Virtual University of Pakistan

Assessment Team Report
Department Name: Computer Science
Program Name: BBIT

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			✓			**2.67**
Criterion 2			✓			**3.00**
Criterion 3				✓		**8.00**
Criterion 4				✓		**6.67**
Criterion 5			✓			**9.00**
Criterion 6			✓			**10.29**
Criterion 7			✓			**5.33**
Criterion 8						**6.00**

Criteria Referenced Self Assessment – Methodology and Evaluation Tool

Criterion 1 – Program Mission, Objectives and Outcomes					Weight = 0.05		
Factors					**Score**		
1	Does the Program have documented measureable objectives that support faculty / college and institution mission statements?	5	4	**3**	2	1	
2	Does the Program have documented outcomes for graduating students?	5	4	**3**	2	1	
3	Do these outcomes support the Program objectives?	5	4	**3**	2	1	
4	Are the graduating students capable of performing these outcomes?	5	4	3	**2**	1	
5	Does the department assess its overall performance periodically using quantifiable measures?	5	4	3	2	**1**	
6	Is the result of the Program Assessment documented?	5	**4**	3	2	1	
Total Encircled Value (TV)		0	4	9	2	1	

Score 1 (S1) = [TV/(No. of Questions *5)] *100 *Weight = 2.63

Criterion 2 – Curriculum Design and Organization					Weight = 0.05		
Factors					**Score**		
1	Is the curriculum consistent?	5	4	**3**	2	1	
2	Does the curriculum support the program's documented objectives?	5	4	**3**	2	1	
3	Are theoretical background, problem analysis and solution design stressed within the program's core material?	5	4	**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	4	**3**	2	1	
5	Does the curriculum satisfy the major requirements laid down by HEC and the respective councils / accreditation bodies? (Refer to appendix A of the Self Assessment Manual)	5	4	**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 to Appendix A of the Self Assessment Manual)	5	4	**3**	2	1	
7	Is the information technology component integrated throughout the program?	5	4	**3**	2	1	
8	Are oral and written skills of the students developed and applied in the program?	5	4	**3**	2	1	
Total Encircled Value (TV)		0	0	24	0	0	

Score 2 (S2) = [TV/(No. of Questions *5)] *100 *Weight = 3.00

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	2	1
2	Are there adequate number of support personnel for instruction and maintaining the laboratories?	5	**4**	3	2	1
3	Are the university's infrastructure and facilities adequate to support the program objectives?	5	**4**	3	2	1
Total Encircled Value (TV)		0	12	3	0	0

Score 3 **(S3) = [TV/(No. of Questions *5)] *100 *Weight = 8.00**

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?	5	**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	**3**	2	1
3	Does the university provide academic advising on course decisions and career choices to all students?	5	4	**3**	2	1
Total Encircled Value (TV)		0	4	6	0	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	4	**3**	2	1
2	Is the process above clearly documented and periodically evaluated to ensure that it is meeting its objectives?	5	**4**	3	2	1
3	Is the process to register students in the program and monitoring their progress documented?	5	**4**	3	2	1
4	Is the process above periodically evaluated to ensure that it is meeting its objectives?	5	4	3	**2**	1
5	Is the process to recruit and retain faculty in place and documented?	5	4	3	**2**	1
6	Are the processes for faculty evaluation & promotion consistent with the institution mission?	5	4	3	2	**1**
7	Are the processes in 5 and 6 above periodically evaluated to ensure that they are meeting their objectives?	5	4	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	4	3	2	1
9	Is the process in 8 above periodically evaluated to ensure that it is meeting its objectives?	5	4	3	2	1
10	Is the process to ensure that graduates have completed the requirements of the program base on standards and documented procedures?	5	4	3	2	1
11	Is the process in 10 above periodically evaluated to ensure that it is meeting its objectives?	5	4	3	2	1
	Total Encircled Value (TV)	0	24	3	4	2

Score 5 (S5) = [TV/(No. of Questions *5)] *100 *Weight = **9.00**

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	4	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	3	2	1
3	Do the faculty members posses a level of competence that would be obtained through graduate work in the discipline?	5	4	3	2	1
4	Do the majority of faculty members hold a PhD degree in their discipline?	5	4	3	2	1
5	Do faculty members dedicate sufficient time to research to remain current in their disciplines?	5	4	3	2	1
6	Are there mechanisms in place for faculty development?	5	4	3	2	1
7	Are faculty members motivated and satisfied so as to excel in their profession?	5	4	3	2	1
	Total Encircled Value (TV)	0	12	0	4	2

Score 6 (S6) = [TV/(No. of Questions *5)] *100 *Weight = **10.29**

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	**4**	3	2	1

1	Does the institution have the infrastructure to support new trends such as e-learning?	5	4	3	2	1
2	Does the library contain technical collection relevant to the program and is it adequately staffed?	5	4	3	2	**1**
3	Are the class rooms and offices adequately equipped and capable of helping faculty carry out their responsibilities?	5	4	**3**	2	1
	Total Encircled Value (TV)	0	4	3	0	1

Score 7 **(S7)** = [TV/(No. of Questions *5)] *100 *Weight = **5.33**

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**	2	1
2	Are there an adequate number of high quality graduate students, teaching assistants and Ph.D students?	5	4	**3**	2	1
	Total Encircled Value (TV)	0	0	6	0	1

Score 8 **(S8)** = [TV/(No. of Questions *5)] *100 *Weight = **6.00**

OVERALL ASSESSMENT SCORE = S1 + S2 + S3 + S4 + S5 + S6 + S7 + S8 + S9 + S10

= 2.67 + 3.00 + 8.00 + 6.67 + 9.00 + 10.29 + 5.33 + 6.00

= **50.95**

Remarks: