC Recommendations: (i) Uninterrupted and ample irrigation and power facility must be provided in new campus; (ii) Training of teacher so that they learn how to teach effectively and dedicatedly; (iii) Appointment of competent assisting staff for labs, offices and field; (iv) Official hierarchy set up should be established. e.g., appointment of regular Dean; (v) Development of separate buildings (classrooms and teaching) along with all accessories required good quality teaching. e.g. multimedia, good sound system for student listening and all good quality relevant audio video aids for students. Surroundings of building should be well developed with ever green plants and grasses to make attractive environment for students and visitors; (vi) Establishment of independent library with qualified library staff and library paraphernalia. Purchase of new and latest edition of recommended textbooks; (vii) Chairman office must exercise to utilize recurring budget for benefit of department; (viii) Establishment of research field areas along with its necessary requirement of farm machinery latest tools and appointment of competent and dedicated field staff; (ix) Enhanced transport facility, provision of medical and financial support facilities to the students; (x) Provision of co-curricular activities by establishing of various student societies like sports, literature, scouting, music etc. to boost confidence, aesthetic sense, expressing art and tolerance in the students; (xi) Dedicated staff should be deputed to maintain data base regarding alumni; (xii) Strong internet facility with accessible relevant international journals; (xiii) Course file of each subject of all teachers should be maintained properly and must be checked by Chairperson; (xiv) Conduction of quiz, updated notes and practical notebook of each subject must implemented/adopted, so that students get benefit from these updated notes; (xv) Convening of board of study and faculty board so that department get benefit from experiences of senior BoS member of other Entomology department of any other university; (xvi) Laboratory equipment urgently purchased and provided to department, so that practical work of students start as quickly as possible; (xvii) QEC must communicate various section/segment of evaluation separately to each teacher of every course, so that he/she must improve in that particular time. e.g. if any teacher took 1st lecture of day late so he/she may improve in this regard. At time of visit report of QEC of each course shown to AIC member is very ambiguous; (xviii) Study tours and practical's should be enhanced; (xix) 8th semester should be reserved for dedicated internships preferably paid if some courses are being taught in 8th semester those courses must be shifted to 5th, 6th or 7th semester.

4. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Bismillah Khan	Prof. Dr. Shakeel Ahmad
Date of Visit	May 25, 2016	May 12-13, 2022
Rating	Y ₂ with 550 score (55%)	X ₃ with 650 score (65%)
Remarks	Rating improved	

Strengths: (i) The department is facilitated with an experimental farm of 05 acres and a main library with sufficient learning resources for undergraduate and post-graduate teaching and research activities; (ii) Highly qualified faculty as nine faculty members out of total ten full time faculty members are Ph.D. with professional vision and capacity to impart quality education; (iii) Being the part of a good ranked public sector university the stakeholders of the university are being benefitted with quality civic facilities available; (iv) The faculty is active to hunt externally funded research grants and to publish their research. So, a number of research projects have been completed and various projects are in hands from various donor agencies. The work is being published in highly reputed journals.

Weaknesses: (i) Lack of advanced laboratory equipment, lecture theater, and audio-visual aids; (ii) Acute shortage of trained laboratory staff for different laboratories of the department; (iii) The laboratories are deficient in safety arrangement and security system; (iv) Limited grant or extremely insufficient financial resources/recurring budget for operational expenses and grants for the improvement of efficiency of the faculty and supporting staff were also lacking.

AIC Recommendations: (i) Availability of periodicals and journals in the departmental library for faculty and students; (ii) Trained laboratory staff should be appointed on urgent basis. The capacity of existing supporting staff should be improved through short-term in-land and abroad trainings and courses; (iii) Promotion and incentives of all employs should be justifiable and on the basis of prescribed rules; (iv) Financial assistance should be provided to the internship programs at B.Sc. (Hons) degree program; (v) More in number HEC recommended books as prescribed in revised curriculum should be made available to the library for the students of the degree programs; (vi) Safety arrangements and security plans in the laboratories and class-rooms should be made on urgent basis and emergency exits may be developed at specific sites; (vii) Development of common room in the department for male and female students, with internet facility in free hours and for prayers; (viii) Adequate funds should be provided for the purchase of advance lab equipment, study tours and practical's; (ix) 8th semester should be reserved for internships preferably paid. Lack of advanced laboratory equipment, lecture theater, and audio-visual aids; (x) Safety arrangement and security system should be provided in labs; (xi) Adequate financial resources/recurring budget for operational expenses and grants for the improvement of efficiency of the faculty and supporting staff must be made available; (xii) Uninterrupted supply of electricity and quality of ground water must be improved in order to save possible damage done to the existing instruments and lab. equipment's; (xiii) Linkages between faculty and stakeholders must be improved; (xiv) A fully furnished seminar hall with multimedia and IT facilities should be made available at departmental level.



5. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Akbar Anjum	Dr. Shaghef Ejaz Dr. Sami Ullah
Date of Visit	May 25, 2016	May 12-13, 2022
Rating	Y ₃ with 535 score (53.5%)	Y ₂ with 583 score (58.3%)
Remarks	Rating improved	

Strengths:(i) The location of Ghazi University in South Punjab makes it possible to cover large population with minimum competition. It can grow faster; (ii) Qualified, competent, enthusiastic and highly motivated young faculty is actively involved in teaching, research and publication of research results; (iii) New Campus contains more space for offices, laboratories and practical and research field with ample space for future infrastructures; (iv) Out-reach activities have been started to deliver research findings to the local community; (v) Student intake on undergraduate level in the Department of Horticulture is encouraging that may result in more postgraduate students enrolling with the department.

Weaknesses: (i) Senior faculty member (Professor) in the department is required; (ii) Limited number of offices, classrooms and laboratories and non-availability of supporting staff; (iii) Improvement needed in existing faculty offices, lecture rooms and laboratory facilities with provision of departmental Library; (iv) Limited research facilities due to budget constraints as budget for equipment, instruments, chemicals, glassware etc. is not enough; (v) Non-existence of or underdeveloped greenhouses, growth chambers, cold store, tissue culture lab, nursery etc. for faculty research and students' practical work, especially for postgraduate students; (vi) Non-availability of trained support staff especially laboratory staff (Lab. Technician) and field staff (Field Assistant, Supervisor etc.) to operate and maintain the equipment and instruments and help in conducting field experiments; (vii) Number of books and latest editions of text books available in the library are not enough; (viii) Limited computing and internet facilities for the students; (ix) Shortage of viable research projects to develop and strengthen existing lab facilities; (x) Students are not satisfied with transport, hostel, sports and health facilities.

AIC Recommendations: (i) Special consideration should be given to the appointment of one senior faculty member at Professor level; (ii) At least one classroom for major class of semester V to VIII, and separate offices to the faculty members equipped with computing and internet facilities should be provided; (iii) Further, at least one more fully equipped and functional lab should be established; (iv) A mosque/worship place and girls room at new Campus should be constructed; (v) Faculty development/training program should be initiated for new faculty members; (vi) Organization of national/international seminars and conferences may be encouraged; (vii) Well trained administrative/clerical staff be appointed for dealing official matters and maintaining office record; (viii) Qualified and well-trained laboratory staff (Lab Technician and Lab Assistant) be appointed to operate and maintain the equipment and instruments; (ix) Lab facilities are insufficient, budget for purchase of equipment, instruments, chemicals, glassware and other expandable supplies should be increased; (x) There should be Experimental orchards of all important tropical and subtropical fruit plants of the region under the administrative control of the Department of Horticulture. Moreover, demonstration blocks for vegetables and annual flowers, a greenhouse/screen house and modern fruit and ornamental plants nursery should be established. Field staff including Field Assistants, gardeners and beldars should also be appointed on regular/contract/daily wages; (xi) More prescribed/ recommended text books (at least two sets) should be purchased, and some local and foreign research journals should be subscribed to improve the standard of the library and thus there is need to increase the library budget; (xii) Provision of ICT facilities to the students and access to HEC digital library to the faculty members and students must be ensured at new

Campus; (xiii) There is need to create more opportunities of scholarships and financial support to the students. The university may grant scholarships to top five students of B.Sc. (Hons) Agriculture on merit; (xiv) Sports activities seems diminished, so indoor/outdoor sports facilities should be established at the campus and extra-curricular activities of the students be promoted. Cultural events should be organized and students' societies like debating, literary, naat & qirat, quiz and fine arts societies may be functional for diverting students' energy towards constructive activities; (xv) Accommodation facilities should be established at the campus for both boys and girls; (xvi) University should establish or at least a medical unit or dispensary on urgent basis to provide on campus medical facility to the students and should also purchase at least one ambulance to deal emergency cases at new Campus

U. Abdul Wali Khan University, Mardan

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Shad Khan Khalil	Prof. Dr. Muhammad Akmal
Date of Visit	September 22, 2016	May 16, 2022
Rating	Y ₁ with 600 score (60%)	Y ₁ with 614 score (61.4%)
Remarks	No improvement	

Strengths: (i) Friendly environment of teaching for learning with better mutual understanding to each other; (ii) Faculty is young, productive and can collaborate in development to their excellence/potential; (iii) Has sufficient space with healthy environment plus multiple disciplines to think and collaborate with integrated approaches for future needs; (iv) Transport, hostel, building and funds facilities are available and can be utilize in limited time to contribute.

Weaknesses: (i) Limited experience of faculty is lacking with managerial thinking with a Professor to establish labs for practical classes; (ii) Limited IT facility, reference materials and access to HEC digital library keep students and staff unproductive focusing on the mission; (iii) Limited facilities of co-curricular activities (out-door and indoor) adversely affect healthy educational environment of faculty and students; (iv) Lack of students exposure to other universities/institutions and interaction with growers did not improve their



understanding to answer simple questions; (v) Poor composition of BoS members did not harvest available potential of faculty to design sound proposal for research and address crop challenges; (vi) Professionalism is lacking to develop in faculty at par with grades & promotion to handle the future challenge.

AIC Recommendations: (i) Induction of a qualified experienced Professor is required with visionary approach to exploit faculty strength and address future national challenges face by the crops; (ii) To improve lab facilities in the department student work is inevitable; (iii) Making plan to ensure availability of essential equipment in labs for practical's in graduate and post graduate degree programs offered in semester; (iv) Explore opportunity for IT facilities, access to HEC digital library, text books and reference materials in Agronomy for teaching and research; (v) Strengthening indoor/outdoor sports facilities for students; (vi) Accessibility with improvement of the university governing documents for staff, hand book for student, and essential farm machinery at farm to run activities by students for research; (vii) Industrial linkages should be enhanced; (viii) 8th semester should be dedicated for internships preferably paid, if some courses are being taught in 8th semester they should be shifted to 5th, 6th and 7th semester.

2. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Noor-ul-Amin	Prof. Dr. Muhammad Sajid
Date of Visit	September 22, 2016	May 16, 2022
Rating	Y ₂ with 590 score (59%)	Y ₂ with 592 score (59.2%)
Remarks	No improvement	

Strengths: (i) The faculty of the department is highly qualified (all are Ph.Ds.), competent, and actively involved in teaching, research and publication of research results; (ii) The faculty designed the farmers and market demanded research for students to meet the present and future challenges; (iii) Provide very conducive and peaceful environment for learning and research; (iv) Actively involved the students in various out-reach activities.

Weaknesses: (i) No Professor and Lecturer faculty member is available at the Department; (ii) No seminar room, committee room and audio video conference room; (iii) Limited research facilities due to lab equipments and chemicals; (iv) Insufficient and inadequate facilities like greenhouse, postharvest facilities and cold storage etc. for faculty research and students' practical work; (v) Non-availability of skilled field labour and well trained supporting staff especially Lab Technician to assist the undergraduate and postgraduate students in their research; (vi) No provision of common room/prayer room for female students; (vii) Faculty offices and lecture rooms are not spacious; (viii) Students are not satisfied with study tours.

AIC Recommendations: (i) Special consideration should be given for the appointment of at least one Professor one Associate Professor, one Assistant Professor and three Lecturers with one female teacher in the Department; (ii) Faculty development/training program should be initiated for new faculty members; (iii) Curriculum followed especially for undergraduate degree program needs to be revised as per HEC guidelines; (iv) Lab. facilities are insufficient, budget for purchase of equipment, instruments, chemicals, glassware and other expandable supplies should be allocated; (v) The available books should be upgraded and some local and foreign research journals should be subscribed to improve the standard for research; (vi) There is need to create more opportunities of scholarships and financial support to the students; (vii) The Sports and extra-curricular activities for the male and female students should be promoted; (viii) The hostels should be improved and equipped with internet facilities; (ix) Necessary arrangement should be made for guidance and counseling of the student; (x) Improve and enhanced the linkage programs.

3. Summary of AIC Visit of B.Sc. (Hons) Food Science and Technology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Alam Zeb	Prof. Dr. Muhammad Ayub
Date of Visit	September 22, 2016	May 16, 2022
Rating	Y ₃ with 510 score (51%)	Y ₃ with 533 score (53.3%)
Remarks	No improvement	

Strengths: (i) Only one mixed university having Agriculture in the region centrally located in the area; (ii) Faculty is mixed qualified, competent, enthusiastic and highly motivated, actively involved in teaching, research and publication of research results; (iii) Peaceful and conducive environment for learning; (iv) Availability of purposely built building for catering the current and future academic needs.

Weaknesses: (i) Inexperienced faculty with no relevant experience of supervising research students at post graduate level; (ii) No female faculty member in the department; (iii) Imbalanced specialization of faculty as out of four faculty members two are pure Food Technologist and two are with specialization in Microbiology and Biochemistry; (iv) Curriculum followed especially for undergraduate degree program at first and second year is not as per HEC guidelines; (v) Limited research facilities due to budget constraints, budget for equipment, instruments, chemicals and glassware etc. is not available; (vi) Inadequate facilities i.e. processing hall, post-harvest lab or cold store etc. for faculty research and students practical work; (vii) Non-availability of trained support staff especially laboratory staff (Lab Technician) to operate and maintain the equipment and instruments; (viii) Faculty offices and lecture rooms are not spacious and there is no provision of common room/prayer room for female and male students; (ix) No local or foreign journals have been subscribed in the library to cater the need of postgraduate students; (x) No separate Dean (for all agriculture departments.) or limited senior faculty (Professor or Associate Professor) in the department.

AIC Recommendations: (i) Special consideration should be given for the appointment of at least on Professor one Associate Professor, two Assistant Professor and two Lecturer with one female teacher in the department; (ii) Faculty development/training program should be initiated for new faculty members; (iii) Curriculum followed especially for undergraduate degree program needs to be revised as per HEC guidelines; (iv) Qualified and well-trained laboratory staff (Lab Technician and Lab Assistant) be appointed to operate and maintain the equipment and instruments; (v) Lab. facilities are insufficient, budget for purchase of equipment, instruments, chemicals, glassware and other expandable supplies should be allocated; (vi) Lack of processing hall basic need for research and students practical work; (vii) More prescribed/recommended text books and reference books should be purchased and some local and foreign research journals should be subscribed to improve the standard for research; (viii) There is need to create more opportunities of scholarships and financial support to the students. The university may grant scholarships to top five students of B.Sc. (Hons) Agriculture on merit; (ix) Sports activities seems less so sports facilities should be established at the campus and extra-curricular activities of the students be promoted; (x) Accommodation facilities should be increased at the campus for both boys and girls for local students; (xi) Necessary arrangement should be made for guidance and counseling of the students; (xii) Weak linkages with other institutions and food industries; (xiii) Shortage of viable research projects to develop and strengthen existing lab facilities of the department; (xiv) High student teacher ratio should be addressed to improve the quality of education; (xv) 8th semester should be reserved for internship (preferably paid) if some courses are being taught in 8th semester should be shifted to 5th, 6th and 7th semester.

4. Summary of AIC Visit of B.Sc. (Hons) Entomology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Muhammad Naeem	Prof. (Retd). Dr. Farman Ullah
Date of Visit	April 03, 2018	May 16, 2022
Rating	Y ₂ with 581 score (58.1%)	X ₃ with 675 score (67.5%)
Remarks	Rating improved	

Strengths: (i) Abdul Wali Khan University is located in the very important place of Mardan and impart quality educations to the graduates enrolled; (ii) The department of Entomology is an important component to agriculture program; (iii) The number of faculty and their qualification is a strong point; (iv) Number of the research projects and research publication with impact factor is a strong point.

Weaknesses: (i) They offer B.Sc. (Hons), M.Sc. (Hons) and Ph.D. programs with just 6 faculty members. The space for labs, offices, common room, auditorium, conference hall and farm land for research is limited and is hampering their struggle for better output.

AIC Recommendations: (i) Relevant faculty should be hired to fulfill the pyramid of HEC (1:1:2:2); (ii) Space for labs, offices, common rooms and sports shall be provided on priority basis; (iii) Farm land for the filed experiment may be arranged for the department of Entomology; (iv) Day care center, medical facility and shuttle service to the farm may be arranged; (v) Fresh edition of the books may be provided in the library; (vi) B.Sc./M.Sc./Ph.D. students desk may be provided; (vii) Faculty should be encouraged to hunt research grants from various national & international donor organizations; (viii) Study tours should be regular part of degree program in order to give insight of practical knowledge to the graduates; (ix) 8th semester should be reserved for internship (preferably paid) if any courses are being taught they may be shifter to 5th, 6th or 7th semester; (x) Industrial linkages must be developed & strengthened.



V. University of Sargodha

1. Summary of AIC Visit of B.Sc. (Hons) Plant Pathology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Shahbaz Talib Sahi	Prof. Dr. M. Saleem Haider Prof. Dr. M. Naveed Aslam
Date of Visit	December 13-14, 2016	May 23-24, 2022
Rating	X ₃ with 653 score (65.3%)	X ₃ with 688 score (68.8%)
Remarks	No improvement	

Strengths: (i) Qualified, competent, enthusiastic and highly motivated young faculty actively involved in teaching, research and publication of research results; (ii) There is ample access to revised reference books, journals and free access to internet for all students; (iii) Students are financially facilitated in the form of scholarships and interest free loans; (iv) Up to date teaching material prepared by the department is available; (v) The department has a green house and research farm area for field studies; (vi) Practical training facility is available for students; (vii) Peaceful and conducive environment for learning; (viii) Department has strong collaboration with research institutes of Sargodha e.g., Citrus Research Institute, Adaptive Research Institute and Fodder Research Institute; (ix) Good transport, hostel, sports and health facilities.

Weaknesses: (i) No senior faculty member (Professor) in the department; (ii) Lack of trained lab staff; (iii) Limited research facilities due to budget constraints as budget for equipment, instruments, chemicals and glassware etc. is not enough; (iv) Lecture rooms and laboratory facilities are insufficient with no provision of departmental library; (v) Number of books and latest editions of textbooks available in the library are not enough; (vi) More academia government research institute linkages are required.

AIC Recommendations: (i) Special consideration should be given to the appointment as a senior faculty member (Professor) to lead the department; (ii) Well-trained supporting staff especially laboratory staff (Lab Technician and Lab Assistant) should be appointed to operate and maintain the equipment and instruments; (iii) Lab facilities are insufficient and more equipment should be added in the labs; (iv) The current budget is very low to meet the needs of the department. Budget for equipment, instruments, chemicals, glassware and books should be increased; (v) Well trained administrative/clerical staff be appointed for dealing official matters and maintaining office record; (vi) Prescribed/recommended text and reference books (at least two sets) and research journals should be purchased to improve the standard of the library. However, it is strongly recommended that a separate departmental library should be established; (vii) A hostel facility should be arranged for female faculty which is direly needed; (viii) Safety arrangements and security plans are not in place. The laboratories may also be equipped with fire extinguishers and first aid kits/facilities; (ix) Faculty should be motivated to write and win viable research projects; (x) Necessary arrangement should be made for guidance and counseling of the students; (xi) Participation of faculty members in conference seminars and workshops may be encouraged to improve exposure and interaction with peer groups worldwide; (xii) Medical facility is in sufficient in the college which must be upgraded; (xiii) A day care center must be established in the college premises to facilitate the faculty having small kids.

2. Summary of AIC Visit of B.Sc. (Hons) Horticulture

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Ishfaq Ahmed Hafiz	Dr. Basharat Ali Saleem Dr. Raheel Anwar
Date of Visit	December 13-14, 2016	May 23-24, 2022
Rating	X ₃ with 650 score (65%)	X ₃ with 674 score (67.4%)
Remarks	No improvement	

Strengths: (i) Qualified faculty and good infrastructure; (ii) Updated curriculum according to the needs; (iii) Provision of education to students of less privileged areas; (iv) Department is located in Kinnow fruit production and processing hub (Sargodha District); (v) Campus located near Agricultural Organizations (CRI, FRI, IATI, Adaptive Research, Agricultural Engineering and TEVTA); (vi) Well adapted online teaching and evaluation system; (vii) Prescribed rules, procedures and standards are being properly followed for student's admission and courses evaluation.

Weaknesses: (i) Lack of timely promotion opportunities for faculty members and lack of senior faculty (post advertised); (ii) Insufficient equipments in labs, consumables and qualified trained staff; (iii) Lack of hands-on training/demonstration to students during practical sessions; (iv) Lack of R&D collaborative projects; (v) Limited pool budget for research and operational expenses; (vi) No independent budget issued to department/HoD.

AIC Recommendations: (i) Though, few positions have been advertised but there is an immediate need of one Professor and at least two Associate Professors in the department; (ii) The department needs allocation of separate budget for strengthening education and research facilities especially books, chemicals, glassware, repair and maintenance of equipment/ machinery and screenhouse/greenhouse etc.; (iii) Experienced and skilled support staff need to be inducted; (iv) Need to explore and provide more opportunities of scholarships



and financial aid to student; (v) Faculty members must submit research projects to sustain local research and development and to share department needs; (vi) Internship program (preferably paid) should be introduced in 8th semester of B.Sc. (Hons.). If some courses are being taught in 8th semester those may be shifted to 5th, 6th or 7th semester. More frequent study tours/field visits should be arranged as a part of students practical work; (vii) Sports activities seem insufficient so these facilities may be enhanced; (viii) Faculty members should arrange counseling sessions to guide students in academic as well as social matters; (ix) Curriculum should be updated regularly to incorporate topics on current issues and future needs so that students can be prepared for future challenges. It should be problem-oriented and market-driven to serve the society and the industry; (x) Long/short-term capacity building programs for both teaching and non-teaching staff particularly lab staff should be introduced; (xi) Organization of training programs, seminars, conferences and workshops in the department may also help in capacity building. The mandatory participation of faculty members and students in such events arranged by university or other institutions may help improve faculty/student exposure and interaction with experts in the field; (xii) Collaboration with local industry needs to be strengthened; (xiii) Opportunities for joint research projects and seminars in collaboration with universities and research institutes may be explored; (xiv) More classrooms and research labs with adequate equipment and chemicals with enough space for students are required; (xv) Proper maintenance of infrastructures and safety arrangements in research labs may also be ensured; (xvi) Provision of separate budget for department of Horticulture for local needs; (xvii) The students may also be provided with necessary support and guidance for career planning and development; (xviii) Significant increase in budget may be ensured to meet the genuine needs for quality research and teaching; (xix) Various funding agencies at national/international level may be approached for necessary grants for research project and technical support; (xx) A suitable land with sufficient fit water is also needed for conducting research on horticultural crops.

3. Summary of AIC Visit of B.Sc. (Hons) Plant Breeding and Genetics

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Dr. M. Shahid Masood	Prof. Dr. Zulfiqar Ali Dr. Waqas Malik
Date of Visit	December 13-14, 2016	May 23-24, 2022
Rating	X ₃ with 680 score (68%)	X ₃ with 650 score (65%)
Remarks	No improvement	

Strengths: (i) Seven faculty members including five Assistant Professors and two Lecturers are rendering their best services for the dissemination of knowledge; (ii) Six faculty member holds Ph.D. from well-reputed national and international institutes; (iii) Very well-established 45 Kanal experimental farm with supporting staff and field driven equipment is providing the equal opportunities to each and every student of the department; (iv) Well established and appreciable breeding program for sunflower and wheat are providing opportunity for professional development of the students; (v) Location of the Agriculture Faculty of University of Sargodha is of prime importance as this city occupy a very special place in citrus growing regions of the world in this regard the graduate can have more opportunities for entrepreneurship and to excel in citrus breeding.

Weaknesses: (i) Shortage of annual budget for research and maintenance of laboratories; (ii) Very less dedicated space for academic activities of the department as department has only two dedicated classrooms not equipped with modern gadgets; (iii) Lack of modern containment facility for off season breeding program of different crops; (iv) Lack of well-established departmental library equipped with modern digital gadgets and new HEC recommended books; (v) Un-availability of technically trained lab staff for student support in daily experimentation; (vi) Un-availability of undergraduate labs for hands-on-training of enrolled students.

AIC Recommendations: (i) Paid or partially paid internship program of eighth semester duration may please be initiated at undergraduate level; (ii) Necessary arrangement may please be made for the professional development of students by emphasizing the conduct of practicals and hands-on-training during the degree program; (iii) Two undergraduate labs should be established on the priority basis for the hands-on-training of enrolled students. It is also recommended that at-least two classrooms equipped with modern digital aids should be established exclusively for department; (iv) The containment facility exclusively for the department should be constructed on priority basis to conduct the off season breeding/research programs; (v) It is highly recommended that the administrative arrangement may please be made for the long awaited promotions of faculty members to address the sense of deprivation; (vi) Capacity building programs for teaching staff must be initiated to equip the faculty with modern teaching gadgets; (vii) The workload of each faculty member should be rationalized as per HEC policy; (viii) Separate ample amount of funds for each department may please allocated for graduate and postgraduate studies; (ix) A mechanism should be devise for the de-centralization of powers for routine financial expenses and division of supporting/field staff for timely management practices; (x) More research funding exclusively for the department should be hunted by the faculty from national and international funding agencies. Further, chairman of the department should be more pushing and authoritative to direct their faculty regarding submission and hunting of more research grants from national and international funding agencies. In this regards administration also direct the ORIC to start seminar and training of faculty for motivation towards grant hunting and project writing; (xi) Facility of E-library and computer lab at departmental level should be provided to the students of the department for easily approaching online journals, books and research paper etc. New books related to offer courses must be included in the library stock; (xii) Placement Bureau and career development center should be established for the students to provide job opportunities after completion of their degrees; (xiii) A reward based system must be initiated for the faculty members and researchers to promote the research activities.



W. The University of Haripur

1. Summary of AIC Visit of B.Sc. (Hons) Forestry and Wildlife Management

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Sarwat Naz Mirza	Prof. Dr. Zahid Din Muhammad
Date of Visit	March 16, 2017	June 13, 2022
Rating	X ₂ with 700 score (70%)	X ₂ with 710 score (71%)
Remarks	No improvement	

Strengths: (i) Qualified, competent, experienced and research oriented faculty; (ii) Conducive environment within the department for teaching and learning; (iii) Tangible improvement as compared to past performance reflected in previous accreditation especially recruitment of regular faculty; (iv) Well-defined admission, course registration and withdrawal policy; (v) Availability of adequate shared services in university like medical, transport, sports activities and scholarships etc.; (vi) Separate degree programs for Wildlife and Forestry disciplines; (vii) Taking lead in wildlife management programs; (viii) Peasantry facility for Wildlife Management, Teaching & Research as well as a source of revenue; (ix) Museum of stuffed animals for Wildlife Management students; (x) Curriculum at par with uniform national standards; (xi) Well disciplined and uniform dress code for the students; (xii) Reasonable coordination with provincial Forest & Wildlife departments /industries/NGOs.

Weaknesses: (i) High work-load on the faculty and supporting staff; (ii) No maintenance of proper course files of all subjects by some faculty members; (iii) Need to improve the mechanism of inducting and monitoring of visiting faculty; (iv) Lack of boarding facilities for the students and staff; (v) Lack of faculty specialized in Forestry & Range Management; (vi) Lacks various field instruments; (vii) Need more laboratories; (viii) Lacks common room for female students in the department; (ix) Need independent vehicle in the department for field work and study tours.

AIC Recommendations: (i) Induction of more number of regular faculty one Associate Professor. There is need to induct more faculty specialized in Forestry & Range Management. Whereas Faculty specialized in Wildlife Management is fair enough; (ii) Trainings for newly inducted faculty should be arranged and all faculty members should make it part of their resumes; (iii) Justified workload for each faculty member for all running programs may be prepared for all semesters. And if required relevant visiting faculty may be hired to bridge the gap; (iv) Every teacher must maintain course files of each course separately as per given instructions; (v) Green house and permanent plants nursery must be constructed and extended; (vi) Induction of trained and skilled laboratory and field supporting staff or training & refresher courses from time to time for existing staff may be ensured; (vii) Well-equipped post graduate research lab is needed; (viii) Ensured availability of uninterrupted power supply and high speed internet facility; (ix) Strengthening of research facilities and study tours for students needed to be increased and ensured; (x) Lab. facilities need to be upgraded by purchasing more necessary equipment to cater the need of all students; (xi) Health and Safety measures must be introduced and adopted for labs. & field work and necessary documentation, forms and files should be maintained; (xii) Faculty training programs should be a regular part of academic calendar especially during summer vacations; (xiii) Industrial linkages must be strengthened; (xiv) Involvement and role of QEC & ORIC may be strengthened. Inputs from the respective representatives should be part of next visit of NAEAC; (xv) Final year or 8th semester students should be engaged in their internship programs (paid if possible) in different public and private sectors for their exposure to research and better job opportunities; (xvi) Curriculum must be updated on regular basis focused on entrepreneurship in the relevant field to enable students well equipped with desired skills and trainings; (xvii) Faculty must struggle to win more research project to meet budgetary deficiencies and for the

benefits of research students, general public and industry; xviii) Maximum involvement of industry may be ensured through seminars and workshops; (xix) Involvement of general public may be ensured through short duration courses and trainings at least once in a year.



X. The University of Poonch, Rawalakot

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. M. Bismillah Khan	Prof (Retd). Dr. Riaz Ahmad
Date of Visit	July 22-23, 2019	June 20-21, 2022
Rating	X ₃ with 650 score (65%)	X ₃ with 650 score (65%)
Remarks	No improvement	

Strengths: (i) Qualified and experienced faculty; (ii) Good infrastructure with some improvement may support to the degree program; (iii) A good criterion for distribution of M.Phil. scholars among research supervisors; (iv) The curriculum is followed in accord with HEC recommendations and the revisions are made every four years.

Weaknesses: (i) There is no Professor and Associate Professor in the department; (ii) Presently the laboratory and classroom facilities require improvement; (iii) Only 10 computers are in computer lab and those are very of old mode; (iv) There is absolutely no mega research project won by any faculty member; (v) In sufficient text/reference books; (vi) There is not a single qualified field assistant for running research projects.

AIC Recommendations: (i) The faculty members may be encouraged to write/win projects from donor agencies; (ii) Senior faculty at the level of Professor and Associate Professor may be appointed on priority basis; (iii) Provision of daycare facility at the campus; (iv) Supporting staff with relevant qualifications and experience may be appointed; (v) Dedicate efforts to establish an industrial relationship of the university with other

institutions to open opportunities for graduating students and alumni; (vi) Hi-Tech labs and advanced model research farm may be established to enable faculty and students to carry out their research efficiently; (vii) A significant amount and wide range of text and reference books and PC's with internet facility may be provided; (viii) Specific funds may be allocated for the faculty members to encourage them to participate in professional seminars, conferences and other avenues; (ix) A workshop/training course may be arranged for the existing and new faculty members to enable them to win international projects and scholarships; (x) Administration and academic staff should take necessary steps to enhance student intake by removing hindering factors.

2. Summary of AIC Visit of B.Sc. (Hons) Plant Pathology

Particular	Previous Visit	Current Visit
Nature of Visit	Accreditation Visit	Accreditation Visit
Program Evaluators	Prof. Dr. Tariq Mukhtar	Prof. Dr. Shahbaz Talib Sahi Dr. Raheel Anwar
Date of Visit	July 22-23, 2019	May 23-24, 2022
Rating	Y ₂ with 572 score (57.2%)	X ₃ with 674 score (67.4%)
Remarks	Rating improved	

Strengths: (i) The teaching faculty is adequately qualified and experienced with capacity to impart quality education; (ii) Adequate infrastructure and facilities are available to cater the needs of currently enrolled students; (iii) The rules, procedures and standards are being properly followed for admission and assessment of students and teachers with proper feedback from stakeholders; (iv) The university has a strong internship program.

Weaknesses: (i) Low student intake due to changing demographics, harsh winter conditions and increased competition; (ii) Lack of power supply in case of electricity supply failure which is quite common; (iii) Lack of a senior faculty members; (iv) Inadequate resources for research and development; (v) Lack of professional laboratory staff; (vi) Non availability of departmental library and computer lab for students; (vii) The faculty library is deficient of some of recent text/reference books; (viii) The students hostels are lacking for males. The standard of food not up-to the mark.



AIC Recommendations: (i) Induction or promotion of existing faculty to higher positions to normalize the faculty composition; (ii) Development of a system for adequate training of newly inducted faculty and support staff; (iii) Improvement of infrastructure in the form of more laboratories, lecture rooms, computer facilities, offices and female common room keeping in view the future needs; (iv) Provision of alternate power supply in case of failure of electricity supply; (v) Provision of more books, journals and AV aids in the library; (vi) Repair of out of order equipment to make it useful; (vii) Availability of safety manuals and equipment. Training of campus community to use these equipment; (viii) Arrangement for participation of faculty members and students in conferences, workshops and seminars at national and international level; (ix) Establishment of Plant Disease Diagnostic facilities to cater the needs of the farmers community of the province; (x) Establishment of an effective outreach program to disseminate the knowledge generated through postgraduate students and faculty research; (xi) Strengthening the Alumni association; (xii) Enhancement of research budget to improve the quality of faculty and students research.

II. Pre-Accreditation/Zero Visits

Pre-accreditation/zero visit is basically conducted like pilot testing to check the level of planning of an institution during launching a full degree program. Pre-accreditation/zero visit does not qualify the institution for any interim or conditional accreditation to that specific degree program, it is only an assessment made well before formally assessing/accrediting the full degree program.

During FY 2021-22, NAEAC performed pre-accreditation/zero visits of 16 degree programs in six HEI's of Punjab, Khyber Pakhtunkhwa and Gilgit Baltistan. A summary of external assessments and recommendations is given below:

A. Karakoram International University, Gilgit

1. Summary of AIC Visit of BS Forestry

Particular	
Program Evaluator	Prof. Dr. Masood Sadiq Butt
Date of Visit	September 23, 2021

AIC Assessment: (i) Presently, the department is lacking in the permanent faculty members and structural hierarchy which must be addressed considering the future enrollment; (ii) Board of Studies (BoS) and Faculty Board need to be more functional in terms of consecutive meetings and involvement of members from industry; (iii) Course files, review reports and QEC reports demand diligence of the management; (iv) There are no dedicated classrooms for HND students as the mentioned classrooms are being shared with other disciplines; (v) One of the shortfalls is the unavailability of Processing Hall and labs for the development of nutritious formula foods/supplements; (vi) There are no dedicated research labs for HND; (vii) Lack of trained technical staff, equipment/ repairing/spare parts, glassware, chemicals etc. in the region; (viii) Absence of hostel facility for the male students.

AIC Recommendations: (i) The nomenclature need to be reconsidered as "Department of Agriculture" is misleading. Faculty of Agriculture may be established supported by various departments; (ii) There is a dire need to develop structural hierarchy of the faculty by hiring new staff keeping in view the future demand, new faculty members in various cadres should be recruited; (iii) Teachers must be encouraged to compete and secure research grants from International & national donors to develop research culture in the teaching community at the university; (iv) Board of Studies (BoS)/Faculty Board may be more functional with consecutive meetings for swift academic decisions. Participation of the allied stakeholders must be encouraged; (v) There should be a provision of dedicated classrooms for the students of HND; (vi) Course files and review reports ought to be maintained properly for record keeping; (vii) Current laboratory facilities should be upgraded with sophisticated instruments. Moreover, specified labs (Nutrition Assessment lab. and Nutrition Research Lab) for the students of HND must be established; (viii) Training/internship programs must be strengthened by developing collaboration with allied stakeholders like hospitals and developmental partners etc.; (ix) Besides the addition of new books in the main library, it is also suggested to ensure that the departmental library is well stocked with latest books, national and international research journals and periodicals with full access to students; (x) There should be a healthy eatery for the students as well as staff. Likewise, a well-established medical facility in the KIU premises be established; (xi) 8th semester should be dedicated for internship program preferably paid, the courses being taught during 8th semester may be shifted to earlier semesters; (xii) Industrial linkages must be established & strengthened; (xiii) Processing hall must be established for hands-on-training of students; (xiv) Separate common room for female students may be arranged; (xv) Hostel facility must be provided to male students; (xvi) Multi-media equipped conference room

may be established to conduct webinars etc; (xvii) MBBS and nutritionists may be hired as faculty members to teach human physiology, anatomy and nutritional courses.

B. UAF Sub Campus Toba Tek Singh

1. Summary of AIC Visit of BS Animal Sciences

Particular	
Program Evaluators	Prof. Dr. Masood Rabbani Dr. Abdul Ghaffar
Date of Visit	November 24, 2021

AIC Assessment: (i) Lack of dedicated lecture rooms; (ii) Not up to the mark teaching labs facilities; (iii) Students' intake is very poor.

AIC Recommendations: (i) There should be separate departments of Animal Sciences with different sections like Animal Breeding, Livestock Management, Animal Nutrition, Physiology, Pathology and Medicine etc; (ii) Faculty may be encouraged to win research grants from various national & international donors; (iii) A model livestock/dairy farm must be established to train the students for taking care of best production and disease prevention and care; (iv) There should be dedicated budget allocation for department of Animal Sciences to run its academic/administrative affairs as per requirements of BS Animal Sciences degree program; (v) Separate specialized labs be established for Animal Sciences degree program; (vi) Internet facility at the campus must be provided to the students; (vii) The academic collaboration with other academic/research institutes needs to be improved by mutual academic and research activities of common interest in the area of Animal Production; (viii) Latest reference books as suggested in scheme of studies of BS be purchased and placed in the campus library; (ix) Industrial linkages must be strengthened; (x) Adequate hostel & sports facilities must be provided to the students; (xi) Department should establish a separate common room for female students; (xii) Regular field/industrial visits for the students must be conducted; (xiii) 8th semester should be dedicated for internship preferably paid, if some courses are being taught in 8th semester those may be shifted to 5th, 6th and 7th semester; (xiv) Role of QEC and ORIC must be strengthened.



2. Summary of AIC Visit of B.Sc. (Hons) Human Nutrition and Dietetics

Particular	
Program Evaluator	Dr. Saeed Akhtar
Date of Visit	November 24, 2021

AIC Assessment: (i) The program badly lacks senior faculty as Professor, Associate Professor and Assistant Professor; (ii) Lab facilities exclusively meant for the program are inadequate to meet the basic requirements of the degree program; (iii) Physical infrastructure needs to ensure success of the program are not being met; (iv) Shortage of technical and supporting staff (skilled and unskilled); (v) Students accommodation facilities are insufficient, no resources for sports are available, transport facilities are not enough; (vi) No relevant books are available with no concept of digital library in place; (vii) Field trips/visits for students are not frequently organized.

AIC Recommendations: (i) Regular relevant and senior faculty has to be appointed on emergent grounds to ensure program success; (ii) Exclusive labs for basic practical work are to be established; (iii) Independent dedicated classrooms for all sessions are to be made available; (iv) Faculty development program has to be introduced. No Ph.D. faculty is available at this level; (v) Study tours/field visits for students need to be organized; (vi) Poor level of satisfaction by HND students is a challenge for administration to address optimally; (vii) Faculty members be encouraged to plan, write and submit problem-oriented research projects for further strengthening the teaching and research facilities; (viii) Arrangement for collaborations of the campus with a local hospital for training and internship of the HND students be ensured; (ix) Industrial linkages must be strengthened; (x) Adequate hostel, sports and medical facilities must be provided to the students; (xi) HEC recommended books must be purchased; (xii) A state of the art exclusive lab to carry out practicals & research work relevant to HND has to be established on emergent grounds to proceed further into the subject program; (xiii) A substantial amount of fund has to be allocated as dedicated budget for this program; (xiv) Supporting staff (Lab Technician and Lab Assistant) may be hired; (xv) Internet facility at the campus must be provided to the students; (xvi) Department should establish a separate common room for female students; (xvii) Course files must be maintained by relevant teacher as per QEC requirement; (xviii) Appropriate practical training of the graduating students must be ensured to sustain the program; (xix) Professional subjects should only be taught by professionally qualified teachers without any compromise.

3. Summary of AIC Visit of BS Poultry Science

Particular	
Program Evaluator	Prof. Dr. M. Irfan Anwar
Date of Visit	November 24, 2021

AIC Assessment: (i) Lack of sufficient lecture rooms; (ii) Not up to the mark teaching labs facilities.

AIC Recommendations: (i) There should be separate Departments of Poultry Science with different sections like Poultry breeding, Poultry Management, Poultry Physiology, Poultry Pathology, Poultry Medicine etc.; (ii) There should be dedicated budget allocation for department of Poultry Science to run its academic/administrative affairs as per requirements of B.Sc. (Hons) Poultry Science Degree Program; (iii) There is no dedicated specialized labs. The same labs are being used for different degree programs is strongly recommended that separate specialized labs be established for Poultry Science degree program; (iv) Internet facility at the campus must be provided to the students; (v) It is strongly suggested that a basic medical facility be established at campus for said purpose; (vi) The academic collaboration with other academic/research

institutes needs to be improved by mutual academic and research activities of common interest in the area of Poultry Science; (vii) Latest reference books as suggested in Scheme of studies of B.Sc. (Hons) Poultry Science be purchased and placed in the campus library; (viii) Poultry farm examined at UAF campus is non-functional. It is recommended that all the uninstalled and packed equipment be installed and poultry farm be made functional at earliest; (ix) Industrial linkages must be strengthened; (x) Adequate hostel & sports facilities must be provided to the students; (xi) Faculty training program for newly inducted faculty must be held regularly; (xii) Faculty may be encouraged to hunt for research grants from various national & international donors; (xiii) Department should establish a separate common room for female students; (xiv) Regular field / industrial visits for the students must be conducted.



C. The University of Agriculture, Dera Ismail Khan

1. Summary of AIC Visit of B.Sc. (Hons) Agronomy

Particular	
Program Evaluator	Prof. Dr. Nazim Hussain
Date of Visit	February 16, 2022

AIC Assessment: (i) Deficiency of regular faculty members; (ii) There is a shortage of technical laboratory staff; (iii) There is no equipment repair and maintenance engineer; (iv) There is no operational/departmental budget for research activities; (v) There are limited transport facilities for outreach activities.

AIC Recommendations: (i) Senior faculty should be inducted on BPS/TTS as per HEC criteria to run the departmental activities smoothly; (ii) Addition of new and latest edition of recommended text books in departmental as well as main library; (iii) Data base should be developed for student's alumni activities; (iv) Independent recurring budget must be allocated to make the department functional; (v) Appointment of

qualified laboratory staff (Lab Superintendent, Lab Technician and Lab Assistant) along with field staff; (vi) Provision of transport, sports and medical related facilities to the students; (vii) QEC must be strengthened; (viii) Every teacher must maintain his course files; (ix) Faculty should be encouraged to hunt research grants from national & international donor agencies; (x) Necessary lab equipment must be purchased; (xi) Industrial linkages should be strengthened; (xii) 8th Semester should be dedicated for internship (preferably paid) if some courses are being taught in final semester those courses may be shifted to 5th, 6th or 7th semester.

2. Summary of AIC Visit of B.Sc. (Hons) Entomology

Particular	
Program Evaluator	Prof. Dr. Sarfraz Ali Shad
Date of Visit	February 16, 2022

AIC Assessment: (i) Dedicated and competent senior faculty members; (ii) Technical laboratory staff; (iii) Equipment repair and maintenance; (iv) Operational/departmental budget for research activities; (v) Transport and medical facilities.

AIC Recommendations: (i) Appointment of at least 4-5 senior, competent, dedicated, and reputed teaching experienced faculty members; (ii) Appointment of competent teaching assistance staff; (iii) Official hierarchy set up of department should be established. e.g., Chairman and Dean; (iv) Development of separate buildings (classrooms and teaching) along with all accessories required good quality teaching. e.g., multimedia, good sound system for student listening and all good quality relevant audio video aids for students. Surroundings of building should be well ventilated with ever green plants and grasses to make attractive environment for students and visitors; (v) Development of independent library, appointment of library staff and purchase of new and latest edition of recommended textbooks; (vi) Independent recurring budget must be allocated to make the department functional and effective; (vii) Establishment of research field areas along with its necessary requirement of farm machinery latest tools and appointment of competent and dedicated field staff; (viii) Provision of hostel, transport, sports, medical and financial support facilities to the students; (ix) Data base should be developed for student's alumni activities and updated time to time; (x) Strong internet facility with accessible relevant international journals; (xi) Dispute resolutions of all matters with Gomal University. D.I. Khan; (xii) Role of QEC may be strengthened; (xiii) Course files should be maintained by the relevant teachers; (xiv) Industrial linkages should be strengthened; (xv) 8th semester should be reserved for internships (preferably paid) and if some courses are being taught in final semester these courses may be shifted to 5th, 6th or 7th semester; (xvi) Established and necessary farm machinery should be purchased.

3. Summary of AIC Visit of BS Forestry

Particular	
Program Evaluator	Prof. Dr. Muhammad Zubair
Date of Visit	February 16, 2022

AIC Assessment: (i) The Department is seriously lacking regular faculty especially at senior level. Moreover, existing faculty is all contractual hampering the quality of education; (ii) There is lack of specialized forestry fully functional undergraduate labs to cater for practical needs of the students; (iii) Lack of adequate practical exposure of students to various forest types and other field project sites which is needed for proper learning of the subjects related to natural resources management. The current touring exercises are not sufficient to meet the degree requirement; (iv) The text and reference books need to be updated with latest editions based on approved curriculum; (v) Only one dedicated classroom exists in the department; (vi) Not enough faculty

research projects especially externally funded are presently running in; (vii) Course files are not properly maintained.

AIC Recommendations: (i) Induction of regular faculty especially at senior level (Professor /Associate Professor) with a good combination of 1:1:2:2; (ii) Development of Forestry research area/farm and a good forest nursery; (iii) Attainment/construction of at least 02 dedicated classrooms with multimedia facility and 02 fully functional labs; (iv) Addition of new and latest edition of recommended text books in departmental library; (v) Field visits should be arranged regularly for the students for practical demonstration of latest and innovative nursery and field plantation techniques being employed by the research and extension institutions; (vi) To improve the quality of education, faculty should be provided ample opportunities for short and long term training in developed countries; (vii) The Faculty should develop proper course files as per HEC format; (viii) The faculty should be encouraged to get competitive research grants in order to inculcate research culture in their academic career as well as concentrating on producing impact factor publications; (ix) Hostel, medical, transport and sports facilities should be improved; (x) Role of QEC must be strengthened; (xi) Industrial linkages must be developed and strengthened; (xii) 8th semester should be reserved for internships (preferably paid) and if some courses are being taught in final semester these courses may be shifted to 5th, 6th or 7th semester.



4. Summary of AIC Visit of B.Sc. (Hons) Soil Science

Particular	
Program Evaluator	Dr. Niaz Ahmed
Date of Visit	February 16, 2022

AIC Assessment: (i) There is shortage of regular and experienced faculty; (ii) There is a shortage of technical laboratory staff to handle sophisticated equipment; (iii) There is limited IT facilities and access to HEC digital library; (iv) There is little operational/departmental budget for research activities; (v) There are limited facilities for co-curricular activities including out-door and indoor sports; (vi) No externally funded project is running in the department; (vii) Lack of exposure of students to other universities.

AIC Recommendations: (i) Induction of regular faculty on permanent basis (BPS/TTS) according to HEC criteria (1:1:2:2); (ii) Establishment of at least one functional laboratory; (iii) There is a dire need of experimental research farm with modern farm machinery and implements; (iv) Addition of new and latest

edition of recommended text books in departmental as well as main library; (v) Independent recurring budget must be allocated to make the department functional; (vi) Appointment of qualified Laboratory staff (Lab Superintendent, Lab Technician and Lab Assistant) along with field staff; (vii) Field visits should be organized; (viii) Provision of transport, sports and medical related facilities to the students.

D. Gomal University, Dera Ismail Khan

1. Summary of AIC Visit BS Animal Sciences

Particular	
Program Evaluator	Dr. Abdul Ghaffar
Date of Visit	February 17-18, 2022

AIC Assessment: (i) Currently no Professor and Associate Professor is present in BS Animal Sciences; (ii) Unable to win research projects from external sources due to lack of motivation/ mentoring; (iii) No conferences, seminars/webinars were conducted; (iv) Poor academia-industry linkage.

AIC Recommendations: (i) Currently there is one department with the name “Animal and Poultry Production”. It is proposed that a separate department of Animal Sciences may be established with independent financial resources; (ii) Regular and capable senior faculty (Professor and Associate Professor) may be appointed on priority basis; (iii) A training module may be prepared for lab staff who will help to conduct student’s practicals; (iv) Each faculty member should prepare semester/ course-wise list of experiments clearly describing the required equipment, chemicals to conduct that experiment; (v) Livestock housing facilities may be upgraded on scientific lines; (vi) Two labs and two classrooms equipped with multimedia facility may be dedicated for BS (AS); (vii) Every faculty member must maintain course files for each course being taught; (viii) Practical manuals for each course may be developed by relevant faculty for each subject; (ix) 8th semester may be dedicated for internships (preferably paid) and if some courses are being taught in final semester those must be shifted to earlier semesters; (x) The industrial linkages must be developed and strengthened; (xi) Transport facility must be improved; (xii) Faculty must be encouraged to hunt research projects from national & international organizations/donors; (xiii) Role of QEC and ORIC needs to be strengthened.

2. Summary of AIC Visit of BS Poultry Sciences

Particular	
Program Evaluator	Dr. Nasir Mukhtar
Date of Visit	February 17-18, 2022

AIC Assessment: (i) Lack of senior faculty i.e., Professor and Associate Professor; (ii) Lack of relevant faculty like faculty with basic degree (Animal Production) BS Poultry Science/ Animal Science/Animal Husbandry. (Only BS Poultry Science teacher is valuable on contact basis); (iii) Laboratory of Poultry Science is not up to mark; (iv) Classrooms are not up to mark; (v) No mega project by Poultry Science faculty; (vi) Insufficient text books; (vii) Lack of skilled supervisor at Poultry farm and hatchery; (viii) Unavailability of commercial birds like Broiler or Layer at poultry farm for students; (ix) Lack of controlled poultry shed; (x) Lack of feed mill related facilities; (xi) Lack of academia industry relationship; (xii) Student enrolment is very poor.

AIC Recommendations: (i) Relevant senior faculty should be inducted on BPS/TTS as per HEC criteria to run the departmental activities smoothly; (ii) It is strongly recommended that there must be a minimum of four faculty members with basic degree of Animal production like BS Poultry Science / Animal science / Animal Husbandry; (iii) It is suggest that department of Animal and Poultry Production should be separate into two departments like department of Poultry Science and Department of Animal Science. For wonderful results a separate faculty of animal production and technology is recommended like UVAS Lahore, CUVAS Bahawalpur and UAF Faisalabad; (iv) The faculty should be encouraged to get competitive research grants in order to inculcate research culture in their academic career as well as concentrating on producing impact factor publications; (v) Field visits/study tours should be regular part of degree program in order to give students better insight of the latest happenings in the industry; (vi) QEC should be strengthened and all teachers must prepare and submit the course files; (vii) Supporting staff with relevant diploma and skill may be appointed; (viii) Labs should be provided with latest equipment; (ix) Establishment of commercial control poultry houses may help to produce the skilled graduates; (x) Infrastructure (classrooms) should be equipped with latest audio-visual equipment; (xi) Industrial linkages must be strengthened; (xii) Text book related to Poultry Science must be added in library; (xiii) Organization of poultry conference /professional training/workshop may be organized to strengthen the graduate with recent advance of poultry industry; (xiv) Feed mill facility be provided to students to gain first-hand practical knowledge about feed related activities; (xv) 8th semester should be dedicated for internship (preferably paid) if some courses are being taught those courses may be shifted to 5th, 6th or 7th semester; (xvi) A minimum of 4 teachers must be appointed with basic degree of BS Poultry Science/BS Animal Science/BS Hons Animal husbandry. A teacher with basic degree of DVM is unable to teach the BS Poultry Science students.



3. Summary of AIC Visit of BS Wildlife Management

Particular	
Program Evaluator	Prof. Dr. Muhammad Zubair
Date of Visit	February 17-18, 2022

AIC Assessment: (i) B.Sc. (Hons) Wildlife Management program has been started without any thoughtful process of academic and market needs. Wildlife resources in the region are well developed though nevertheless, students are mostly employed having degree in Forestry/ Zoology in the provincial Forest/ Wildlife department; (ii) There is not a single faculty member having specialization in Wildlife discipline, yet program is being managed by the well experienced teachers in the basic Veterinary Science; (iii) Program essentialities like specialized labs and manuals with trained staff is lacking; (iv) Lack of adequate practical exposure of students to various wildlife resources/ national parks and other field project sites which is needed for proper learning of the subjects related to natural resources management. The current touring exercises are not sufficient to meet the degree requirement; (v) The text and reference books are appalling let alone recommended books in the discipline of Wildlife Management; (vi) Course files are not properly maintained and no system of course review in place.

AIC Recommendations: (i) Conventionally Wildlife program are being run under the umbrella of Forestry/ Zoology department therefore to safeguard students' future, current wildlife degree may either be run with the cooperation/ joint venture with the Zoology/ Forestry department of the Gomal University with the award of corresponding terminal degree to current students and in future this program may be made part of Forestry discipline; (ii) Current poor enrolment of students also indicates it as non-sustainable program in veterinary faculty; (iii) There is not a single faculty member having specialization in Wildlife discipline. Therefore in order to carry-on this program first of all relevant faculty fulfilling the HEC criteria (1:1:2:2) should be hired; (iv) Course files should be maintained properly by the relevant teachers; (v) Course review reports should be maintained; (vi) Specialized labs with necessary equipment and manuals should be made available; (vii) Library should be strengthened by purchasing more text & reference books; (viii) Study tours should be regular part of the degree program; (ix) Industrial linkages should be strengthened; (x) Sufficient budget should be allocated to the department for smooth running of the department; (xi) 8th semester should be dedicated for internship (preferably paid) if some courses are taught in 8th semester those must be shifted to 5th, 6th or 7th semester; (xii) Trained technical library staff must be hired; (xiii) Curriculum should be approved through statutory bodies of the university; (xiv) Coordination between QEC and faculty must be improved; (xv) Course code should be allotted to every subject; (xvi) Latest teaching pedagogies should be used to enhance the knowledge & practical skills of the students; (xvii) Lab protocols and safety measures should be in place.

E. Khawaja Fareed University of Engineering and Information Technology, Rahim Yar Khan

1. Summary of AIC Visit of BS Agronomy

Particular	
Program Evaluator	Prof. Dr. Shakeel Ahmad
Date of Visit	February 21-22, 2022

AIC Assessment: (i) Experienced faculty (Professor, Associate Professor) are lacking to develop leadership in the department; (ii) Limited number of HEC recognized (national and international) research journals are

available in the central library; (iii) Farm machinery and implements are not available; (iv) Very limited seminars and workshops and activities (including business expo) are organized at the campus.

AIC Recommendations: (i) Induction of experienced faculty at the post of Professors and Associate Professors; (ii) HEC recommended books for the library for the faculty as well as students should be purchased; (iii) Availability of HEC subscribed journal for promoting a research culture; (iv) Supporting staff recruitment with relevant qualification and experience is required; (v) Farm machinery and implements should be purchased; (vi) Student's enrolment may be enhanced through awarding merit scholarship, fee in installment and students counseling towards major selection; (vii) 8th semester may be dedicated for internships (preferably paid) and if some courses are being taught in final semester those courses may be shifted to 5th, 6th or 7th semester; (viii) Department should develop Alumni's association in future; (ix) In addition to existing lab one more well equipped lab should be established to fulfill HEC criteria; (x) Faculty members must be motivated to hunt research grants form various national & international organizations; (xi) Faculty accommodation, student hostel and sports facilities may be improved.



2. Summary of AIC Visit of BS Entomology

Particular	
Program Evaluator	Dr. Muhammad Arshad
Date of Visit	February 21-22, 2022

AIC Assessment: (i) The department is lacking permanent faculty members particularly senior faculty positions. Separate faculty offices are not available; (ii) Research laboratories are not well equipped and functional in the department; (iii) Lab supporting staff is not available; (iv) The only one undergraduate laboratory is not sufficient for taking all classes and practical works; (v) The on-campus accommodation facilities are limited; (vi) There is no proper departmental library, the central library is also lacking of entomological books; (vii) There is lack of research coordination with sister organizations and surrounding industry in the area.

AIC Recommendations: (i) There is need to establish faculty of agriculture supported by various departments; (ii) Faculty members should be appointed on permanent or on TTS basis, including the appointment of well experienced senior faculty to develop structural hierarchy; (iii) The library should be fully equipped and more text books and research journals must be purchased; (iv) The laboratory staff must be appointed and trained for practical demonstration of insects to the students; (v) 8th semester students should be engaged in their internship program (preferably paid) in different public and private sectors for their exposure to research and better job opportunities; (vi) The industrial linkage must be developed and strengthened for the addition of departmental resources; (vii) There is need to increase the number of classrooms and hostel facilities as present structure is not sufficient for increasing number of students; (viii) Separate recurring budget be allocated to each department/discipline for smooth functioning of the degree program; (ix) The latest HEC curriculum should be adopted; (x) The laboratories should be equipped with safety arrangements (fire extinguisher, first aid kits etc.) and provision of necessary chemicals and glassware; (xi) Study tour/ field visits must be organized as part of student practical work; (xii) New under and post-graduate research laboratories should be developed; (xiii) Teachers must be encouraged to compete and secure research grants from national & international funding agencies to develop research culture in the teaching community at the university; (xiv) Separate common room for female students may be arranged; (xv) Course files may be maintained properly; (xvi) Regular meetings of statutory bodies may be held.

3. Summary of AIC Visit of BS Horticulture

Particular	
Program Evaluator	Dr. Basharat Ali Saleem
Date of Visit	February 21-22, 2022

AIC Assessment: (i) Presently, there is no independent department of agriculture and lacking sufficient faculty members and structural hierarchy which must be addressed considering the future enrollment especially in horticulture; (ii) Board of Studies (BoS) and Faculty Board need to be more functional in terms of consecutive meetings and involvement of members from industry; (iii) Course files, review reports and QEC reports needs to be improved; (iv) There are no dedicated research labs for horticulture except a very small informal facility for floriculture; (v) Lack of trained technical staff, equipment/repairing/spare parts, glassware, chemicals etc. in the region.

AIC Recommendations: (i) The name “Department of Agriculture Engineering” is misleading. Department/Faculty of Agriculture may be established supported by various disciplines of agriculture; (ii) There is dire need of senior faculty members in horticulture for better running of Horticulture degree programs and practical outreach; (iii) Recruitment of permanent faculty in senior junior cadres for fetch national and international projects for advancement of horticulture industry in the area; (iv) Board of Studies (BoS)/Faculty Board may be more functional with consecutive meetings for swift academic decisions. Participation of the stakeholders like industry and potential growers; (v) Establishment of Horticulture laboratories; (vi) Course files and review reports ought to be maintained properly for record keeping.

F. Hazara University, Mansehra

1. Summary of AIC Visit B.Sc. (Hons) Agronomy

Particular	
Program Evaluator	Prof. Dr. Shakeel Ahmad
Date of Visit	June 14, 2022

AIC Assessment: (i) No senior faculty in the department.

AIC Recommendations: (i) Severe shortage of teaching faculty both at juniors as well as seniors levels; (ii) Non-availability of computer lab facilities; (iii) Availability of periodicals and journals in the departmental library for faculty and students; (iv) Trained laboratory staff should be appointed on urgent basis. The capacity of existing supporting staff should be improved through short-term in-land and abroad training's and courses; (v) More in number HEC recommended books as prescribed in revised curriculum should be made available to the library for the students of the degree program; (vi) Safety arrangements and security plans in the laboratories and class-rooms should be made on urgent basis and emergency exits may be developed at specific sites; (vii) 8th semester should be dedicated for internship (preferably paid) if some courses are being taught in 8th semester those may be shifted to 5th, 6th or 7th semester; (viii) Industrial linkages must be strengthened; (ix) Faculty should be motivated to hunt research grants from various national and international donor agencies.

2. Summary of AIC Visit B.Sc. (Hons) Horticulture

Particular	
Program Evaluator	Dr. Sajjad Hussain
Date of Visit	June 14, 2022

AIC Assessment: (i) No Senior faculty; (ii) Not working as independent department; (iii) Shortage of budget for conducting research and farm development and maintenance; (iv) Limited availability of field-based machinery and dedicated containment facilities for research; (v) Unavailability of skilled supporting staff for experimentation (Field Assistant) etc; (vi) There is no separate departmental library with ample copies of curriculum books.

AIC Recommendations: (i) Currently, many disciplines of agriculture are working as single department i.e. department of Agriculture this approach is entirely against the sole of quality education. In agriculture each discipline like Horticulture, Agronomy and PBG etc. occupy a unique place and have different academic and research domains. Therefore, it is highly recommended that a separate faculty of Agricultural Sciences may please be established having different discipline of Agriculture headed by separate HoD/Chairman; (ii) Severe shortage of teaching faculty both at juniors as well as seniors levels; (iii) Nonavailability of computer lab facilities; (iv) A reward-based system may be initiated for the faculty members and researchers to promote the research activities; (v) Step may be taken to establish strong linkage between department and industry by holding of seminars and conferences frequently; (vi) Paid or partially paid internship program of one semester (8th) duration may please be initiated at undergraduate level; (vii) More funds should be allocated for running of Tissue culture lab and field based experiments; (viii) Emphasis must be given for practical training through practical work especially in the field for conducting the field experiments; (ix) Although university have excellent facility of central library but it is observed that library staff is not properly trained/relevant to library management it is suggested at least capacity building/training program may please be initiated for library staff to deal with library related matters; (x) Availability of periodicals and journals in the departmental library for



faculty and students; (xi) Facility of separate departmental library having ample copies of curriculum books should be established for easily availability of journals, books and research paper etc; (xii) More in number HEC recommended books as prescribed in revised curriculum should be made available to the library for the students of the degree program; (xiii) Trained laboratory staff should be appointed on urgent basis. The capacity of existing supporting staff should be improved through short-term in-land and abroad trainings and courses; (xiv) Safety arrangements and security plans in the laboratories and classrooms should be made on urgent basis and emergency exits may be developed at specific sites; (xv) Capacity building programs for teaching staff must be initiated to equip the faculty with modern teaching gadgets; (xvi) Measures should be taken to increase the enrolment in the department.



III. Quality Assurance and Accreditation Awareness Seminars

Quality assurance and accreditation awareness seminar is a routine activity for initiation of accreditation process for any agriculture and allied education institution. The main objective of these seminars is to stimulate and sensitize the stakeholders regarding the significance of accreditation process, its benefits and share program evaluation criteria and standards used for the accreditation process. Awareness seminars are normally chaired either by the Vice Chancellor or any other senior officer of the institution and attended by majority of the faculty members, administration and students of relevant disciplines.

The council has conducted 93 quality assurance and accreditation awareness seminars so far including 34 seminars during 2021-22 at various agriculture and allied education institutions in Pakistan. A summary of these seminars is given below:

Sr. No	HEIs	Programs	Seminar Date
1	Islamic International Institute Multan	Human Nutrition and Dietetics	Aug 7, 2021
2	Karakoram International University, Gilgit	Environmental Sciences	Sep 23, 2021
3	Comsats University Sahiwal Campus	Food Science and Nutrition	Sep 28, 2021
4	The Superior University Lahore	Human Nutrition and Dietetics	Sep 29, 2021
5	Abasyn University Islamabad Campus	Human Nutrition and Dietetics	Oct 4, 2021
6	The University of Agriculture Peshawar	Human Nutrition	Oct 12, 2021
7	Women University Mardan	Human Nutrition and Dietetics	Oct 14, 2021
8	Iqra University Chak Shahzad Islamabad	Human Nutrition and Dietetics	Oct 20, 2021
9	Comsats University Abbottabad Campus	Environmental Sciences	Oct 21, 2021
10	The University of Lahore	Environmental Sciences, Human Nutrition and Dietetics	Nov 4, 2021
11	The Islamia University of Bahawalpur	Animal Sciences, Environmental Sciences, Human Nutrition and Dietetics	Nov 15, 2021
12	Cholistan University of Veterinary & Animal Sciences, Bahawalpur	Animal Sciences, Food Science and Technology, Poultry Sciences	Nov 16, 2021
13	Muhammad Nawaz Shareef University of Agriculture, Multan	Fisheries and Aquaculture, Human Nutrition and Dietetics, Poultry Sciences	Nov 17, 2021
14	Nishtar Medical University Multan	Human Nutrition and Dietetics	Nov 18, 2021
15	Women University Multan	Environmental Sciences	Nov 19, 2021
16	University of Home Economics Lahore	Human Nutrition and Dietetics	Nov 22, 2021
17	Afro-Asian Institute Lahore	Human Nutrition and Dietetics	Nov 23, 2021
18	Command College Sahiwal	Food Science	Nov 25, 2021
19	University of Gujrat	Environmental Sciences	Nov 29, 2021
20	Bahauddin Zakariya University Multan	Environmental Sciences, Human Nutrition and Dietetics, Poultry Sciences	Dec 7, 2021
21	The University of Sindh Jamshoro	Environmental Sciences	Dec 14, 2021
22	Sindh Madressatul Islam University, Karachi	Environmental Sciences	Jan 4, 2022
23	University of Veterinary and Animal Sciences, Lahore	Environmental Sciences, Fisheries and Aquaculture, Human Nutrition and Dietetics, Poultry Sciences	Jan 27, 2022

Sr. No	HEIs	Programs	Seminar Date
24	Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan	Environmental Science, Human Nutrition and Dietetics	Feb 22, 2022
25	GCUF – Layyah Campus	Human Nutrition and Dietetics	Feb 24, 2022
26	Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat, Khairpur Mirs	Human Nutrition and Dietetics	Mar 15, 2022
27	Mirpur University of Science & Technology, Mirpur, AJK	Human Nutrition and Dietetics	Mar 15, 2022
28	Mirpur University of Science & Technology, Bhimber Campus	Animal Sciences, Poultry Sciences	Mar 16, 2022
29	Minhaj University Lahore	Human Nutrition and Dietetics	Mar 30, 2022
30	University of the Punjab, Lahore	Nutrition and Dietetics	Apr 11, 2022
31	University of the Punjab, Lahore	Plant Breeding and Genetics, Soil Science	Apr 12, 2022
32	Ghazi University Dera Ghazi Khan	Agricultural Extension, Agricultural Seed Science and Technology, Environmental Sciences, Food Science and Technology, Forestry, Plant Pathology	May 13, 2022
33	The University of Poonch Rawalakot	Environmental Sciences, Human Nutrition and Dietetics	June 21, 2022
34	Women University Swabi	Food Science and Nutrition	June 24, 2022

IV. Budget Utilization for FY 2021-22 and Proposed Allocation for FY 2022-23

Code	Object	Budget Utilization 2021-22	Proposed Budget Allocation 2022-23
71-1	Establishment Costs	5,070,627	7,689,964
71-20	a. Honorarium for Program Evaluators	1,010,500	2,500,000
	b Honorarium for Staff	665,000	1,000,000
72-10	TA/ DA (Accreditation visits; Council Meeting)	1,999,445	4,000,000
72-14	Transportation	260,033	500,000
72-15	Vehicle Expenses	16,650	30,000
72-2	Communication	73,988	150,000
72-31	Stationery & other supplies	61,839	120,000
72-32	Printing and Publications	403,344	400,000
72-37	Other Misc. Expenses (OE & RM)	69,775	300,000
72-43	Computer & Office equipment	468,030	300,000
72-44	Furniture & Fixture	0	100,000
72-50	Audit Expenses	41,090	50,000
72-60	Publicity & Advertisement	0	300,000
72-63	Meetings/Seminars	209,290	1,000,000
		10,349,611	18,439,964
		10.349 million	18.439 million

Budgetary Receipts for FY 2022-23

i	Opening balance as of July 1, 2022	Rs. 14.017 million
ii	Fee (Estimate from Accreditation/Zero/Seminar)	Rs. 19.500 million
iii	Registration Income	Rs. 0.500 million
	Total	Rs. 34.017 million

VI. Proposed Work Plan for FY 2022-23

Sr. No	Institution	Discipline	Activity	Last visit and rating	Tentative visit schedule
1	Shaheed Benazir Bhutto University Sheringal, Dir	Forestry	Accreditation visit	X ₃ 2018-19	Aug 2022
		Food Science and Technology	Accreditation visit	Zero visit 2020-21	
2	Karakoram International University, Gilgit	Human Nutrition and Dietetics	Accreditation visit	Zero visit 2021-22	Aug 2022
		Environmental Science	Zero visit	Awareness seminar 2021-22	
3	Abdul Wali Khan University, Mardan	Fisheries and Aquaculture	Awareness seminar (QA, OBE)		Aug 2022
4	Women University Mardan	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	Aug 2022
5	KAIMS International Institute, Multan	Human Nutrition and Dietetics	Awareness seminar (QA, OBE)		Aug 2022
6	Islamic International Institute of Sciences, Multan	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	Aug 2022
7	Multan Medical & Dental College, Multan	Food and Nutrition	Awareness seminar (QA, OBE)		Aug 2022
8	GCUF – Sahiwal Campus	Food Science and Technology	Accreditation visit	Y ₁ 2020-21	Aug 2022
9	GCUF – Layyah Campus	Food Science and Technology	Accreditation visit	Y ₁ 2020-21	Sep 2022
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
10	The University of Agriculture Peshawar	Agricultural Biotechnology	Accreditation visit	W ₃ 2017-18	Sep 2022
		Plant Pathology	Accreditation visit	X ₂ 2017-18	
		Entomology	Accreditation visit	X ₃ 2016-17	
		Agricultural Chemistry	Accreditation visit	X ₃ 2017-18	
		Horticulture	Accreditation visit	X ₂ 2017-18	
		Human Nutrition	Zero visit	Awareness seminar 2021-22	
11	Lasbela University of Agriculture, Water and Marine Sciences, Uthal	Plant Breeding and Genetics	Accreditation visit	Y ₂ 2016-17	Sep 2022
		Horticulture	Accreditation visit	Y ₃ 2016-17	
		Agronomy	Accreditation visit	X ₃ 2016-17	
		Entomology	Accreditation visit	X ₃ 2016-17	
		Soil Science	Accreditation visit	X ₃ 2016-17	

		Plant Pathology	Accreditation visit	Y ₂ 2016-17	
12	Hamdard University, Karachi	Food Science and Technology	Accreditation visit	Zero visit 2020-21	Sep 2022
		Human Nutrition and Dietetics	Awareness seminar (QA, OBE)		Sep 2022
		Biotechnology			
13	Sindh Madressatul Islam University, Karachi	Environmental Science	Zero visit	Awareness seminar 2021-22	Sep 2022
14	Ziauddin University, Karachi	Food Science and Technology	Awareness seminar (QA, OBE)		Sep 2022
		Human Nutrition and Dietetics			
15	FUUAST, Karachi	Environmental Science	Awareness seminar (QA, OBE)		Sep 2022
16	Iqra University Karachi	Human Nutrition and Dietetics	Awareness seminar (QA, OBE)		Sep 2022
17	University of Agriculture Faisalabad	Agricultural Biotechnology	Accreditation visit	W ₃ 2017-18	Oct 2022
		Food Science and Technology	Accreditation visit	W ₃ 2018-19	
		Entomology	Accreditation visit	X ₁ 2017-18	
		Plant Pathology	Accreditation visit	X ₁ 2017-18	
		Livestock Management	Accreditation visit	X ₂ 2018-19	
		Forestry and Range Management	Accreditation visit	X ₂ 2017-18	
		Agricultural Education and Extension	Accreditation visit	X ₂ 2018-19	
		Agricultural Economics	Accreditation visit	X ₁ 2018-19	
		Human Nutrition and Dietetics	Zero visit		
18	Govt. College Women University, Faisalabad	Food Science and Technology	Accreditation visit	X ₃ 2017-18	Oct 2022
19	PMAS Arid Agriculture University, Rawalpindi	Plant Pathology	Accreditation visit	X ₃ 2019-20	Oct 2022
		Agricultural Extension	Accreditation visit	Y ₃ 2019-20	
		Human Nutrition and Dietetics	Zero visit		
		Animal Science	Awareness seminar (QA, OBE)		
		Poultry Sciences	Awareness seminar (QA, OBE) + Zero visit		
20	Zohra Institute of Health & Sciences, Rawalpindi	Human Nutrition and Dietetics	Awareness seminar (QA, OBE)		Oct 2022
21	Abasyn University Islamabad Campus	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	Oct 2022

22	Iqra University Islamabad Campus	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	Oct 2022
23	COMSATS University Islamabad, Sahiwal Campus	Food Science and Nutrition	Zero visit	Awareness seminar 2021-22	Oct 2022
24	COMAND College Sahiwal	Food Science	Zero visit	Awareness seminar 2021-22	Oct 2022
25	Sindh Agriculture University, Tandojam	Entomology	Accreditation visit	X ₂ 2019-20	Nov 2022
		Agricultural Extension	Accreditation visit	X ₃ 2019-20	
		Agricultural Economics	Accreditation visit	X ₃ 2019-20	
		Plant Pathology	Accreditation visit	X ₃ 2019-20	
		Agribusiness Management	Zero visit		
26	Shaheed Z.A. Bhutto Agriculture College, Dokri	Entomology	Accreditation visit	Y ₁ 2019-20	Nov 2022
		Plant Pathology	Accreditation visit	Y ₃ 2019-20	
		Plant Protection	Accreditation visit	Y ₃ 2019-20	
27	PAQSJIMS, Gambat	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	Nov 2022
28	The University of Sindh, Jamshoro	Environmental Sciences	Zero visit	Awareness seminar 2021-22	Nov 2022
29	Bahauddin Zakariya University, Multan	Horticulture	Accreditation visit	X ₁ 2018-19	Nov 2022
		Agronomy	Accreditation visit	X ₁ 2018-19	
		Plant Breeding and Genetics	Accreditation visit	X ₂ 2018-19	
		Soil Science	Accreditation visit	X ₁ 2018-19	
		Environmental Sciences	Zero visit	Awareness seminar 2021-22	
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
		Poultry Science	Zero visit	Awareness seminar 2021-22	
30	Muhammad Nawaz Shareef University of Agriculture, Multan	Biotechnology	Accreditation visit	X ₃ 2020-21	Dec 2022
		Plant Pathology	Accreditation visit	X ₃ 2020-21	
		Fisheries and Aquaculture	Zero visit	Awareness seminar 2021-22	

		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
		Poultry Science	Zero visit	Awareness seminar 2021-22	
31	Nishtar Medical University, Multan	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	Dec 2022
32	Women University Multan	Environmental Sciences	Zero visit	Awareness seminar 2021-22	Dec 2022
33	The University of Agriculture, D.I. Khan	Agronomy	Accreditation visit	Zero visit 2021-22	Dec 2022
		Entomology	Accreditation visit	Zero visit 2021-22	
		Forestry	Accreditation visit	Zero visit 2021-22	
		Soil Science	Accreditation visit	Zero visit 2021-22	
34	Gomal University, D.I. Khan	Soil Science	Accreditation visit	X ₂ 2018-19	Dec 2022
		Plant Breeding and Genetics	Accreditation visit	Y ₁ 2018-19	
		Agronomy	Accreditation visit	X ₃ 2018-19	
		Entomology	Accreditation visit	X ₂ 2018-19	
		Agricultural Economics	Accreditation visit	Y ₂ 2018-19	
		Food Science and Technology	Accreditation visit	X ₂ 2018-19	
		Animal Sciences	Accreditation visit	Zero visit 2021-22	
		Poultry Sciences	Accreditation visit	Zero visit 2021-22	
		Wildlife Management	Accreditation visit	Zero visit 2021-22	
35	The Islamia University of Bahawalpur	Soil Science	Accreditation visit	X ₂ 2019-20	Jan 2023
		Entomology	Accreditation visit	X ₃ 2020-21	
		Food Science	Accreditation visit	X ₃ 2020-21	
		Plant Pathology	Accreditation visit	X ₂ 2018-19	
		Animal Sciences	Zero visit	Awareness seminar 2021-22	
		Environmental Science	Zero visit	Awareness seminar 2021-22	
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	

36	CUVAS, Bahawalpur	Animal Sciences	Zero visit	Awareness seminar 2021-22	Jan 2023
		Food Science and Technology	Zero visit	Awareness seminar 2021-22	
		Poultry Science	Zero visit	Awareness seminar 2021-22	
37	KFUEIT, Rahim Yar Khan	Agronomy	Accreditation visit	Zero visit 2021-22	Jan 2023
		Entomology	Accreditation visit	Zero visit 2021-22	
		Horticulture	Accreditation visit	Zero visit 2021-22	
		Environmental Science	Zero visit	Awareness seminar 2021-22	
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
38	Ghazi University, D.G. Khan	Agricultural Extension	Zero visit	Awareness seminar 2021-22	Feb 2023
		Environmental Science	Zero visit	Awareness seminar 2021-22	
		Food Science and Technology	Zero visit	Awareness seminar 2021-22	
		Forestry	Zero visit	Awareness seminar 2021-22	
		Plant Pathology	Zero visit	Awareness seminar 2021-22	
		Seed Science and Technology	Zero visit	Awareness seminar 2021-22	
39	University of Sargodha	Soil and Environmental Sciences	Accreditation visit	X ₃ 2019-20	Feb 2023
		Food Science	Accreditation visit	X ₂ 2019-20	
		Agricultural Extension	Accreditation visit	X ₃ 2019-20	
		Animal Sciences	Accreditation visit	X ₃ 2020-21	
		Agricultural Economics	Accreditation visit	Y ₁ 2020-21	
40	BZU Sub-Campus Bahadur, Layyah	Agronomy	Accreditation visit	X ₃ 2020-21	Feb 2023
		Entomology	Accreditation visit	Y ₁ 2020-21	
41	Bacha Khan University, Charsadda	Agronomy	Accreditation visit	Y ₂ 2020-21	Feb 2023

		Entomology	Accreditation visit	Y ₂ 2020-21	
		Plant Breeding and Genetics	Accreditation visit	Y ₂ 2020-21	
		Human Nutrition and Dietetics	Awareness seminar (QA, OBE)		
42	University of Karachi	Plant Protection	Accreditation visit	X ₃ 2020-21	Mar 2023
		Agribusiness Management	Accreditation visit	Y ₂ 2020-21	
		Poultry Science	Awareness seminar (QA, OBE)		
43	Balochistan Agriculture College, Quetta	Plant Breeding and Genetics	Accreditation visit	Y ₂ 2020-21	Mar 2023
		Agronomy	Accreditation visit	X ₃ 2020-21	
		Soil Science	Accreditation visit	X ₃ 2020-21	
		Plant Pathology	Accreditation visit	Y ₁ 2020-21	
		Entomology	Accreditation visit	Y ₁ 2020-21	
		Horticulture	Accreditation visit	Y ₁ 2020-21	
44	Mir Chakar Khan Rind University, Sibi	Agriculture	Awareness seminar (QA, OBE)		Mar 2023
45	UAF Sub – Campus, Burewala	Agronomy	Accreditation visit	Y ₁ 2018-19	Mar 2023
		Horticulture	Accreditation visit	Y ₁ 2018-19	
		Plant Pathology	Accreditation visit	X ₂ 2018-19	
		Soil Science	Accreditation visit	X ₃ 2018-19	
		Entomology	Accreditation visit	Zero visit 2019-20	
		Food Science and Technology	Accreditation visit	Zero visit 2019-20	
		PBG	Accreditation visit	Zero visit 2019-20	
46	COMSATS University Islamabad, Vehari Campus	Environmental Sciences	Awareness seminar (QA, OBE)		Mar 2023
47	University of the Punjab, Lahore	Food Science	Accreditation visit	X ₃ 2019-20	Mar 2023
		Horticulture	Accreditation visit	X ₂ 2019-20	
		Plant Pathology	Accreditation visit	X ₂ 2019-20	
		Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
		PBG	Zero visit	Awareness seminar 2021-22	

		Soil Science	Zero visit	Awareness seminar 2021-22	
48	The University of Lahore	Food Science and Technology	Accreditation visit	X ₂ 2017-18	Apr 2023
		Environmental Sciences	Zero visit	Awareness seminar 2021-22	
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
49	Minhaj University, Lahore	Food Science and Technology	Accreditation visit	X ₃ 2020-21	Apr 2023
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
50	UMT, Lahore	Food Technology	Accreditation visit	X ₃ 2020-21	Apr 2023
		Agribusiness Management	Awareness seminar (QA, OBE)		
		Human Nutrition and Dietetics			
51	Forman Christian College, Lahore	Environmental Science	Awareness seminar (QA, OBE)		Apr 2023
52	University of Sialkot	Dietetics and Nutritional Science	Awareness seminar (QA, OBE)		Apr 2023
53	UVAS, Lahore	Food Science and Technology	Accreditation visit	X ₂ 2018-19	May 2023
		Environmental Sciences	Zero visit	Awareness seminar 2021-22	
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	
54	UVAS-Ravi Campus, Pattoki	Fisheries and Aquaculture	Zero visit	Awareness seminar 2021-22	May 2023
		Poultry Science	Zero visit	Awareness seminar 2021-22	
55	The Superior University, Lahore	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	May 2023
56	University of Home Economics, Lahore	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	May 2023
		Food Science and Technology	Zero visit		May 2023
57	Afro-Asian Institute Lahore	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	May 2023
58	UAF Sub – Campus, Depalpur-Okara	Agronomy	Accreditation visit	Y ₁ 2020-21	May 2023
		Plant Pathology	Accreditation visit	Y ₃ 2020-21	

		PBG	Accreditation visit	Y ₁ 2020-21	
		Soil Science	Accreditation visit	X ₃ 2020-21	
		Agricultural Extension	Zero visit		
		Entomology	Zero visit		
		Horticulture	Zero visit		
59	University of Okara	Environmental Science	Awareness seminar (QA, OBE)		May 2023
60	UAF Sub-Campus Toba Tek Singh	Animal Science	Accreditation visit	Zero visit 2021-22	May 2023
		Human Nutrition & Dietetics	Accreditation visit	Zero visit 2021-22	
		Poultry Science	Accreditation visit	Zero visit 2021-22	
61	University of Gujrat	Environmental Sciences	Zero visit	Awareness seminar 2021-22	May 2023
62	MUST, Mirpur AJK	Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	May 2023
63	MUST, Bhimber Campus	Animal Science	Zero visit	Awareness seminar 2021-22	May 2023
		Poultry Science	Zero visit	Awareness seminar 2021-22	
64	National University of Medical Sciences, Rawalpindi	Human Nutrition and Dietetics	Awareness seminar (QA, OBE)		Jun 2023
65	University of Swabi	Plant Breeding and Genetics	Accreditation visit	X ₃ 2020-21	Jun 2023
		Food Science and Technology	Accreditation visit	Y ₁ 2020-21	
		Agronomy	Accreditation visit	X ₃ 2020-21	
		Horticulture	Accreditation visit	X ₃ 2020-21	
		Entomology	Accreditation visit	Y ₁ 2020-21	
		Climate Change	Zero visit	Awareness seminar 2020-21	
		Plant Pathology	Zero visit	Awareness seminar 2020-21	
		Soil Science	Zero visit	Awareness seminar 2020-21	
66	Women University Swabi	Food Science and Nutrition	Zero visit	Awareness seminar 2021-22	Jun 2023
67	The University of Haripur	Plant Breeding and Genetics	Accreditation visit	X ₃ 2019-20	Jun 2023
		Entomology	Accreditation visit	X ₃	

				2019-20	
		Horticulture	Accreditation visit	X ₃ 2019-20	
		Agronomy	Accreditation visit	X ₂ 2019-20	
		Food Science and Technology	Accreditation visit	X ₃ 2019-20	
68	COMSATS University Islamabad, Abbottabad Campus	Environmental Sciences	Zero visit	Awareness seminar 2021-22	Jun 2023
69	Hazara University, Mansehra	Plant Breeding and Genetics	Accreditation visit	X ₃ 2020-21	Jun 2023
		Agronomy	Accreditation visit	Zero visit 2021-22	
		Horticulture	Accreditation visit	Zero visit 2021-22	
70	The University of Poonch, Rawalakot	Soil Science	Accreditation visit	X ₂ 2019-20	Jun 2023
		Entomology	Accreditation visit	X ₃ 2020-21	
		Human Nutrition and Dietetics	Zero visit	Awareness seminar 2021-22	

Annexure-I

NAEAC Membership

1-Prof. Dr. Ishtiaq Ahmad Rajwana Chairperson NAEAC and Professor of Horticulture MNS - University of Agriculture, Multan	2-Prof. Dr. Fauzia Yusuf Hafeez Professor/Advisor (Biosciences) Department of Biosciences COMSATS University, Islamabad
3-Mr. Nasir Shah Director/In-Charge Quality Assurance Agency Higher Education Commission, Islamabad	4-Dr. Syed Zaheer Hussain Joint Scientific Adviser Ministry of Science and Technology Islamabad
5-Dr. Tahira Yasmin PSO/Registrar, PIASA National Agricultural Research Centre, Islamabad	6-Prof. Dr. Aman Ullah Malik Dean, Faculty of Agriculture University of Agriculture, Faisalabad
7-Prof. Dr. Ahmad-Ur-Rahman Saljoqi Dean, Faculty of Crop Protection Sciences The University of Agriculture, Peshawar	8-Prof. Dr. Fayyaz ul Hassan Dean, Faculty of Crop and Food Science PMAS AAU, Rawalpindi
9-Prof. Dr. Qamaruddin Chachar Dean, Faculty of Crop Production Sindh Agriculture University, Tandojam	10-Prof. Dr. Shafqat Saeed Dean, Faculty of Agriculture & Environmental Sciences MNS-University of Agriculture, Multan
11-Dr. Tamoor Khan Dean, Faculty of Agriculture Lasbela University of Agriculture, Water and Marine Sciences, Uthal	12-Prof. Muhammad Aslam Niazi Principal, Balochistan Agriculture College, Quetta
13-Mr. Muhammad Nawaz Khan Director General (Research) Ayub Agriculture Research Institute, Faisalabad	14-Dr. Muhammad Javed Tareen Director General (Research) Agriculture Research Institute, Balochistan
15-Dr. Abdul Rauf Khan Director General (Research) Agriculture Research, Khyber Pakhtunkhwa	16-Mr. Noor Muhammad Baloch Director General (Research) Agriculture Research Institute Sindh, Tandojam
17-Dr. Muhammad Anjum Ali Director General Agriculture (Extension & AR), Agriculture Department, Punjab	18-Mr. Malik Nasir Director Planning, Agriculture Extension Agriculture, Livestock, Fisheries & Cooperative Department, Peshawar Government of Khyber Pakhtunkhwa
19-Mr. Allah Warayo Rind Additional Director General (Agriculture Extension) Agriculture, Supply and Prices Department, Government of Sindh	20-Mr. Asif Majeed President Evyol Group of Companies, Multan
21-Ms. Nighat Jawwad C.E.O Food Tech Solutions YUMZ (PK), Lahore	22-Mr. Faisal Shahid Managing Director Faisal Group of Industries, Multan
23-Mr. Khawaja Muhammad Mohsin Masood Director Mahmood Group of Industries, Kabirwala	

Annexure-II

Minutes of 18th Meeting of NAEAC

1. The 18th Meeting of the National Agriculture Education Accreditation Council (NAEAC) was held on March 25, 2022 at 9:30 am in the Mural Hall of Higher Education Commission (HEC), H-9, Islamabad. Prof. Dr. Ishtiaq A. Rajwana, Chairperson NAEAC, chaired the meeting attended by 20 members.
2. The meeting commenced with recitation from the Holy Quran. Chairperson appreciated the honorable members for sparing precious time and warmly welcomed all members. He paid special tributes for members who participated in person observing Covid-19 SOPs. NAEAC Annual Report 2020-21 was shared among the members present physically and displayed for online members. In opening remarks the chair presented the achievements of NAEAC since 2008. The chair informed that number of subjects under NAEAC purview have increased from sixteen to twenty four disciplines related to agriculture and allied sciences degree programs. Till date accreditation of 428 degree programs have been conducted, 14 Annual reports have been published and 86 awareness seminars were carried out. There are activities which takes place on yearly basis while certain activities like training of evaluators occur once in a 3-4 years duration. NAEAC has planned training of evaluators in June 2022. In this regard necessary preparatory steps have already been initiated involving QAA, HEC.
3. The Chairperson highlighted different challenges faced by the Council which include long term financial sustainability and briefed about plans to overcome constraints. Administrative reluctance in implementing quality education by university administration, mushroom growth of agriculture and allied sciences in various HEIs, initiation of new degree programs without having proper faculty, infrastructure, poor teacher student ratio and improper functioning of QECs and ORICs in some HEIs is another concern to be discussed at higher forums for the improvement of graduates. In HEC latest new undergraduate policy, credit hours for professional degree program have been reduced causing challenges for professional degrees like agriculture and allied sciences. The council members emphasized that there must be a distinction between the credit hours of professional and non-professional degree programs. The credit hours for professional degree programs must be enhanced instead of equating to general degree programs.
4. Chairperson also expressed his concern for employing under paid Ph.D. faculty by some HEIs, together with lack of industrial training, non-availability of lab manuals and teaching of technical subjects by irrelevant faculty. Chairperson also tinted the responsibility of NAEAC to publish a parent/student alert of non-responsive HEIs in public and private sector.
5. NAEAC Council Board in its 14th meeting held on September 30, 2019 directed the council to develop a software for registration of agriculture graduates, professional and fellows, consequently Agriculture Personnel Registration System (APRS) was developed and inaugurated in 16th council meeting held on December 28, 2020. However the response from large universities is not encouraging compared to smaller HEIs.
6. He emphasized that accreditation data over a period of 14 years exhibits an improvement in all rating category (W, X, Y and Z), however, a general feeling of deterioration in quality of graduates produced over the period of time is being complained by the recruiting agencies like Public Service Commission and private companies, etc.

In this context chairperson raised the following questions:

- i) Do the standards set by NAEAC have become obsolete in gauging quality of degree programs?
 - ii) Do the standards miss some important aspects related to the production of quality graduate like professional skills/practicals trainings/emphasis in field work in teaching, etc.?
 - iii) Do the evaluators have become lenient while accrediting the degree programs?
 - iv) Do NAEAC need to add and/or delete some standards from toolkits?
 - v) Do NAEAC need to increase evaluators capacity by incorporating training?
 - vi) Do NAEAC need more support from HEC to prevail and implement program evaluators decisions?
7. While responding the questions raised by the Chairperson, the honorable members suggested that curriculum should be revised as per industrial needs with enhanced professional courses and dedicated but paid internship. In addition to this it was agreed to review the current toolkit of NAEAC and for that purpose Chairperson was authorized by the Council Board to manage the toolkit revision by organizing a relevant committee.
8. After the introductory remarks by the Chair and introduction of all members, Secretary, NAEAC presented item-wise agenda of meeting for consideration and approval. A summary of decisions taken in the meeting is given below:

Agenda Item#1:

Confirmation of Minutes of 17th Council Meeting

9. Minutes of 17th meeting of the Council presented for confirmation of the council members.

Decision: *In absence of any note by honorable members minutes of the 17th Council Meeting were unanimously approved as presented.*

Agenda Item#2:

Implementation Status of Last Council Meeting and Action Taken

10. Secretary NAEAC presented implementation status of last council meeting and status of action taken for the information of council members.

Decision: *The council members expressed their satisfaction on implementation.*

Agenda Item No #3:

Consideration/Approval for Creation of Endowment fund for Investment

11. In 17th council meeting held on August 23, 2021 in Higher Education Commission (HEC) H-9, Islamabad, it was suggested by honorable members to develop an endowment fund of NAEAC for future sustainability of the council. From the last 10 years, Council is receiving Rs.4.00 million / year from Higher Education Commission (HEC) Islamabad vide letter No. QAA/Council/HEC/2012/93 dated 14-16-2012 for its financial sustainability and current FY 2021-22 is the last year. Accordingly council has planned to improve its financial health on sustainable basis by expanding activities including addition of new disciplines, increasing accreditation fee, registration of agriculture graduates and reducing the cost of accreditation by adopting paperless accreditation through a software developed indigenously. However, creation of endowment fund for saved money will be the key to keep council financially healthy, accordingly finance office of NAEAC prepared a framework to create endowment fund for investment.

12. There are two types of banks for placement of funds, conventional banks and Islamic banks. In conventional banks, fixed rate of interest is being given to investor and in Islamic bank, ownership remains with bank and reward bear by the bank as owner of assets. So for the placement of funds, some quotations were called from AAA rated banks under Pakistan Credit Rating Agency (PACRA) updated credit rating of banks as of July 12, 2021. Call for quotations send to six financial institutions viz a viz Allied Bank Limited, United Bank Limited, Muslim Commercial Bank Limited, National Bank of Pakistan, Habib Bank Limited and Al-Meezan Investment Bank Limited. Within a given time two quotations were received, one from United Bank Limited and second from Al-Meezan Investment Management Limited. Al-Meezan Investments rate is competitive due to High Returns, daily profit calculation, compounding effect and no charges on premature withdrawal.

Decision: Honorable council members agreed in principle to establish an endowment fund as earlier, however, asked the council secretariat to get opinion of finance division and law division of HEC whether a delegators body can establish endowment fund and then put the case in next council board meeting for final approval.

Agenda Item No.#4:

Consideration/Approval for Enhancement of NAEAC Contractual Employees Salary Package

13. The chairperson apprised honorable members that contractual employees joined the NAEAC secretariat in the month of September, 2020. All NAEAC contractual employees have requested for enhancement of salary package based upon inflation. In pursuance of the decision of NAEAC taken in its 17th Council meeting agenda item 13, held on August 23, 2021, Ad-Hoc Relief Allowance- 2021 @ 10% of basic pay has been approved by the honorable members and granted to NAEAC employees with effect from 1st July, 2021. Following is the details of contractual employees salary package after granting 10% of basic pay Ad-Hoc Relief Allowance- 2021:

Sr. No	Name and Designation	Previous Pay Rs.	Existing Pay Rs.
1	Dr. Abdul Ghaffar Secretary (BPS-19)	85,000	90,921
2	Mr. Kausar Saeed Awan Deputy Director Coordination (BPS-18)	65,000	68,835
3	Mr. Malik Arshad Assistant Director Admin & Finance (BPS-17)	50,000	53,037
4	Mr. Muhammad Faraz Afzal Assistant Director Coordination (BPS-17)	45,000	48,037
5	Mr. Zafar Ali Software Engineer/Web Developer (BPS-16)	40,000	41,891
6	Mr. Muhammad Shafqat Office Attendant/Dispatch Rider (BPS-5)	25,000	26,026

14. In view of the above, existing pay package is less compared to market competitive salary even after increasing 10% of basic pay Ad-Hoc Relief Allowance-2021. The inflation rate, dollar exchange rate and high prices of daily routine food items compelled the NAEAC employees to request NAEAC Board to consider a suitable increase in pay package.

Decision: The honorable members authorized the chairperson to develop basic pay scale wise model with annual increment. The Chairperson made the following slabs for each contractual employee to be effective from July each year. However, for new employees at least one year service would be essential for the grant of annual increment.

Sr. No	Name and Designation	Existing Pay Rs.	Annual Increment	Total Pay Rs.
1	Dr. Abdul Ghaffar Secretary (BPS-19)	90,921	14,000	104,921
2	Mr. Kausar Saeed Awan Deputy Director Coordination (BPS-18)	68,835	10,000	78,835
3	Mr. Malik Arshad Assistant Director Admin & Finance (BPS-17)	53,037	10,000	63,037
4	Mr. Muhammad Faraz Afzal Assistant Director Coordination (BPS-17)	48,037	10,000	58,037
5	Mr. Zafar Ali Software Engineer/Web Developer (BPS-16)	41,891	8,000	49,891
6	Mr. Muhammad Shafqat Office Attendant/Dispatch Rider (BPS-5)	26,026	5,000	31,026

Agenda Item No. 5:

Inauguration of Agriculture Accreditation Automation System of NAEAC

15. Chairperson apprised the honorable members regarding the development of Agriculture Accreditation Automation System (AAAS) where accreditation related activities will be managed efficiently in an environment friendly manners.

Decision: With the permission of all honorable members Mr. Zafar Ali (Software Engineer) inaugurated this system by pushing the button prepared for this purpose.

Agenda Item No. 6:

Follow-up Mechanism for Ensuring Actions against Actionable Recommendations

16. Secretary briefed the need of follow up to ensure that AIC actionable recommendations are considered by host institution more seriously, a follow up proforma is developed as below:

Proforma for follow-up of action taken against actionable recommendations

- 1) Name of HEI
- 2) Name of Faculty
- 3) Name of Department/Institute
- 4) Degree Program
- 5) Date of Visit
- 6) Program Evaluator Name
- 7) Type of visit

Summary of recommendations and action taken

Sr. No	AIC Actionable Recommendations	Action Taken by Host Institution
1		
2		
3		

Decision: After a thorough discussion above proforma was approved for communicating with host institutions at least twice a year

Agenda Item No. 7:

Uniform Nomenclature of Undergraduate/Postgraduate Degree Programs in Agriculture and Allied Disciplines

17. Issue of uniform nomenclature of undergraduate agriculture and allied degree programs was discussed earlier in 16th council meeting under agenda item no.18 for which Chairperson informed that B.Sc. (Hon.) degree is already equated to BS by HEC. Later, Quality Assurance Division suggested NAEAC to get opinion of honorable members on adoption of international uniform nomenclature as BS instead of B.Sc. (Hons) agriculture. This will help uniformity in professional as well as general education.
18. The honorable members pointed out that all service rules and service structure has embedded with basic degree of B.Sc. (Hons) agriculture so if we change it to BS it will need either to revise all service rules of all provinces or HEC again has to issue an equivalence certificate.

Decision: B.Sc. (Hons) nomenclature should be continued to avoid any problems in hiring of Agriculture & Allied disciplines graduates.

Agenda Item No. 8:

Revival of NCRC by HEC

19. HEC has revived the activities of NCRC during current fiscal year. NAEAC also requested Advisor (Academics & Accreditation) for developing/reviewing curriculum of six new subjects in the purview of NAEAC. Advisor (Academics & Accreditation) assured the members that during the current fiscal year the curriculum will be revised of 6 new requested subjects.

Decision: Honorable members thanked the Advisor (Academics & Accreditation) for full support to develop unified curriculum of the new subjects.

Agenda Item No. 9:

Request from HND Experts of different HEIs regarding Suggestion for Accreditation of Human Nutrition and Dietetics Degree Programs

20. On behalf of HoDs/Chairpersons of HND related departments of different HEIs, Prof. Dr. Rubina Hakeem, Chief Nutritionist, Chairperson Nutrition Foundation of Pakistan and Head of Human Nutrition and Dietetics Department, Ziauddin University, Karachi has requested that in view of the public safety, before undertaking any accreditation activity, I would request the HEC authorities to kindly consider the following:
 - Distinguish between professional and nonprofessional programs in human nutrition and dietetics.
 - Consider graduates with degree in home economics with a major in dietetics as professional human nutritionist eligible to teach dietetics and human nutrition.
 - Include Home Economics with majors in nutrition in the accreditation scheme for professional nutritionists.
 - Update the current HEC approved curriculum as it is not made by HND experts and has serious lacking as per international standards of dietetic education.
 - Relevant subject experts must be involved in development and approval of the curriculum, in order to safeguard the future of professionals in Human Nutrition and Dietetics.

21. Dr. Rubina Hakeem, on special invitation, participated (online) in the council board meeting and she emphasized to develop unified curriculum for HND and distinguish between food technologist and human nutritionist/dietitian. She also emphasized the evaluators panels must be from proper cadre and not merely food technologist.

Decision: Honorable members appreciated the concern and reiterated that HND and FST will be considered as separate entities for the accreditation with proper standards

Agenda Item No. 10:

Eligibility Criteria/Admission Requirements for Undergraduate Agriculture and Allied Degree Programs

22. Secretary briefed the honorable members that some agriculture DAIs have different eligibility criteria/admission requirements for undergraduate agriculture and allied degree programs. It is proposed that the minimum eligibility criteria and admission requirements for undergraduate agriculture and allied degree programs may be unified in all DAIs. Hence draft eligibility criteria and admission requirements for undergraduate degree programs were discussed in detail and approved as follows.

Eligibility Criteria

- Minimum 50% aggregate marks each in SSC and HSSC or equivalent exams (as per IBCC equivalence).
- Candidates of O/A Level or any other foreign equivalent qualification can apply on the basis of O Level (SSC) equivalence certificate obtained from IBCC office but confirmation of their admission is subject to provision of A Level (HSSC) equivalence certificate duly obtained from IBCC, Pakistan with minimum 50% marks.

23. Academic qualification needed for different programs is as follows:

Degree Programs	Academic Qualification
Agricultural Biotechnology/Agricultural Chemistry/Agricultural Economics/Agricultural Education and Extension/Agricultural Entomology/Agronomy/Animal Science/ Climate Change/Climate Studies/Crop Physiology/Dairy Sciences/Dairy Technology/Environmental Science/Fisheries and Aqua Culture/Food Science and Technology/Forestry and Range Management/Horticulture/ Marketing and Agribusiness/Plant Breeding and Genetics/Plant Pathology/ Plant Protection/ Poultry Science/Seed Science and Technology/ Soil Science/ Weed Science/Wildlife Management	<ol style="list-style-type: none"> 1) Intermediate Science (Pre-Medical/Pre-Engineering) with 50% marks 2) Intermediate (Pre-Agriculture) with CGPA 2.20 3) A level or any other foreign equivalent, qualification approved by IBCC having minimum 50% marks
Human Nutrition and Dietetics/ Nutritional Sciences/ Nutrition and Dietetics	<ol style="list-style-type: none"> Above 1, 2, 3 and 4) Intermediate Science (Pre-Medical and Home Economics), A-Level (Biology mandatory) or equivalent with 50% marks

Decision: *Honorable members agreed the admission criteria as proposed.*

Agenda Item No. 11:

Registration of Students from Non-Accredited HEIs

24. Secretary apprised the honorable members of council board that under the guidance of board, the registration of students related to agriculture and allied disciplines has been initiated. Now guidance from honorable members is requested to differentiate between accredited and non-accredited institutions. After thorough discussion it was agreed that registration of agriculture graduates will be continued and to differentiate between substandard categories Y & Z the word “non-accredited” and for newly registered programs the word “not yet accredited” will be printed on the cards.

Decision: *Honorable members agreed to award registration numbers to the students of non-accredited HEIs with the suggestion that there must be a differentiation between accredited and non-accredited institutions by writing “non-accredited” for Y & Z and “not yet accredited” for newly registered programs on the registration card.*

Agenda Item No. 12:

Parent and Student Alert

25. Secretary informed the honorable members that as per decision of 14th and 17th council meetings, 8 new emerging disciplines of agriculture and allied sciences were added under scope of NAEAC. According to NAEAC bylaws under clause 8 (b) “Accreditation shall be a mandatory process for all relevant academic programs offered by public and private sector institutions. The incentive for obtaining such accreditation shall be enhanced recognition in the agriculture community and prospective students.” Accordingly council initiated accreditation process of these disciplines in different HEIs across Pakistan. Some HEIs responded and accreditation related activities started through mutual consent but some DAIs are reluctant/unresponsive. For this purpose a parent and student alert is prepared for publishing in print and digital media and placed under Annexure-II.

Decision: *Agenda item was approved unanimously as proposed.*

Current Work Agenda Item No.1:

Dedicated Internship (preferably paid) in 8th Semester of Undergraduate Degree Programs in agriculture and allied disciplines

26. Chairperson highlighted importance of paid internship (in 8th semester) in agriculture and allied disciplines where hands on training has its significance for development of skills in the graduates. Therefore since the creation of HEC internship program was mandated for professional degree programs. However, in 2014 while NCRC meetings were convened and the contributors from Sindh, Khyber Pakhtunkhwa and Balochistan requested to transfer the internship as optional feature due to law and order situation in their provinces. By the grace of Allah now the law and order situation have been improved. Accordingly so many progressive institutions have already mandated the internship again for the completion of degree program.
27. After thorough discussion honorable members, keeping in view the importance of internship, unanimously decided to re-implement the internship (preferably paid) in 8th semester to complete the professional degree in all agriculture and allied disciplines in the country.

Decision: Agenda item was approved as proposed unanimously.

Current Work Agenda Item No.2:

Creation of Post Assistant Director (Registration) (BPS-17)

28. Chairperson apprised the council members that NAEAC Board has mandated council to register currently enrolled students in all agriculture and allied disciplines including the new emerging disciplines like HND, Poultry Science and Environmental Sciences etc. The current manpower has specific assignments and it seems difficult to undertake the registration of students and card preparation assignments with the existing manpower. Therefore, honorable members are requested to allow creation of Assistant Director Registration post for undertaking registration along with other activities simultaneously.

Decision: The honorable members approved the creation of one post of Assistant Director (BPS-17) (Registration).

29. At the end the Chairperson thanked all the members for participation and emphasized that the decisions taken in the council board meeting will lead in improving education system over the years.



List of Participants of 18th Council Meeting

1. **Prof. Dr. Ishtiaq Ahmad Rajwana**, Chairperson NAEAC
2. **Prof. Dr. Fauzia Yusuf Hafeez**, Vice Chairperson NAEAC
3. **Prof. Dr. Aman Ullah Malik**, Dean, Faculty of Agriculture, University of Agriculture, Faisalabad
4. **Prof. Dr. Ahmad-Ur-Rahman Saljoqi**, Dean, Faculty of Crop Protection Sciences, UAP
5. **Prof. Dr. Fayyaz ul Hassan**, Dean, Faculty of Crop and Food Science, PMAS AAU, Rawalpindi
6. **Prof. Dr. Qamaruddin Chachar**, Dean, Faculty of Crop Production, SAU, Tandojam
7. **Prof. Dr. Shafqat Saeed**, Dean, Faculty of Agriculture & Environmental Sciences, MNSUA, Multan
8. **Dr. Tamoor Khan**, Dean, Faculty of Agriculture, LUAWMS, Uthal
9. **Prof. Muhammad Aslam Niazi**, Principal, Balochistan Agriculture College, Quetta
10. **Mr. Muhammad Nawaz Khan**, Director General, Ayub Agriculture Research Institute, Faisalabad
11. **Dr. Muhammad Javed**, Director General, Agriculture Research Institute, Baluchistan
12. **Dr. Muhammad Anjum Ali**, Director General, Agriculture (Extension & AR), Agriculture Department, Punjab
13. **Mr. Malik Nasir**, Director, Planning, Agriculture Extension, Agriculture Livestock Fisheries & Cooperative Department, Khyber Pakhtunkhwa
14. **Ms. Nighat Jawwad**, C.E.O, Food Tech Solutions YUMZ (PK), Lahore
15. **Mr. Faisal Shahid**, Managing Director, Faisal Group of Industries, Multan
16. **Mr. Noor Muhammad Baloch**, Director General, Agriculture Research Sindh, Tandojam
17. **Mr. Allah Warayo Rind**, Additional Director General, Planning of Monitoring Cell, Agriculture Supply and Prices Department, Sindh

Proxy:

1. **Miss Sana Khaliq**, PSO/Registrar, PIASA, NARC, Islamabad
2. **Dr. Muhammad Musa**, Director General, Agriculture Research Institute Khyber Pakhtunkhwa, Peshawar
3. **Ms. Humaira Quddus**, Director/In-Charge, QAA, HEC, Islamabad

Apologies:

1. **Mr. Khawaja Muhammad Mohsin Masood**, Director, Mahmood Group of Industries, Kabirwala
2. **Dr. Sayed Zaheer Hussain**, Joint Scientific Adviser, Ministry of Science and Technology, Islamabad.
3. **Mr. Asif Majeed**, President, Evyol Group of Companies, Multan

NAEAC Secretariat Staff:

1. **Dr. Abdul Ghaffar**, Secretary
2. **Mr. Abdullah**, IT Coordinator
3. **Mr. Kausar Saeed Awan**, Deputy Director, Coordination
4. **Mr. Malik Arshad**, Assistant Director, Admin & Finance(online)
5. **Mr. Muhammad Faraz Afzal**, Assistant Director Coordination
6. **Mr. Zafar Ali**, Software Engineer/Web Developer
7. **Mr. Muhammad Shafqat**, Dispatch Rider

Annexure-III

Annual Audit Report of NAEAC, 2021-22



Building No, H - 1, Street 8,
Abu Bakar Market,
Sector G11/1, Islamabad
Pakistan
t : + 92 51 2308271 - 72
e : info@thezmk.com
w : https://thezmk.com

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL

Opinion

We have audited the financial statement of National Agriculture Education Accreditation Council which comprise the Receipt and Expenditure Statement (here-in after referred to as the financial statement) for the year then ended, and notes to the financial statement, including a summary of significant accounting policies.

In our opinion, the accompanying financial statement of the National Agriculture Accreditation Council is prepared, in all material respects, in accordance with cash receipts and expenditure basis of accounting described in note 3 to the financial statements.

Basis for Opinion

We conducted our audit in accordance with the International Standards on Auditing (ISAs) as applicable in Pakistan. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the 'National Agriculture Education Accreditation Council' in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants as adopted by the Institute of Chartered Accountants of Pakistan (the Code) and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statement

The Management is responsible for the preparation of the financial statement in accordance with cash receipts and expenditure basis of accounting described in note 3 to the financial statement, and for such internal control as the Management determine is necessary to enable the preparation of the financial statement that is free from material misstatement, whether due to fraud or error.

In preparing the financial statement Management is responsible for assessing the National Agriculture Education Accreditation Council ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless Management either intends to liquidate the National Agriculture Education Accreditation Council or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the National Agriculture Education Accreditation Council financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statement

Our objectives are to obtain reasonable assurance about whether the financial statement as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs as applicable in Pakistan will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial statement.

— Tmk





**ZIA
MASOOD
KIANI & Co.**
Chartered Accountants

As part of an audit in accordance with ISAs as applicable in Pakistan, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statement, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit 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 National Agriculture Education Accreditation Council internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the National Agriculture Education Accreditation Council ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statement or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the National Agriculture Education Accreditation Council to cease to continue as a going concern.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

ISLAMABAD

Date: September 12, 2022

UDIN: AR202210137ANpDCT50

Zia Masood Kiani & Co.

ZIA MASOOD KIANI & CO
(Chartered Accountants)

Engagement Partner
ZIA ULLAH-FCA



gmni
member

partnering for success

an association of legally independent accounting firms

NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL

RECEIPTS AND EXPENDITURE STATEMENT FOR THE YEAR ENDED JUNE 30, 2022

		2022
	Note	(Rupees)
Receipts	4	17,111,500
Expenditure		
Establishment costs		5,070,627
Honorarium for program evaluators		1,010,500
Honorarium for staff		665,000
Travel and daily allowance		1,999,445
Transportation		260,033
Vehicle expense		16,650
Communication		73,988
Stationery and other supplies		61,839
Printing and publications		403,344
Miscellaneous expense (OE & RM)		69,775
Computer and office equipment		468,030
Audit expense		41,090
Meeting and seminars		209,290
		10,349,611
Excess of Receipts over Expenditure		6,761,889

The annexed notes from 1 to 7 form an integral part of these financial statements.

CHAIRPERSON
Dr. Ishtiaq A. Rajwana

ASSISTANT DIRECTOR ADMIN & FINANCE
Malik Arshad

**NATIONAL AGRICULTURE EDUCATION
ACCREDITATION COUNCIL**
**NOTES TO THE RECEIPTS AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED JUNE 30, 2022**

Note 1**Council and its Operations**

National Agriculture Education Accreditation Council (NAEAC) was established by Higher Education Commission (HEC) in October, 2006. Its 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 Statement has been prepared in accordance with the basis of accounting as described in Note 3.

Note 3**Basis Of Preparation**

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

Note 4**Receipts**

		2022
	Note	Rupees
Annual grant from Higher Education Commission		4,000,000
Accreditation fee	4.1	7,630,000
Zero Visit/ Pre-Accreditation fee	4.2	1,805,000
Awareness Seminar Fee	4.3	3,200,000
Registration Income	4.4	476,500
		17,111,500

4.1 Accreditation fee

Karakoram International University	260,000
PMAS Arid University, Rawalpindi	400,000
University of Swat	100,000
Amir Muhammad Khan Campus Mardan (UAP)	300,000
University of Sargodha	620,000
The Islamia University, Bahawalpur	100,000
University of Agriculture Faisalabad (UAF)	400,000
Sindh Agriculture University, Tandojam	700,000
The University of Agriculture, Peshawar	300,000

Tmk

NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL
Notes to the Receipts and Expenditures Statements

Page 3 of 5

Note 4.1, Accreditation Fee - Continued..

Jinnah University for Women, Karachi	300,000
SZABAC, Dokri	400,000
Bahauddin Zakariya University (BZU), Multan	200,000
Sindh Agriculture University, Sub-Campus Umerkot	300,000
GC University Faisalabad, Layyah Campus	250,000
KFUEIT-Rahim Yar Khan	100,000
MNS University of Agriculture, Multan	700,000
Gomal University, D.I. Khan	100,000
Institute of Agricultural Sciences (IAGS), Lahore	200,000
University of Central Punjab, Lahore	300,000
Ghazi University, D.G. Khan	500,000
Bacha Khan University, Charsada	300,000
University of Sindh, Jamshoro	100,000
University of Poonch, Rawalakot	200,000
University of Haripur	100,000
Abdul Wali Khan University, Mardan	400,000

7,630,000
4.2 Zero Visit/ Pre-Accreditation fee

Karakoram International University	80,000
Dadabhai Institute of Higher Education Commission	125,000
UAF Sub-Campus Toba Tek Singh	300,000
KFUEIT-Rahimyarkhan	300,000
Gomal University, D.I. Khan	400,000
The University of Agriculture, D.I.Khan	400,000
Hazara University, Mansehra	200,000

1,805,000
4.3 Awareness Seminar Fee

Islamic International Institute of Science	50,000
Women University Mardan	50,000
Gomal University, D.I. Khan	50,000
The Superior University, Lahore	100,000
Abasyn University, Islamabad Campus	100,000
COMSATS University Islamabad, Sahiwal Cam	100,000
The University of Lahore	100,000
Iqra University, Chak Shahzad-Islamabad Campus	100,000
COMSATS University Islamabad, Abbottabad	100,000
The Islamia University, Bahawalpur	100,000
MNS University of Agriculture, Multan	100,000
The University of Agriculture, Peshawar	100,000
The Women University, Multan	100,000
Karakoram International University	100,000
Afro-Asian Institute, Lahore	100,000
University of Gujrat	100,000
Bahudin Zakria University, Multan	100,000
Nishtar Medical University, Multan	100,000
PAQSJIMS, Gambat	100,000
Ziauddin University Karachi	100,000
GC University Faisalabad, Layyah Campus	100,000
KFUEIT-Rahimyarkhan	100,000
Command College Sahiwal	100,000
UVAS, Lahore	100,000
University of Home Economics, Lahore	100,000
Sindh Madressatul Islam University	100,000

NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL*Notes to the Receipts and Expenditures Statements*

Page 4 of 5

Note 4.3, Awareness Seminar Fee - Continued..

Mirpur University Of Science & Technology, Bhimber	100,000
The University of Agriculture- D.I.Khan	50,000
Ghazi University, D.G. Khan	100,000
Mirpur University of Science & Technology	100,000
ISCS, University of Punjab, Lahore	100,000
University of Sindh- Jamshoro	100,000
University of Poonch, Rawalakot	100,000
Minhaj University, Lahore	100,000
	3,200,000

4.4 Registration Income*Agriculture Graduates*

Shaheed Benazir Bhutto University, Sheringal	17,000
IAGS, Lahore	42,500
Gomal University, D.I. Khan	4,000
University of Central Punjab, Lahore	11,000
Karachi Korangi Branch	22,500
University of Sargodha	114,500
UVAS, Lahore	89,000
University of Management & Technology, Lahore	59,000
UAF Sub-Campus Toba Tek Singh	31,500
GC University Faisalabad, Layyah Campus	64,000
Abasyn University- Islamabad Campus	1,500
	456,500
<i>Professional Agriculturist</i>	20,000
	476,500

Note 5

Variance Analysis

	Budgeted	Actual	Variance	
	Rupees	Rupees	Rupees	Percentage
Establishment costs	5,682,219	5,070,627	611,592	11%
Honorarium for program evaluators	1,280,000	1,010,500	269,500	21%
Honorarium for staff	1,000,000	665,000	335,000	34%
Travel and daily allowance	2,600,000	1,999,445	600,555	23%
Transportation	300,000	260,033	39,967	13%
Vehicle expense	25,000	16,650	8,350	33%
Communication	100,000	73,988	26,012	26%
Stationery and office supplies	100,000	61,839	38,161	38%
Printing and publications	500,000	403,344	96,656	19%
Other Misc. expenses (OE & RM)	300,000	69,775	230,225	77%
Computer and office equipment	500,000	468,030	31,970	6%
Furniture & fixture	50,000	-	50,000	100%
Audit expense	50,000	41,090	8,910	18%
Publicity & advertisement	300,000	-	300,000	100%
Meetings/ seminars	600,000	209,290	390,710	65%
	13,387,219	10,349,611	3,037,608	

NATIONAL AGRICULTURE EDUCATION ACCREDITATION COUNCIL

Page 5 of 5

Notes to the Receipts and Expenditures Statements

Note 6

Cash and Bank

	Note	2022 Rupees
Cash in hand		4,200
Cash at bank		
Current account		14,012,932
		<u>14,017,132</u>

Note 7

General

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

7.2 These financial statements were authorized for issue by council on 19-08-2022.

CHAIRPERSON

Dr. Ishtiaq A. Rajwana

ASSISTANT DIRECTOR ADMIN & FINANCE

Malik Arshad

Annexure-IV

Picture Gallery



17th Meeting of NAEAC



18th Meeting of NAEAC



Visit of AIC to University of Swat



Visit of AIC's to Arid Agriculture University Rawalpindi



Visit of AIC's to BZU Multan



Visit of AIC's to KIU, Gilgit



Visit of AIC's to Gomal University D.I. Khan



Visit of AIC's to SAU Sub Campus Umerkot



Visit of AIC's to Shaheed Z.A. Bhutto Agriculture College Dokri



Visit of AIC's to University of Poonch Rawalakot



Visit of AIC's to Ghazi University D. G. Khan



Visit of AIC's to KFUEIT Rahim Yar Khan



Visit of AIC's to University of the Punjab Lahore



Awareness Seminar at Women University Swabi



Awareness Seminar at UVAS Lahore



Awareness Seminar at Islamic International Institute of Sciences Multan



Awareness Seminar at University of Lahore



Awareness Seminar at Abasyn University Islamabad Campus



Awareness Seminar at Women University Mardan



Awareness Seminar at Iqra University Chak Shahzad Islamabad



Awareness Seminar at University of Home Economics Lahore



Awareness Seminar at University of the Punjab Lahore



Awareness Seminar at University of Poonch Rawalakot



Awareness Seminar at Women University Multan