

Virtual University of Pakistan

Assessment Team Report

Department: Computer Science & Information Technology
Program Title: Associate Degree in Database Management System
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		✓				3.50
Criterion 2 - Curriculum Design and Organization	✓					18.50
Criterion 3 - Laboratories and Computing Facilities		✓				8.00
Criterion 4 - Student Support and Advising		✓				8.00
Criterion 5 - Process Control	✓					13.36
Criterion 6 - Faculty			✓			12.57
Criterion 7 - Institutional Facilities			✓			6.67
Criterion 8 - Institutional Support		✓				8.00

* No poor performance in any areas.

Name & Designation: Dr. Muhammad Salman Bashir

Signature of DQE Coordinator:

Name & Designation:

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Total Encircled Value (TV)		5	12	3	0	1
Score 1 (S1) = [TV/(No. of Questions *5)] *100 *Weight =		3.50				

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

Criterion 2 – Curriculum Design and Organization					Weight = 0.20	
Factors Score		5	4	3	2	1
1	Is the curriculum consistent?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Does the curriculum support the program's documented objectives?	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		25	12	0	0	0
Score 2 (S2) = [TV/(No. of Questions *5)] *100 *Weight =		18.50				

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	12	0	0	0
Score 3 (S3) = [TV/(No. of Questions *5)] *100 *Weight =		8.00				

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 checked="" type="checkbox"/>	<input 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)		5	4	3	0	0
Score 4 (S4) = [TV/(No. of Questions *5)] *100 *Weight =		8.00				

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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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)		25	24	0	0	0
Score 5 (S5) = [TV/(No. of Questions *5)] *100 *Weight =		13.36				

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Are there mechanisms in place for faculty development?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		5	0	15	2	0
Score 6 (S6) = [TV/(No. of Questions *5)] *100 *Weight =		12.57				

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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Encircled Value (TV)		0	8	0	2	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 checked="" type="checkbox"/>	<input 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	8	0	0	0
Score 8 (S8) = [TV/(No. of Questions *5)] *100 *Weight =		8.00				

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

OVERALL ASSESSMENT SCORE = S1 + S2 + S3 + S4 + S5 + S6 + S7 + S8
 = 3.50 + 18.5 + 8.00 + 8.00 + 13.3 + 12.5 + 6.67 + 8.00
 = 78.60 / 100

Overall Comments by Assessment Team:

[Empty rectangular box for overall comments by the assessment team]

Comments by DQE Coordinator:

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