



**Report of the  
Accreditation Inspection Committee  
(AIC)**

**AIC Team:**

**Prof. Dr. Muhammad Bismillah Khan  
Dr. Nihal-ud-Din Marri**

**Convener  
Member**

**Agronomy  
Degree Programme at Shaheed Z.ABhutto  
Agriculture College Dokri, Larkana**

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## **Acknowledgment**

We acknowledge the support and spirit of cooperation of the Principal/HODs, teaching staff and students, Shaheed Zulfqar Ali Bhutto Agriculture College, Sind Agriculture University, Tando Jam.

Mr. Naseer Alam Khan, Secretary, NAEAC and his staff is highly acknowledged for efficient, timely arrangement and all other logistic support for external evaluation and accreditation.

## **Accreditation Inspection Committee (AIC), NAEAC**

## **Executive summary**

Shaheed Z.A.Bhutto Agriculture College Dokri (SAUTando Jam) was established in 1991. Teaching block of the college is one unit .Class rooms, laboratories and offices of the faculty are on both sides of central cooridor. All the 7 sections of the college are in this block and it is sufficient for the present faculty and current enrolment of the students. Administrative block is 50 meter away comprised of Principal Office, offices of the secretarial staff, committee room and seminar Hall. There is one hostel for male students of the college and 42 residences in college colony. Only 50% residences are occupied while other 50% lying vacant due to security risk. It is surprising that at the age of 24 years there is only one Ph. D. teacher and not a single Professor/Associate professor in the whole college. It is further stated that none of the faculty member has any research project on his credit. What to talk of students, offices of the all the faculty members completely lack the facility of internet connection. **No computer lab in this department.** Neither teachers nor students are provided lap tops. There is not even a single set of recommended books covering undergraduate curriculum in agronomy (booklet HEC) in the college library. Other books in the library are decades old. Similarly no subscribed periodic/journal is available.

There is no faculty development program in place. Students seem disappointed for academic and extra-curricular activities. Department has one sub standard laboratory, another central lab. is for the whole college. Research area is poorly developed and not provided canal water for irrigation and thus not properly managed. This area needs especial attention to be fit for conducting research experiments. Health, students' residence, supports and transport facilities are insufficient and substandard. Even College has not an ambulance for emergency cases. Hall is there but mess is not working. Hostel lacks facility for indoor games. Similarly site is there but no play ground .Team did not find working common room in the hostel

The college is situated 300 km away from SAU, Tandojam and has very week administrative/financial setup. There is a dire need of a senior professor working as principal with administrative and financial powers to run this college affectively and efficiently. Presently principal had to get approval from the University for day today needs.

Present scenario demands a lot of administrative/financial and academic improvements to bring the college up to the level of other degree awarding institutions. In the light of above mentioned circumstances it is suggested to immediately improve the present set up particularly Ph.D. faculty, well-equipped laboratories, research farm, I.T laboratory, provision of laptops to the faculty and students.

## **Introduction**

The Accreditation Inspection Committee (AIC) of National Agriculture Education Accreditation Council (NAEAC) visited Shaheed Z. A. Bhutto Agriculture, College (SZABAC) Dokri, Larkana on March 31, 2014. The objective was external assessment and accreditation of agronomy degree programme

For the development of site-specific package of technology for different on the basis of specific soil and ecological conditions of the region, SZABAC was established 24 years ago in 1991 at Dokri. College offers bachelor programmes in seven subjects viz. Agronomy, Soil Science, Plant Breeding & Genetics, Horticulture, Entomology, Pathology and Plant Pathology.

## **Criterion Wise Analysis**

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

Principal of the SZABAC is from the discipline of Agronomy. He has long experience in his credit but his qualification is M.Sc.(Hons.) Including Principal, faculty in Agronomy is comprised of five members and they are all Assistant Professors. The only Ph.D. faculty member in the whole college belongs to this discipline. It was known that recently teachers hardly published their work in the HEC recognized or non recognized journals.

Class room space is sufficient, however, lacks facility of multimedia. White boards are being used for explanations during lectures. The faculty believes in dialogue and discussion.

### **Infrastructure and Learning Resources**

There are two class rooms in this department. These are fulfilling the present need because upto 4<sup>th</sup> semester there is joint class at college level. This facility is sufficient for the current enrolment. One laboratory, with the capacity of 20 students is also available but in shortage of equipments and chemicals. The condition is further miserable as most of the time electricity supply remains disconnected. It is not possible to conduct controlled experiments in growth chambers etc, because such experiments demand uninterrupted electricity supply. Library is being managed at college level. Though there are 4000 books in the library with few hundred relevant to subject and most of them are very old. There is not even a single set of recommended books (Latest edition) covering undergraduate curriculum. No online access is available to digital library. No regular

journal (HEC recognized/non recognized National/ International is subscribed. There was working atmosphere (peaceful calm and quite) in library.

Faculty has proper sitting facility at present level but insufficient senior faculty is in place. Computers and internet facilities are available for faculty, and need to be further expanded to bring in reach of students.

The Campus has an area of 50 acres reserved for research for all the disciplines of the college but canal water is not available for irrigation. Presently there is need of especial attention to make this farm fit for practical work and conducting research trials.

## **SWOT Analysis**

### **1. Major strengths**

1. The faculty has long experience of teaching/research.
2. There is demand of agronomy graduate both in Govt./private sector

### **2. Major weakness**

1. Absence of senior faculty in agronomy.
2. Only one faculty member holds Ph.D. degree.
3. Internet connection is not available even for the faculty.
4. Most of the time electricity supply remains disconnected.
5. Insufficient farm machinery and implements. Presently farm is misfit for practical work.
6. Quality of lab equipment is inadequate.
7. Library facility is poor.
8. Merit of intake (F.Sc.) is very low

## **Actionable Recommendations**

1. Senior faculty at least one professor and two associate professors having Ph.D. qualification may be appointed on regular/TTS basis immediately for consistency and stability.
3. Research area may be provided canal water for irrigation. Tractor drawn implements and materials to drain out the excessive water from the area may be ensured.
4. Laboratories upgradation demands full time supply of electricity, latest equipments and chemicals for controlled condition experiments. Moreover operational funds may be provided for demonstration/practical work.
5. Internet connected computer laboratory may be established. It is further recommended that this facility must be provided to the facility in offices and students at campus and in the the hostel.

3. Presently labs do not have skilled supporting staff having relevant qualification. Therefore qualified skilled supporting staff may be recruited for operating the latest equipments whenever supplied.
4. Budget of the college may be approved by Sind Agriculture University, Tandojam however, principal of the college may be provided drawing and disbursing powers.

In the light of above facts it is suggested that programme may be accredited subject completion of recommendations to meet the criteria set by NAEAC.

## **Final Recommendation**

Full time senior faculty must be appointed. Library, Laboratories and research area must be upgraded. Provision of internet facility and electricity supply must be ensured prior to accrediting the programme.

## **Signatures of AIC Members**

<b>Name and Designation</b>	<b>Signatures</b>
1- Professor Dr. Muhammad Bismillah Khan Department of Agronomy, Bahauddin Zakariya University, Multan	Convener
2- Dr. Nihal-ud-Din Marri Sugarcane Specialist, Director General of Agricultural Research, Sindh Tandojam	Member

**Name, Qualification and experience of faculty and support staff:**

**Faculty:**

Separate list for Agronomy faculty was not given SAR and even not provided during visit.

*Annexure-II*

**Technical staff:**

Separate list of Technical staff (Agronomy) was not given in SAR and even not provided during visit.

*Annexure-III*

**Supporting staff:**

Separate list of supporting staff (Agronomy) was not given SAR and even not provided during visit.

*Annexure-IV*

**List of books (Subject of Agronomy)**

Separate list of supporting staff (Agronomy) was not given SAR and even not provided during visit.

*Annexure-V*

**List of equipments (Agronomy)**

Separate list of equipments in the labs to be used in agronomy was not given in SAR report and not even provided during visit.

Information required to be given in annex from I to V was provided at college level.

Same is attached herewith.

*Annexure-VI*

**Terms of References of the Committee (TORs)**

Members of AIC visited the Bahadur Campus, Layyah, on March 31, 2014. The objective was:

- To validate the requisite information for external assessment and accreditation of degree programs.
- To carryout external evaluation of the degree programs in a transparent, neutral, holistic and participatory manner for accreditation and rating of degree programs **based on evaluation criteria of NAEAC.**
- To submit synthesized and concise analytical report consisting of short introduction, brief criterion-wise analysis, **self-explanatory SWOT Analysis and explicit actionable recommendations** based on the validation SAR and interaction with the HOD, Faculty members, students and support staff and alumni as well as detail on-site visit of physical infrastructure, facilities and other teaching-learning resources available for the offering of degree programs.
- To submit clear, precise and justified actionable accreditation and rating recommendations about the degree programs to the Chairman NAEAC.



