

Virtual University of Pakistan

Assessment Team Report

Department: Computer Science & Information Technology

Program Title: Associate Degree in Web Design & Development

Assessment Cycle: Cycle-III

Assessment Year: 2023-24

Criteria Referenced Evaluation

	Excellent Performance in all areas.	Good to Excellent Performance in all areas.	Good Performance for most areas *	Fair Performance in most of the areas.	Poor Performance in most of the areas.	Score
Criterion 1 - Program Mission, Objectives and Outcomes	✓					4.33
Criterion 2 - Curriculum Design and Organization	✓					20.00
Criterion 3 - Laboratories and Computing Facilities	✓					10.00
Criterion 4 - Student Support and Advising		✓				7.33
Criterion 5 - Process Control	✓					13.91
Criterion 6 - Faculty		✓				16.00
Criterion 7 - Institutional Facilities			✓			6.67
Criterion 8 - Institutional Support		✓				7.00

* No poor performance in any areas.

Signature of AT:

Name & Designation:
Dr. Mushtaq Hussain, (Assistant Professor)



Signature of DQE Coordinator:

Name & Designation: Dr. Mubashar Majeed Qadri (Manager)

Reviewed By:



Dr. Mubashar Majeed Qadri
Manager Quality, DQE

Criterion 1 – Program Mission, Objectives and Outcomes
Weight = 0.05

Factors Score		5	4	3	2	1
1	Does the Program have documented measurable objectives that support faculty / college and institution mission statements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Does the Program have documented outcomes for graduating students?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Do these outcomes support the Program objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Are the graduating students capable of performing these outcomes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Does the department assess its overall performance periodically using quantifiable measures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Is the result of the Program Assessment documented?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		15	8	3	0	0
Score 1 (S1) = [TV/(No. of Questions *5)] *100 *Weight =		4.33				

Comments/Observations/Key Findings:		
1	Cs201- CLO4,The Internet - Need further details	1
2	The program's objectives and the department's future plans are: Need improvement	2
3	The program's objectives and the University's mission are:- Programs object need to add more information according to University mission	3
4	More action words or Bloom's Taxonomy vocabulary need to define	4
5	Table 13 Objectives VS Outcomes Table number is 1.2	5
6	The employer's survey to find the students' capability and skill level is: is not available in sheet	6
7	Program's Curriculum & IT Skills: Data is not available	7
8	Program's Curriculum & Communication Skills:Data is not available	8
9		9

Criterion 2 – Curriculum Design and Organization

Weight = 0.20

Factors Score		5	4	3	2	1
1	Is the curriculum consistent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Does the curriculum support the program’s documented objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Are theoretical background, problem analysis and solution design stressed within the program’s core material?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Does the curriculum satisfy the core requirements laid down by respective accreditation bodies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Does the curriculum satisfy the major requirements laid down by HEC and the respective councils / accreditation bodies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Does the curriculum satisfy the general education, arts and professional and other discipline requirements as laid down by the respective / accreditation bodies / councils?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Is the information technology component integrated throughout the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Are oral and written skills of the students developed and applied in the program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		40	0	0	0	0
Score 2 (S2) = [TV/(No. of Questions *5)] *100 *Weight =		20.00				

Comments/Observations/Key Findings:		
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9

Criterion 3 – Laboratories and Computing Facilities

Weight = 0.10

Factors Score		5	4	3	2	1
1	Are laboratory manuals / documentation / instructions etc. for experiments available and readily accessible to faculty and students?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Are there adequate number of support personnel for instruction and maintaining the laboratories?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Are the university's infrastructure and facilities adequate to support the program objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		15	0	0	0	0
Score 3 (S3) = [TV/(No. of Questions *5)] *100 *Weight =		10.00				

Comments/Observations/Key Findings:		
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9

Criterion 4 – Student Support and Advising

Weight = 0.10

Factors Score		5	4	3	2	1
1	Are the courses being offered in sufficient frequency and number for the students to complete the program in a timely manner?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Are the courses in the major area structured to optimize interaction between the students, faculty and teaching assistants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Does the university provide academic advising on course decisions and career choices to all students?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	8	3	0	0
Score 4 (S4) = [TV/(No. of Questions *5)] *100 *Weight =		7.33				

Comments/Observations/Key Findings:		
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9

Criterion 5 – Process Control

Weight = 0.15

Factors Score		5	4	3	2	1
1	Is the process to enroll students to a program based on quantitative and qualitative criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Is the process above clearly documented and periodically evaluated to ensure that it is meeting its objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Is the process to register students in the program and monitoring their progress documented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Is the process above periodically evaluated to ensure that it is meeting its objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Is the process to recruit and retain faculty in place and documented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Are the processes for faculty evaluation & promotion consistent with the institution mission?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Are the processes in 5 and 6 above periodically evaluated to ensure that they are meeting their objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Do the processes and procedures ensure that teaching and delivery of course material emphasize active learning and that course learning outcomes are met?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Is the process in 8 above periodically evaluated to ensure that it is meeting its objectives?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Is the process to ensure that graduates have completed the requirements of the program base on standards and documented procedures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Is the process in 10 above periodically evaluated to ensure that it is meeting its objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		35	16	0	0	0
Score 5 (S5) = [TV/(No. of Questions *5)] *100 *Weight =		13.91				

Comments/Observations/Key Findings:

1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	
11		11	
12		12	

Criterion 6 – Faculty

Weight = 0.20

Factors Score		5	4	3	2	1
1	Are there enough full-time faculty members to provide adequate coverage of the program areas / courses with continuity and stability?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Are the qualifications and interests of faculty members sufficient to teach all courses, plan, modify and update courses and curricula?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Do the faculty members possess a level of competence that would be obtained through graduate work in the discipline?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Do the majority of faculty members hold a Phd degree in their discipline?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Do faculty members dedicate sufficient time to research to remain current in their disciplines?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Are there mechanisms in place for faculty development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Are faculty members motivated and satisfied so as to excel in their profession?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		10	12	6	0	0
Score 6 (S6) = [TV/(No. of Questions *5)] *100 *Weight =		16.00				

Comments/Observations/Key Findings:		
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9

Criterion 7 – Institutional Facilities

Weight = 0.10

Factors Score		5	4	3	2	1
1	Does the institution have the infrastructure to support new trends such as e-learning?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Does the library contain technical collection relevant to the program and is it adequately staffed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Are the class rooms and offices adequately equipped and capable of helping faculty carry out their responsibilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	4	6	0	0
Score 7 (S7) = [TV/(No. of Questions *5)] *100 *Weight =		6.67				

Comments/Observations/Key Findings:		
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9

Criterion 8 – Institutional Support

Weight = 0.10

Factors Score		5	4	3	2	1
1	Is there sufficient support and finances to attract and retain high quality faculty?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Are there an adequate number of high quality graduate students, teaching assistants and Ph.D. students?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	4	3	0	0
Score 8 (S8) = [TV/(No. of Questions *5)] *100 *Weight =		7.00				

Comments/Observations/Key Findings:		
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9

$$\begin{aligned}\text{OVERALL ASSESSMENT SCORE} &= S1 + S2 + S3 + S4 + S5 + S6 + S7 + S8 \\ &= 4.33 + 20.00 + 10.00 + 7.33 + 13.91 + 16.00 + 6.67 + 7.00 \\ &= 85.24 / 100\end{aligned}$$

Overall Comments by Assessment Team:

I really like the template that QEC came up with to measure the assessment score of our study programs, it's pretty cool. I have also added some comments in the Criterion1 SAR report file where corrections are needed.

Comments by DQE Coordinator: