



Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



Undergraduate Degree Program Review Worksheet

Shaheed Benazir Bhutto University, Shaheed Benazirabad, Nawabshah

Zero Visit for BS Computer Science-

Accreditation Inspection Committee (AIC) & Date of Visit

Convener - Noor Ahmed Shaikh (25 February 2025)

Overall Comments

AIC Team

Observations and Recommendations from Zero Visit of CS Program

During the recent zero visit, several areas for improvement were identified in the Computer Science program. Key observations and recommendations include:

1. Establish an Industrial Advisory Board to align academic programs with industry trends and needs.
2. Set up a dedicated hardware lab for hands-on learning and practical skill development.
3. Increase faculty strength to meet growing academic and research demands.
4. Develop clear policies for graduation requirements, including credit hours, internships, and project evaluations.

Note: Information presented here was provided by Accreditation Inspection Team and Institution.

5. Implement a structured career counseling framework to guide students on career paths and industry requirements.
6. Strengthen industrial linkages to enhance internship opportunities and industry-driven projects.
7. Further reinforce the Continuous Quality Improvement (CQI) process to ensure academic excellence and accreditation compliance.
8. Recruit additional faculty members to support quality education.
9. Develop and implement a replacement policy for computers in labs to ensure state-of-the-art technology

Institute

- The Computer Science Department propose vote of thanks to our esteemed experts suggestions and comments. No doubt these comments and observation uplift the department structure as well as impact on the university success. Moreover, the CS department will try to improve the suggested areas according to the expert comments with true spirit.

Institute

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Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



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Zero Visit

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BS Computer Science(-)

3 of 11



Criterion - Program Objectives (POs)

1. The institution has defined program objectives (POs) which are consistent with the vision and mission of the institution.

Satisfactory

AIC Team

Compliant

Institute

Thank you very much for this response and comment from our respected experts

Criterion - Graduate Attributes (GAs)

1. Graduate Attributes are clearly defined encompassing attributes outlined in Section D.5 of Seoul Accord Document. These have been adopted by institution's relevant statutory body.

Satisfactory

AIC Team

Compliant

Institute

Dear Sir,
Thanks for your support and comments.

2. The institution has mapped its GAs to the POs of the program.

Satisfactory

AIC Team

Compliant

Institute

Thanks for your satisfctiroy comments, as the CS department of SBBU-SBA mapped GA's with PLO.

Criterion - Curriculum and Learning Process

Note: Information presented here was provided by Accreditation Inspection Team and Institution.



Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



1. Curriculum is in compliance with program specific HEC curriculum guidelines. It:

Satisfactory

AIC Team

Compliant

Institute

Thanks for this comments and satisfactory response from experts.

2. Availability of program specific well-equipped labs to supplement theoretical knowledge/ classroom learning.

Concern

AIC Team

All the required labs are there, but a few have inadequate number of workstations for the expected intake strength.

Institute

Thanks for your comments. The department of Computer Science has written the application to the competent authority to update the Labs as suggested by the NCEAC experts.

Criterion - Students

1. Admission Policy meets / exceeds minimum eligibility criteria prescribed by NCEAC Regulations.

Satisfactory

AIC Team

Compliant

Institute

Thanks for your supportive comments, the department of CS already adopted the NCEAC policy during conduct of admission test.

2. Planned annual intake is in-line with NCEAC regulations.

Satisfactory

AIC Team

Compliant

Institute

Thanks for this comments and support.

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Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



- 3. Well documented policy on transfer of students only from other accredited program restricting transfer of less than 50% of credit hours required for the degree.**

Satisfactory

AIC Team

Compliant

Institute

Thanks for your satisfactory comments.

- 4. Manageable semester academic load (i.e. 15-18 credit hours on the average)**

Satisfactory

AIC Team

Compliant

Institute

Thank you very much, as the department of CS well balanced/Credit hours policy adopted in the semester system as suggested by NCEAC .

Criterion - Faculty and Support Staff

- 1. Faculty Strength as per NCEAC guidelines.**

Deficient

AIC Team

Less than the strength mandated in NCEAC rules.

Institute

we will write to the competent authority (WVC) regarding faculty strengthening into CS department as suggested by NCEAC experts.

Criterion - Facilities and Infrastructure

- 1. Adequacy of teaching and learning facilities, e.g. classroom environment and availability of various teaching aids, etc.**

Concern

AIC Team

Infrastructural facilities are reasonable, but not adequately maintained

Note: Information presented here was provided by Accreditation Inspection Team and Institution.

Institute

Dear Sir,

For your information, the SBBU-SBA has been started the construction of new Academic Building block III, very soon the building will be hand over to the CS department. I hope in the next visit of NCEAC this observation will be compliance.

2. Provision of program specific labs (as per curriculum), workshops, and associated lab equipment for complementing the class / theory work.

Deficient

AIC Team

The labs are inadequate in terms of availability of essential laboratory equipment

Institute

Thanks for this comments, the CS department write the application to the competent Authority regarding this observation. I hope they will provide the updated lab facilities regarding the labs.

3. Adequacy of library resources and facilities.

Satisfactory

AIC Team

Compliant

Institute

Thank you very much for this supportive comments.

4. Provision of sufficient computing facilities and internet access / resources allocated for the program.

Weakness

AIC Team

Limited computing and internet access

Institute

Thanks, as we have write the competent Authority to enhance the computing and Internet facility as observation given by NCEAC experts.

5. Adequacy of support facilities such as hostels, sports and recreational centers, health care centers, student centers, and transport facilities

Satisfactory

AIC Team

Note: Information presented here was provided by Accreditation Inspection Team and Institution.

Compliant

Institute

Thank for the satisficatory comments.

Criterion - Institutional Support and Financial Resources

1. Adequacy of institutional financial resources to ensure program's sustainability and meeting of recurring as well as developmental requirements.

Concern

AIC Team

Adequacy of financial resources for the recurring expense But Developmental budget for the program is not adequate / allocated

Institute

Shaheed Benazir Bhutto University. maitainns a structured fiancial mangement approach that ensure the sustainability of core operations and strategically address developement needs through internal planning, resouces optimization and policy developement.

Moreover for the budget:

For FY 2024-25, the university has projected total receipts of Rs. 1176.463 million, comprising.

. Opening Balance: Rs. 67.331 million

. Government Grant: Rs. 503.205 million

. Government of Sindh: Rs. 357.000 million

. HEC Islamabad- regular Recurring Grant: Rs. 146.205 million

University Receipts (Main Campus, Naushero Feroz, Hostel, Affiliated Colleges, Intrest Income:) 606.297 million.

Fee based revue from academic activities and investment income across campus.

Furthermore, the total recurring expenditure is estimated at Rs.881.054 million.

salary Expense: Rs. 487.885 million

Non- salary Expense: Rs. 393.169

This result in a projected recurring surpuls of 296.409 million, finally, the shared facts and figures shows that the SBBU-SBA has a sufficient funds to run the CS program smothly.

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Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



2. Evidence of continued financial commitment in the form of increasing endowment and recurring /development budget since last accreditation visit.

Weakness

AIC Team

Financial health in terms of Endowment fund, investments, etc

Institute

Shaheed Benazir Bhutto University (SBBU-SBA), has demonstrated sustained financial commitment and institutional foresight by developing a multi-pronged approach to resource planning-anchored in recurring budget management, internal investment and formal establishment of an Endowment fund.

1. Recurring Financial Strength:

. The University has projected receipt of Rs. 1117.463 million for FY 2024-25, against a recurring expenditure of Rs. 881,054 million, resulting in a recurring surplus of Rs. 296.409 million.

The Surplus reflects disciplined expenditure control and prudent use of institutional resources to meet the academic and administrative needs.

2. Endowment Fund Establishment:

. SBBU-SBA has formally initiated the process to register its Endowment Fund under the Sindh Trust ACT 2020 through RC & CO. Chartered Accountants.

. The Endowment Fund Policy has already been approved by the University Syndicate, and the Board of Trustees is being constituted.

. This initiative was endorsed during the 16th Finance & Planning Committee (FPC) meeting and recorded under the agenda Item No. 2 in the 17th FCP for institutionalization.

Criterion - Steps to Improve Program

1. Documented and institutionalized policies to review POs, GAs and CLOs after every semester/ academic year based on previous years' experience and feedback

Deficient

AIC Team

No documented policy in this regard exists.

Institute

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Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



The CS department of Shaheed Benazir Bhutto University, Shaheed Benazirabad is newly established department under faculty of Science & Technology. However, the CS department has been working in these areas which are highlighted by the experts. Hopefully, in the next accreditation visit we will try to fulfill said observation.

Criterion - Industrial and International Linkages

1. Existence of Industrial Advisory Board/Committee

Deficient

AIC Team

No Industrial Advisory Board exists, nor one is planned.

Institute

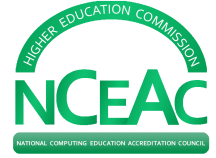
Dear Sir,

For your kind information, currently we have two batches (1st and 3rd Semester) at initial stages of CS degree program. The CS department already planned to formulate IAB and get approval from statutory bodies as soon as possible.

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Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



Verified Faculty Members

Sr. #	Name	CNIC/Passport	Institute Mentioned Contract Type	Last Qualification	Evaluator Assessed Contract Type
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29/07/2025 12:31:09 PM

BS Computer Science(-)

11 of 11