



KASBIT

Outcome of Program Review for Effectiveness and Enhancement (PREE) 2024–2025

Bachelor of Science in Computer Science (BSCS)

The Program Review for Effectiveness and Enhancement (PREE) 2024–2025 of the Bachelor of Science in Computer Science (BSCS) provided an opportunity to review key academic, student-support, employability, alumni placement, and research-related areas of the program. In response to the reviewers' observations, the department and relevant institutional offices undertook corrective measures to address the identified areas for improvement.

The corrective actions focused on four key areas: **alignment of Course Learning Outcomes (CLOs) with OBE requirements, strengthening internship opportunities for final-year students, enhancing placement support for BSCS alumni, and promoting research publications by faculty members.** Supporting documentary evidence has been maintained for the actions undertaken.

Note: The Annexures Referred can be found in the **Appendix A (Corrective Action Report of BSCS 4 Year SAR on PREE Standards for the year 2024 – 2025)**

1. Alignment and Standardization of Course Learning Outcomes

The review identified that, although the BSCS curriculum was well-defined, the number of CLOs should be limited to three to improve conformity with OBE software requirements.

In response, the department limited the CLOs to three and incorporated the revised structure into the relevant course outlines. The same approach was also reflected in the BSCS SAR documentation. Evidence of the revised BSCS course outlines and the relevant SAR documentation has been maintained as **Annexures 1.1 and 1.2.**

Outcome:

The corrective action has resulted in greater standardization of CLOs across the relevant BSCS course outlines and alignment of the course documentation with the identified OBE software



KASBIT

Outcome of Program Review for Effectiveness and Enhancement (PRE) 2024–2025

requirements. Incorporation of the revised CLO structure into the SAR further ensures consistency between course-level documentation and program-level quality assurance records.

2. Strengthening of Internship Opportunities for Final-Year Students

The review identified the need for the Placement Department to undertake initiatives to facilitate internship opportunities for final-year BSCS students.

In response, KASBIT strengthened its placement support mechanism through the use of a dedicated WhatsApp group for connecting students with reputed organizations. The institution also facilitated internship placements for a number of students, with the relevant placement information documented through a student placement list. Evidence of the placement WhatsApp group, Placement Portal, and student placement list has been maintained as **Annexures 2.1, 2.2, and 2.3.**

Outcome:

The corrective action has provided final-year BSCS students with additional channels for accessing internship opportunities and strengthened the institutional mechanism for communicating placement-related opportunities. The availability of placement records also provides documentary evidence of internship facilitation and student engagement with placement opportunities.

3. Strengthening Alumni Placement Support

The review identified the need for the CSIS Department to undertake efforts to support the placement of alumni in reputed organizations.

In response, the Placement Department undertook various efforts to support alumni placement and organized a Mega Job Fair for students. The institution also maintained a Placement Portal to facilitate access to employment and placement opportunities. Documentary evidence of the Job Fair and Placement Portal has been maintained as **Annexures 3.1 and 3.2.**



KASBIT

Outcome of Program Review for Effectiveness and Enhancement **(PRE) 2024–2025**

Outcome:

The corrective action has strengthened the institutional placement support mechanism by providing alumni and students with structured access to employment opportunities through the Placement Portal and institutional job-fair activities. These initiatives have enhanced the connection between the institution and the employment market and provided an additional platform for career opportunities.

4. Promotion of Research Publications

The review identified the need for increased research publications from the department.

In response, the department-initiated efforts to increase research publications, with the corrective-action report indicating that publications are increasing gradually. A publication list of CS faculty and copies of publication front pages have been maintained as **Annexures 4.1 and 4.2** as supporting evidence.

Outcome:

The corrective action has initiated a continued focus on enhancing research output within the department. The availability of the faculty publication list and supporting publication evidence provides a documented basis for monitoring the department's research publication activity and its progress over time.



KASBIT

Outcome of Program Review for Effectiveness and Enhancement

(PREE) 2024–2025

Overall Outcome of the PREE Corrective Actions

The corrective actions arising from the PREE 2024–2025 have resulted in improvements across four important dimensions of the BSCS program: **OBE documentation and CLO standardization, internship facilitation, placement support, and research publication activity.**

At the academic level, the standardization of CLOs to three has strengthened consistency across the relevant course outlines and BSCS SAR documentation. At the student-support level, placement mechanisms have been utilized to facilitate internship opportunities for final-year students. The Placement Department has also undertaken initiatives, including the Mega Job Fair and Placement Portal, to strengthen access to employment opportunities.

In the area of research, the department has initiated efforts to increase faculty publications, supported by documented publication records. These measures provide a foundation for continued monitoring and further improvement of research output.

Overall, the PREE corrective actions have contributed to the **strengthening and formalization of academic documentation, student internship and placement support, alumni employment facilitation, and research publication monitoring** within the BSCS program. The supporting annexures provide documentary evidence of the actions undertaken and establish a basis for future review of their effectiveness.

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