

Virtual University of Pakistan

Assessment Team Report

Department Name: Computer Science

Program Name: Associate Degree Program

Criteria Referenced Evaluation

	Poor performance in most of the areas.	Fair performance in most of the areas.	Good performance for most areas / No poor performance in any areas.	Good to excellent performance in all areas.	Excellent performance in all areas.	Score
Criterion 1			✓			3.33
Criterion 2				✓		16.50
Criterion 3				✓		7.33
Criterion 4			✓			6.67
Criterion 5					✓	13.64
Criterion 6		✓				12.00
Criterion 7		✓				6.00
Criterion 8	✓					4.00

Criterion 1 – Program Mission, Objectives and Outcomes							Weight =		0.05
Factors Score									
1	Does the Program have documented measurable objectives that support faculty / college and institution mission statements?	5	✓	3	2	1			
2	Does the Program have documented outcomes for graduating students?	5	✓	3	2	1			
3	Do these outcomes support the Program objectives?	5	✓	3	2	1			
4	Are the graduating students capable of performing these outcomes?	5	✓	3	2	1			
5	Does the department assess its overall performance periodically using quantifiable measures?	5	4	3	✓	1			
6	Is the result of the Program Assessment documented?	5	4	3	✓	1			
Total Encircled Value (TV)		0	16	0	4	0			
Score 1 (S1) = [TV/(No. of Questions *5)] *100 *Weight =		3.33							
Criterion 2 – Curriculum Design and Organization							Weight =		0.20
Factors Score									
1	Is the curriculum consistent?	✓	4	3	2	1			
2	Does the curriculum support the program's documented objectives?	5	✓	3	2	1			
3	Are theoretical background, problem analysis and solution design stressed within the program's core material?	5	✓	3	2	1			
4	Does the curriculum satisfy the core requirements laid down by respective accreditation bodies? (refer Appendix A of the Self Assessment Manual)	5	✓	3	2	1			
5	Does the curriculum satisfy the major requirements laid down by HEC and the respective councils / accreditation bodies?	5	✓	3	2	1			
6	Does the curriculum satisfy the general education, arts and professional and other discipline requirements as laid down by the respective / accreditation bodies / councils? (Refer Appendix A of the Self Assessment Manual)	5	✓	3	2	1			
7	Is the information technology component integrated throughout the program?	5	✓	3	2	1			
8	Are oral and written skills of the students developed and applied in the program?	5	✓	3	2	1			
Total Encircled Value (TV)		5	28	0	0	0			
Score 2 (S2) = [TV/(No. of Questions *5)] *100 *Weight =		16.50							
Criterion 3 – Laboratories and Computing Facilities							Weight =		0.10
Factors Score									
1	Are laboratory manuals / documentation / instructions etc. for experiments available and readily accessible to faculty and students?	5	4	3	✓	1			
2	Are there adequate number of support personnel for instruction and maintaining the laboratories?	✓	4	3	2	1			
3	Are the university's infrastructure and facilities adequate to support the program objectives?	5	✓	3	2	1			
Total Encircled Value (TV)		5	4	0	2	0			
Score 3 (S3) = [TV/(No. of Questions *5)] *100 *Weight =		7.33							
Criterion 4 – Student Support and Advising							Weight =		0.10
Factors Score									
1	Are the courses being offered in sufficient frequency and number for the students to complete the program in a timely manner?	✓	4	3	2	1			
2	Are the courses in the major area structured to optimize interaction between the students, faculty and teaching assistants?	5	4	✓	2	1			
3	Does the university provide academic advising on course decisions and career choices to all students?	5	4	3	✓	1			
Total Encircled Value (TV)		5	0	3	2	0			
Score 4 (S4) = [TV/(No. of Questions *5)] *100 *Weight =		6.67							

Criterion 5 – Process Control							Weight =		0.15		
Factors Score											
1	Is the process to enroll students to a program based on quantitative and qualitative criteria?	5	✓	3	2	1					
2	Is the process above clearly documented and periodically evaluated to ensure that it is meeting its objectives?	✓	4	3	2	1					
3	Is the process to register students in the program and monitoring their progress documented?	✓	4	3	2	1					
4	Is the process above periodically evaluated to ensure that it is meeting its objectives?	✓	4	3	2	1					
5	Is the process to recruit and retain faculty in place and documented?	✓	4	3	2	1					
6	Are the processes for faculty evaluation & promotion consistent with the institution mission?	5	✓	3	2	1					
7	Are the processes in 5 and 6 above periodically evaluated to ensure that they are meeting their objectives?	5	✓	3	2	1					
8	Do the processes and procedures ensure that teaching and delivery of course material emphasize active learning and that course learning outcomes are met?	5	✓	3	2	1					
9	Is the process in 8 above periodically evaluated to ensure that it is meeting its objectives?	5	✓	3	2	1					
10	Is the process to ensure that graduates have completed the requirements of the program base on standards and documented procedures?	✓	4	3	2	1					
11	Is the process in 10 above periodically evaluated to ensure that it is meeting its objectives?	✓	4	3	2	1					
Total Encircled Value (TV)		30	20	0	0	0					
Score 5 (S5) = [TV/(No. of Questions *5)] *100 *Weight =							13.64				
Criterion 6 – Faculty							Weight =		0.20		
Factors Score											
1	Are there enough full time faculty members to provide adequate coverage of the program areas / courses with continuity and stability?	5	✓	3	2	1					
2	Are the qualifications and interests of faculty members sufficient to teach all courses, plan, modify and update courses and curricula?	5	4	✓	2	1					
3	Do the faculty members posses a level of competence that would be obtained through graduate work in the discipline?	5	4	✓	2	1					
4	Do the majority of faculty members hold a PhD degree in their discipline?	5	4	3	2	✓					
5	Do faculty members dedicate sufficient time to research to remain current in their disciplines?	5	4	✓	2	1					
6	Are there mechanisms in place for faculty development?	5	4	✓	2	1					
7	Are faculty members motivated and satisfied so as to excel in their profession?	5	✓	3	2	1					
Total Encircled Value (TV)		0	8	12	0	1					
Score 6 (S6) = [TV/(No. of Questions *5)] *100 *Weight =							12.00				
Criterion 7 – Institutional Facilities							Weight =		0.10		
Factors Score											
1	Does the institution have the infrastructure to support new trends such as e-learning?	5	✓	3	2	1					
2	Does the library contain technical collection relevant to the program and is it adequately staffed?	5	4	3	2	✓					
3	Are the class rooms and offices adequately equipped and capable of helping faculty carry out their responsibilities?	5	✓	3	2	1					
Total Encircled Value (TV)		0	8	0	0	1					
Score 7 (S7) = [TV/(No. of Questions *5)] *100 *Weight =							6.00				

Criterion 8 – Institutional Support					Weight = 0.10	
Factors Score						
1	Is there sufficient support and finances to attract and retain high quality faculty?	5	4	3	✓	1
2	Are there an adequate number of high quality graduate students, teaching assistants and Ph.D students?	5	4	3	✓	1
Total Encircled Value (TV)		0	0	0	4	0
Score 8 (S8) = [TV/(No. of Questions *5)] *100 *Weight =		4.00				

OVERALL ASSESSMENT SCORE =

S1 + S2 + S3 + S4 + S5 + S6 + S7 +S8

$$= 3.33 + 16.50 + 7.33 + 6.67 + 13.64 + 12.00 + 6.00 + 4.00$$

$$= 69.47 / 100$$

Comments:

Program requirement is give practical/hands on experience to students.But according to requirement laborties are not present.That is v