

Virtual University of Pakistan

Assessment Team Report

Department: Computer Science & IT
Program Title: BS in Computer Science
Assessment Cycle: Cycle-IV
Assessment Year: 2024-25

Criteria Referenced Evaluation

#	Standards' Title	Weightage	Approved	Approved with Recommendations	Approved with Conditions	Not Approved	Score
Standard-1	Programme Mission, Objectives & Outcomes	15%		✓			11.10
Standard-2	Curriculum Design & Organization	20%		✓			18.00
Standard-3	Subject-Specific Facilities	15%		✓			11.40
Standard-4	Student Support & Advising	10%		✓			9.00
Standard-5	Teaching Faculty/Staff	20%			✓		14.00
Standard-6	Institutional Policies & Process Control	10%		✓			8.77
Standard-7	Institutional Support & Facilities	5%					NA
Standard-8	Institutional General Requirements	5%					NA

Signature of Assessment Team Lead:

Name | Prof. Dr. Rabeeh Ayaz Abbasi

Designation | Professor



Signature of DQE Coordinator:

Name | Dr. Mubashar Majeed Qadri

Designation | Manager Quality Assurance



Standard-1 Programme Mission, Objectives & Outcomes		Weight = 0.15					
Factors Score		NA	5	4	3	2	1
1	Institution and department mission statements are documented and aligned with the Programme Educational Objectives (PEOs).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	PEOs define expected graduate achievements a few years after graduation, supported by a strategic plan outlining necessary actions.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Every PEO includes evidence of its alignment with institutional mission, assessment strategies and timelines, along with documentation of implemented improvements.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Programme Learning Outcomes (PLOs) are aligned with the PEOs and use of action verbs support their attainment.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	The extent to which graduates achieve PLOs is assessed using defined methods such as alumni, graduating student, and employer surveys.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Survey data are collected systematically, analyzed, and presented in the report, with documented use of results for timely program improvements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Accreditation outcomes and feedback are documented, with corresponding actions taken and planned improvements clearly described.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	The program's strengths, weaknesses, and major future development plans are identified and supported by evidence.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	The department conducts periodic performance reviews using quantifiable measures to inform strategic decisions and continuous improvement.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Students are actively engaged in program evaluation, with documented evidence of their participation and feedback impact.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	10	16	9	2	0
Score 1 (S1) = [TV/(No. of Questions *5)] *100 *Weight =		11.10					

Standard-1 Programme Mission, Objectives & Outcomes			
Comments/Observations/Key Findings:			Recommendations/Conditions
1	Well-defined PEOs and PLOs with some outcome mapping.	1	Implement employer satisfaction surveys and integrate them into the PLO assessment loop.
2	Rich survey data from graduating students.	2	Operationalize continuous improvement through tracking of feedback-based changes.
3	Identified gaps in curriculum, hands-on skills, and ethics are acknowledged.	3	Pursue national and international accreditation to ensure external validation and credibility.
4	No employer survey or external accreditation outcomes yet.	4	Enhance evidence of student engagement by documenting how feedback has been acted upon (e.g., course updates, assessment redesign, virtual labs).
5	Lack of direct, systematic linkage between student feedback and implemented changes.	5	
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Standard-2 Curriculum Design & Organization		Weight = 0.20					
Factors Score		NA	5	4	3	2	1
1	The curriculum is consistent and support the programme's documented objectives.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Theoretical background, problem analysis and solution are stressed within the programme's core material.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	The curriculum satisfies the core requirements for the programme, as specified by the respective accreditation body and HEC curricula.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	The curriculum satisfies the major requirements for the programme as specified by HEC and the respective accreditation body/councils.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	The curriculum satisfies general education, arts, and discipline requirements for the programme, as specified by the respective accreditation body/council.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Information technology components of the curriculum is integrated throughout the programme.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Oral and written communication skills of the student are developed and applied in the programme.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Different feedback surveys conducted each semester for each course from students and faculty.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	25	8	3	0	0
Score 2 (S2) = [TV/(No. of Questions *5)] *100 *Weight =		18.00					

Standard-2 Curriculum Design & Organization			
Comments/Observations/Key Findings:		Recommendations/Conditions	
1	Strong alignment of curriculum with PLOs and HEC requirements.	1	Establish a formal curriculum review committee that includes industry experts and alumni to ensure up-to-date, market-relevant curriculum changes.
2	Integration of theoretical foundation and practical skills across multiple subjects.	2	Introduce rubrics or assessments for Verbal communication skills in major CS courses and projects.
3	Well-documented coverage of general education and professional courses.	3	Strengthen mechanisms for feedback utilization from students and faculty (e.g., curriculum revisions, course improvements).
4	Extensive use of IT tools and digital learning content across the curriculum.	4	
5	Absence of a formal and documented process for regular curriculum revision.	5	
6	Limited hands-on learning (lab access, real projects) due to virtual mode.	6	
7	Industry and accreditation body feedback missing due to lack of formal linkages.	7	
8	Lack support for Courses contents revisions	8	
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Standard-3 Subject-Specific Facilities						Weight = 0.15	
Factors Score		NA	5	4	3	2	1

1	Laboratory and computing facilities supporting the program are documented, including their adequacy, accessibility, and alignment with program requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Students and faculty have timely access to up-to-date manuals, instructions, and safety documentation, with evidence of availability and use.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Each laboratory includes details on technical support personnel, the level and nature of instructional support, and resource availability.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Computing infrastructure (hardware, software, and networks) is sufficient to meet the program's teaching and learning needs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Laboratory and computing facilities are regularly assessed against similar programs at top HEIs, with deficiencies and improvements documented.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	0	16	3	0	0
Score 3 (S3) = [TV/(No. of Questions *5)] *100 *Weight =		11.40					

Standard-3 Subject-Specific Facilities			
Comments/Observations/Key Findings:			Recommendations/Conditions
1	VUP provides accessible online learning infrastructure (LMS, e-content, video lectures).	1	Develop and integrate virtual lab platforms (e.g., browser-based simulators, cloud IDEs, virtual networking labs) to enhance practical skill development.
2	Computing resources for remote learners (e.g., recorded labs, virtual interaction platforms) are leveraged efficiently in the virtual model.	2	Initiate a formal benchmarking process with other top HEIs (particularly ODL institutions) to identify gaps and set infrastructure development goals.
3	No real hands-on lab infrastructure or virtual equivalents for courses requiring experiments, simulation, or implementation (e.g., networking, databases).	3	Explore partnerships with cloud providers or open-source virtual lab platforms (e.g., Cisco Packet Tracer, AWS Educate, GitHub Codespaces) for enhanced lab delivery.
4	No benchmarking with physical or hybrid university facilities.	4	
5		5	
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9		9	
10		10	

Standard-4 Student Support & Advising						Weight = 0.10	
Factors Score		NA	5	4	3	2	1
1	The department has a documented strategy for course offerings, including the frequency of major, elective & allied courses offered by other departments.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Courses taught by multiple instructors have clear coordination mechanisms to ensure effective student-faculty interaction and instructional consistency.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3	Students are clearly informed about program requirements through accessible and timely communication channels.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	An academic advising system is in place, with mechanisms for evaluating its effectiveness.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	A student counselling system exists, providing access to professional support services when needed, with evidence of availability and utilization.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Students have documented opportunities to engage with practitioners and participate in technical and professional societies.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	15	12	0	0	0
Score 4 (S4) = [TV/(No. of Questions *5)] *100 *Weight =		9.00					

Standard-4 Student Support & Advising			
Comments/Observations/Key Findings:		Recommendations/Conditions	
1	Strong digital communication infrastructure: LMS, SMS alerts, and portal-based announcements keep students updated.	1	Launch or partner with student counselling services (mental health and academic), ensuring availability of professional help and promoting its use.
2	Students are satisfied with the structure and timing of course offerings.	2	Facilitate interaction with professional bodies (IEEE, ACM, etc.) and document student participation in technical events and societies.
3	Program structure and study scheme are clearly published online.	3	Students need more documented opportunities. This may potentially happen through different measures such as through the establishment of placement cell, and project opportunities that arise from time to time at the national and international level.
4	No evidence of professional counselling services or student mental health support.	4	
5	Engagement with industry professionals or student societies is minimal and undocumented.	5	
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9		9	
10		10	

Standard-5 Teaching Faculty/Staff		Weight = 0.20					
Factors Score		NA	5	4	3	2	1
1	A web page shows program areas and the number of specialized teaching staff, along with faculty CVs is publically available.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Teaching staff strength is sufficient to deliver the curriculum and achieve programme objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Student feedback on teaching and assessment is collected each semester and used for instructional improvement.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	The department has defined criteria for faculty currency in the discipline, and the percentage of faculty meeting these criteria is documented.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Mechanisms are in place to ensure full-time faculty have adequate time for scholarly and professional development.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Teaching staff development programs are available at departmental and institutional levels, with documented evidence of effectiveness.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Faculty development programs are evaluated regularly, and results are used for program enhancement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Programs for faculty motivation and job satisfaction are implemented, with effectiveness measured through periodic faculty surveys.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	5	8	15	0	0
Score 5 (S5) = [TV/(No. of Questions *5)] *100 *Weight =		14.00					

Standard-5 Teaching Faculty/Staff			
Comments/Observations/Key Findings:			Recommendations/Conditions
1	Dedicated teaching staff covers a wide range of technical subjects.	1	Formalize faculty development programs with structured activities, training sessions, and budgeted support.
2	Feedback is collected from students through systematic LMS surveys each semester.	2	Establish clear criteria for faculty currency (e.g., research output, certifications) and monitor compliance annually.
3	No formal structure for faculty development, scholarly work planning, or motivation.	3	Create faculty motivation mechanisms (e.g., competitive salaries, teaching awards, research grants, recognition systems).
4	Absence of structured performance evaluation, mentoring, or workload policies.	4	Introduce a faculty workload model that allocates time for teaching, mentoring, research, and training.
5		5	
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8		8	
9		9	
10		10	

Standard-6 Institutional Policies & Process Control		Weight = 0.10					
Factors Score		NA	5	4	3	2	1
1	Admission criteria are clearly defined and communicated to prospective students, and periodically evaluated for improvement.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Policies and procedures for credit transfer are documented and accessible.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Student registration processes are clearly outlined, and academic progress is systematically monitored to ensure adherence to degree requirements.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Procedures are in place to verify that graduates meet all programme requirements, with periodic evaluations to inform improvements.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Processes for recruiting and retaining qualified teaching staff are documented, aligned with the institutional mission, and evaluated for effectiveness.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Faculty evaluation and promotion processes reflect institutional mission and are periodically reviewed for continuous improvement.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Teaching and learning processes are designed to ensure instructional effectiveness and student-centered learning, using evaluation mechanisms for improvement.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Academic and support information is provided to prospective and current students to support informed decision-making and successful progression.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Programme expectations and student responsibilities are clearly communicated throughout the study period.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Upon graduation, students receive a comprehensive academic record reflecting their achievements.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Programme practices align with institutional values, ethical standards, and policies on equality, diversity, inclusion, and academic integrity.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Transparent procedures exist to safeguard the rights and interests of students, faculty, and staff, including handling of complaints and appeals.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	All critical processes (admissions, teaching, student progress, evaluation) are periodically reviewed, and evaluation results are used for enhancement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	30	24	3	0	0
Score 6 (S6) = [TV/(No. of Questions *5)] *100 *Weight =		8.77					

Standard-6 Institutional Policies & Process Control			
Comments/Observations/Key Findings:			Recommendations/Conditions
1	Well-developed LMS ensures effective registration, teaching, and graduation tracking.	1	Track and use faculty promotion and evaluation outcomes for continuous policy refinement.
2	Communication with students via multiple channels is strong.	2	
3	Admission and credit transfer policies are accessible and functional.	3	
4	Limited documentation on faculty retention or motivation strategies.	4	
5	Evaluation feedback rarely results in clearly documented improvements.	5	
6		6	
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8		8	
9		9	
10		10	

Standard-7 Institutional Support & Facilities		Weight = 0.05					
Factors Score		NA	5	4	3	2	1
1	The programme provides a self-evaluation of its compliance with standards, identifying gaps and plans for improvement where needed.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Secretarial support, technical staff, and office equipment are sufficient to support programme operations.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Data on graduate students, research assistants, and PhD students over the past three years are provided, along with teacher-to-graduate student ratios.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Library, laboratory, and computing resources are documented, and their adequacy assessed relative to programme needs.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Facilities and infrastructure supporting modern teaching and learning practices are available and evaluated for adequacy.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	The library's technical collection and user support services are sufficient to meet academic and research needs.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Classrooms and faculty offices are adequate in number, space, and functionality to support effective teaching and learning.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		7	0	0	0	0	0
Score 7 (S7) = [TV/(No. of Questions *5)] *100 *Weight =		Not Applicable					

Standard-7 Institutional Support & Facilities			
Comments/Observations/Key Findings:			Recommendations/Conditions
1	This standard criteria may be addressed in Review of Performance Effectiveness (RIPE) report	1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	

Standard-8 Institutional General Requirements		Weight = 0.05					
Factors Score		NA	5	4	3	2	1
1	Postgraduate research programmes are offered only when institutional academic standards—aligned with national expectations—can be met.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Detailed regulations on admission, registration, assessment, and awarding are documented, accessible, and open to review by the institution and department.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Research activities align with regional, national, and international societal and industrial needs.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Research opportunities are offered only where appropriate academic supervision, research infrastructure, and student support are available.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Publicity materials for research programmes are clear, accurate, and detailed enough to support informed student choice.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Admission procedures are well-defined, consistently applied, and ensure that only qualified candidates are selected through a multi-expert review process.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Admissions processes are fair, transparent, and promote equality of opportunity.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Research student entitlements and responsibilities are clearly defined and communicated at the start of the programme.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	New research students are supported with orientation activities that help them understand the academic and social environment of the institution.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	The feasibility of research projects is assessed prior to admission, for both full- and part-time students.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Research students have access to sufficient training to develop the skills required for completing their research and preparing for future careers.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Supervisors are qualified subject experts with the skills and experience necessary to guide, monitor, and support research students.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Research supervision is structured to ensure consistent progress tracking and timely communication with students.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Research assessment processes are clearly defined, rigorous, fair, consistent, and well communicated to both students and supervisors.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Systems have been set up to collect and address feedback from students and supervisors about the research experience and support infrastructure.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Clear procedures for complaints and appeals are documented, consistently enforced, & readily available to provide support throughout the process.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	The institution regularly reviews its effectiveness in meeting the quality standards (Precepts) of research degrees awarded in its name.	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		17	0	0	0	0	0
Score 8 (S8) = [TV/(No. of Questions *5)] *100 *Weight =		Not Applicable					

Standard-8 Institutional General Requirements			
Comments/Observations/Key Findings:			Recommendations/Conditions
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	

ASSESSMENT SCORE = S1 + S2 + S3 + S4 + S5 + S6 + S7 + S8
= 11.1 + 18.00 + 11.40 + 9.00 + 14.00 + 8.77 + NA + NA
= 72.27 / 90 (80.3%)

Note: Score Normalized as '02' Standard(s) is (are) 'Not Applicable'.

OVERALL JUDGEMENT = **Approved with Recommendations**

Overall Comments by Assessment Team:

The Assessment Team acknowledges the sincere effort put into the preparation of the BSCS Self-Assessment Report by the Program Team. The SAR provides a comprehensive overview of the program's objectives, curriculum, delivery mechanisms, and support structures within the context of a virtual learning environment.

The program demonstrates strong alignment with national academic standards, particularly in curriculum design and digital delivery infrastructure. However, some critical areas require further development, including hands-on lab facilities, faculty development, industry engagement, and mechanisms for using feedback systematically for continuous improvement.

We also commend the Quality Enhancement Cell (QEC) Team for developing an excellent rubric calculator that has significantly enhanced the objectivity, transparency, and quantification of this assessment process. It is a valuable tool that has helped streamline and standardize program evaluations.

Comments by DQE Coordinator: