

Pir Mehr Ali Shah
Arid Agriculture University, Rawalpindi



Self-Assessment Report for BS (IT)
Barani Institute of Management Sciences
Session: 2016-2018

Self-Assessment Report

Coordinator: Ms. Summaya Alam

Convener: Mr. Usman Karim

Members: Ms. Saba Un Nisa

Ms. Sadia Sultana

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Introduction

Information technology is an integral part of our lives today. Computing is revolutionizing the process of research, development, and discovery in all fields of engineering and science. The societal impact of computing continues to increase as computers become more broadly accessible. New technologies, such as many core processors, mobile computing, and cloud computing are reshaping the landscape of computing, and new challenges are emerging as computer science becomes increasingly multidisciplinary. Leading-edge skills in Computer Science are in demand by employers across a wide range of industries.

A strong Information Technology department is essential to BIMS's mission to be a world-class university that prepares students to contribute to the advancement of society. Barani Institute of Management Sciences (BIMS) was established to address this dire need. BIMS is celebrating its years of excellence in quality manpower production in the fields of CS and IT.

The aspire of offering BS (IT) program is to provide an opportunity for the students to gain up-to-date practical knowledge; marketable skills, specialized competencies and valuable capability in the rapidly advancing field of Information Technology to ensure a successful future. The program produces graduates who will be flexible, pliable to change, and able to face the challenges of the technology driven employment market. Toward these ends the program offers a set of core courses, science courses, general education & supportive courses.

This is a four years (eight semesters) duration program after intermediate or an equivalent certificate. BS(IT) program is focused on the acquisition of theory and application of technical competencies associated with the information technology profession. The courses prepare students with fundamental knowledge in core technologies, such as systems analysis and design, programming, database design, network architecture and administration, web technologies and application development, implementation and maintenance. This concentration will examine a number of methodologies and tools important to the discipline.

Criterion 1: Program Mission, Objectives and Outcomes

The self-assessment is based on a number of criteria. To meet each criterion several standards must be satisfied. This section describes how the standards of the Criterion are met.

Standard 1-1: The program must have documented measurable objectives that support institution mission statements.

Mission Statement:

The mission of BSIT program is to prepare students as professionals by imparting high quality education in the field of computing. Graduates of the program will take appropriate CS professional positions in industry and organizations, or pursue higher education and research in related disciplines.

The main elements of strategic planning to achieve mission and objectives

The main elements which are present in the plan to achieve the mission and objective are listed below

1. The ability to design, implements, and analyze computational systems.
2. Development of a sound and a dynamic teaching system based on the experience and vision gathered from world reviews, literature, innovations, proceedings, symposia etc. for the award of degrees.
3. Designing and constantly updating the curriculum involving core subjects, elective subjects, specialized areas, internship programs and study tours.
4. Setting up of well-equipped specialized laboratories depending on the available resources.
5. Implementation of research projects funded by the universities and other agencies.
6. Development of linkages with national and international research organizations to foster research.

The assessment of program objectives through different criteria is presented in Table 1

Table 1: Programs Objectives Assessment

S #	Objective	How Measured	When Measured	Improvement Identified	Improvement Made
1	The ability to design, implement, and analyze computational systems	Through Final Year Projects	During Last Semester	Needs to improve project quality	Assigned standard Projects to the students
2	Development of a sound and dynamic teaching system.	Through quizzes, assignments and exams. Teacher training and refresh courses.	It is a regular Process as per Requisite	Techniques for assessment required to be improved.	Exams are made more technical to assess the students.
3	Designing and constantly updating the curriculum.	Assessed through feedback from the market and leading institutes in the country.	At start of every semester.	NIL	
4	Equipped specialized laboratories. Resources.	Assessment is done through feedback from the students.	It is a continuous activity.	Resources need to be increased. Needs to equipped computer labs.	Number of computers have been increased with better processing and updated software
5	Implementation of R&D and ICT projects.	Through final degree project	At the end of final degree project.	The latest research and technology required project should be implemented.	It's achieved to some extent by giving students many projects from the research work which don't have implementation .
6	Development of linkages with national and international research.	Through software exhibitions	At end of degree	There should be visits to the industry or Employers may be invited to visit BIMS.	An open house decided to be organized regularly every year.

Program Learning Outcomes

At the successful completion of BS IT degree, the students will be equipped with the following

- 1. Recognition of the need for and an ability to engage in continuing professional development.**
 1. An ability to use current techniques, skills, and tools necessary for computing practice
 2. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices
 3. An ability to apply design and development principles in the construction of software systems of varying complexity

- 2. Be competent in theoretical and mathematical foundations of computer, information technology and be able to**
 1. Apply fundamental concepts of discrete mathematics such as logic, proofs, set theory, relations, functions, and combinatorial to model computational problems.
 2. Demonstrate the application of abstract structures such as graphs, finite state machines, and recurrence relations to the solution of computer science problems.
 3. Analyze and evaluate comparative performance of algorithms and data structures appropriate for solving computer science problems.
 4. Apply concepts related to data structures such as lists, stacks, queues, arrays, graphs, trees, heaps, and hashing to design and create algorithms.

- 3. Be proficient in one programming language and have a basic knowledge of several others and be able to**
 1. Write efficient solutions to specific problems using an object-oriented programming language.
 2. Write programs in assembly language.
 3. Write programs in a procedural programming language.

- 4. Understand the hardware and software architecture of computer systems and be able to**
 1. Explain the function and interaction of computer processing units, memories, and input/output devices.

2. Define and explain elements of operating systems such as memory management, process scheduling, synchronization and interaction, and input/output devices.
3. Distinguish computer network elements and understand issues related to computer security.

5. Demonstrate the ability to participate in professional practices related to software engineering and be able to

1. Negotiate, clarify, and document customer requirements.
2. Apply knowledge of fundamental algorithms, programming language concepts, and design patterns to determine an overall design for a software system.
3. Implement a fully specified system,
4. Test a fully specified system.
5. Plan and monitor the progress of software projects to ensure on time delivery of a high-quality system.

6. Be able to communicate effectively about computer science-related topics and be able to

1. Deliver an audience-sensitive oral technical presentation.
2. Write an audience-sensitive technical document.
3. Contribute effectively on software-based system development teams.

Standard 1-2: The program must have documented outcomes for graduating students. It must be documented that the outcomes support the program objectives and that graduating students are capable of performing these outcomes.

Table 2: Program Outcomes to Their Relationship with Objectives

		Objectives					
		1	2	3	4	5	6
Outcomes	1	+++	+++	+++	++	++	++
	2	+++	++	++	++	++	+++
	3	++	+++	+++	++	++	++
	4	+++	++	+++	++	++	++
	5	++	++	+++	++	++	+++
	6	+++	+++	++	+++	+++	++

+ = Moderately Satisfactory

++ = Satisfactory

+++ = Highly Satisfactory

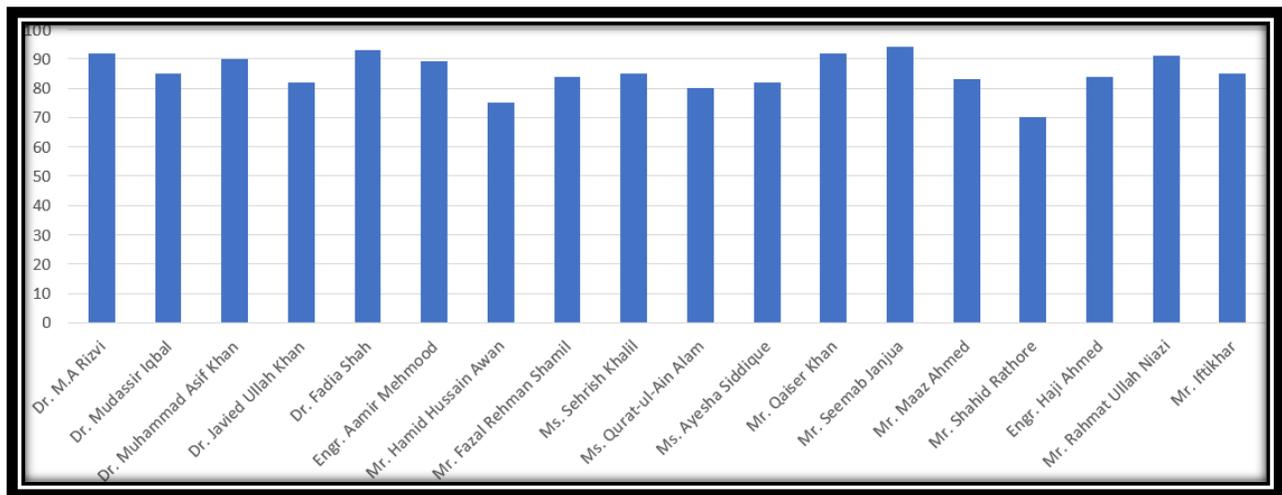
Program Assessment Results

This section contains the Teacher Assessment and Student Course Evaluation in summarizing form as well as in detail form.

Teacher Evaluation

This evaluation deal with the student's perspective of the teacher who taught courses of BSIT . The summarized results of the teachers who are teaching courses in the BS IT degree program are given in the graph below. Dr. M.A Rizvi has scored 92%, Dr. Mudassir Iqbal has scored 85%. Dr. M. Asif Khan has scored 90%, Dr. Javed Ullah Khan has scored 82%, Dr. Fadia Shah has scored 93%, Mr. Aamir Mehmood has scored 89%. Mr. Hamid Hussain Awan has scored 75%. Mr. Fazal Rehman Shamil has scored 84%, Ms. Sehrish Khalil has scored 85%, Ms. Qurat-ul-Ain Alam has scored 80%. Ms. Ayesha Siddique has scored 82%. Mr. Qaiser Khan has scored 92%. Mr. Seemab Janjua has scored 94%, Mr. Maaz Ahmed has scored 83%. Mr. Shahid Rathore has scored 70%. Mr. Haji Ahmed has scored 84%. The comparison of their score is shown below.

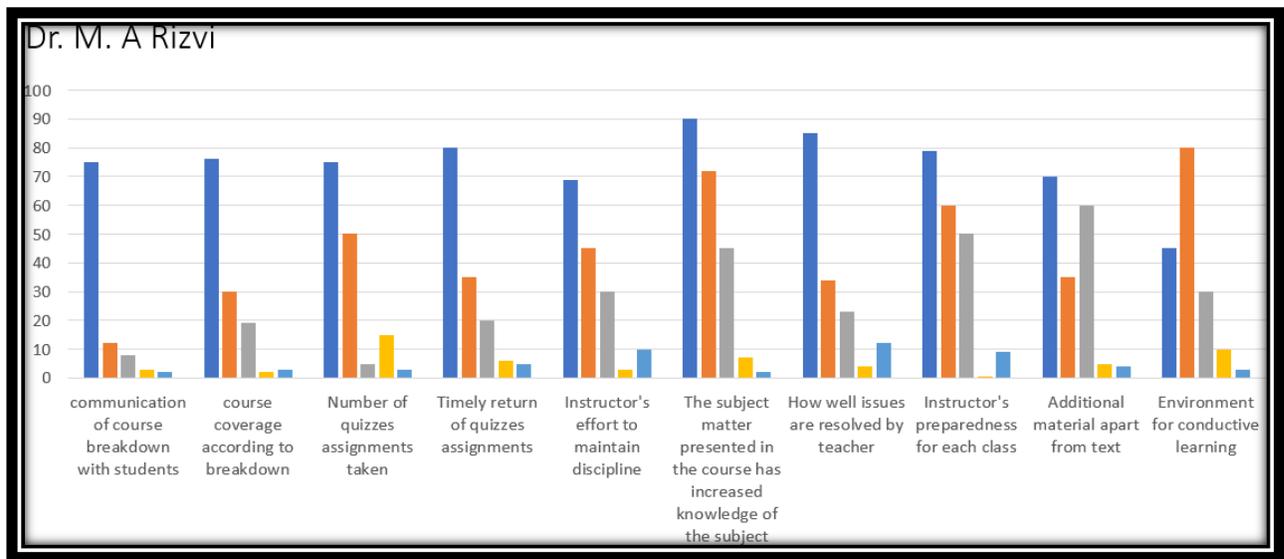
Figure 1: Teacher Evaluation Graph



A detailed evaluation of teachers is given below.

Dr. M. A Rizvi

The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 75% are strongly agreed, 12% are agreed, 8% are uncertain, 2% disagreed and 2% are strongly disagreed. The graph for “Number of quizzes assignments taken with correspondence to course breakdown”, shows that 75% are strongly agreed, 50% are agreed, 5% are uncertain, 15% disagreed and 2% are strongly disagreed. The graph for “The Instructor’s effort to maintain discipline.”, shows that 70% are strongly agreed, 45% are agreed, 30% are uncertain, 8% disagreed and 2% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 90% are strongly agreed, 70% are agreed, 45% are uncertain, 3% disagreed and 2% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

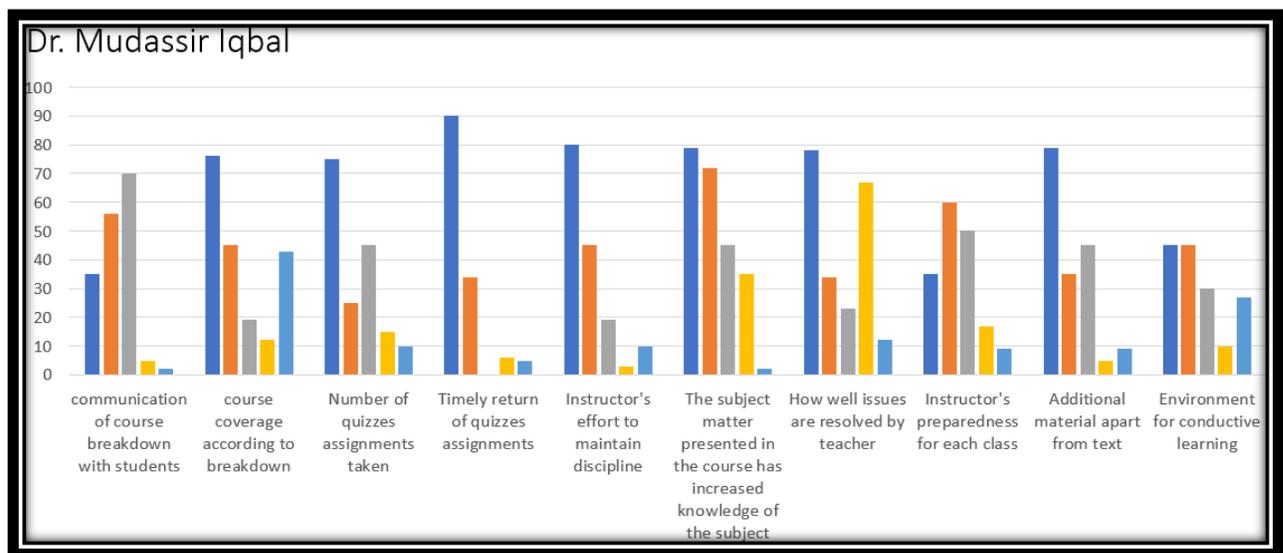
- Good grip at course
- Punctual
- Fair in examination
- Good Teaching method

Weakness:

- No significance weakness was found

Dr. Mudassir Iqbal

The graph for “The instructor is prepared for each class”, shows that 67% are strongly agreed, 13% are agreed, 15% are uncertain, 15% disagreed and 2% are strongly disagreed. “The Instructor provides additional material apart from text”, shows that 79% are strongly agreed, 25% are agreed, 30% are uncertain, 8% disagreed and 8% are strongly disagreed. The graph for “The instructor timely quizzes and assignments.”, shows that 90% are strongly agreed, 35% are agreed, 3% are uncertain, 3% disagreed and 2% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 80% are strongly agreed, 71% are agreed, 45% are uncertain, 35% disagreed and 2% are strongly disagreed.



General Comments of the Students about the Teacher

Strengths:

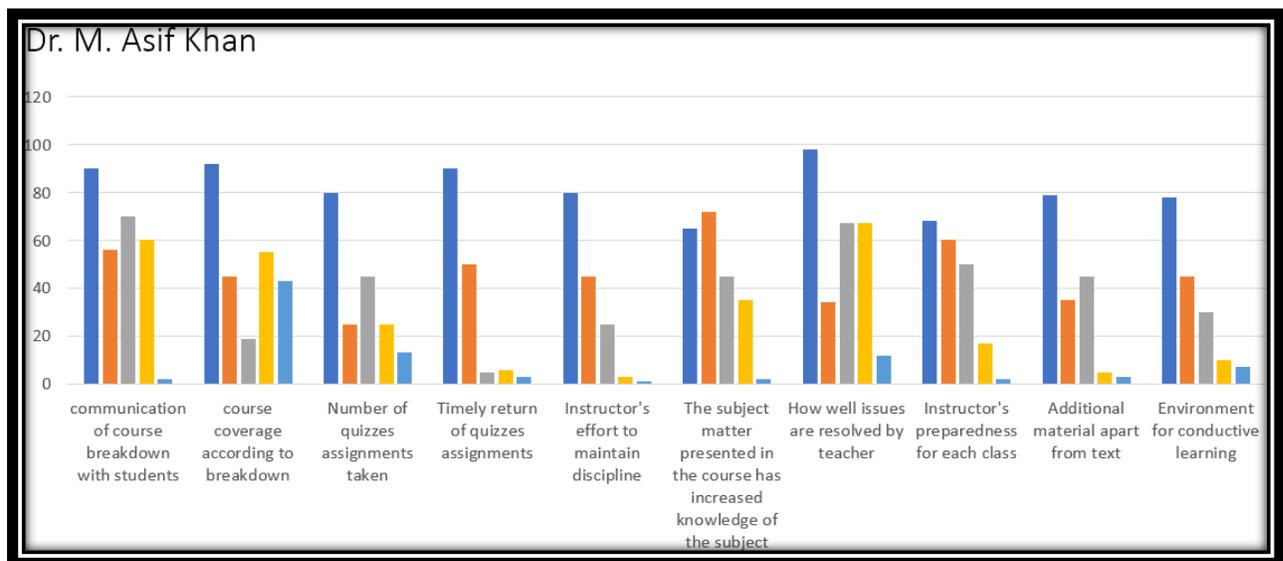
- Well prepared
- Punctual
- Fair in examination

Weakness:

- No significant weakness was found.

Dr. Muhammad Asif Khan

The graph for “Timely return quizzes and assignments” shows that 85% are strongly agreed, 50% are agreed, 5% are uncertain, 6% disagreed and 2% are strongly disagreed. “The Instructor provides additional material apart from text”, shows that 79% are strongly agreed, 32% are agreed, 42% are uncertain, 5% disagreed and 2% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.” shows that 79% are strongly agreed, 42% are agreed, 23% are uncertain, 9% disagreed and 7% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 65% are strongly agreed, 60% are agreed, 50% are uncertain, 17% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

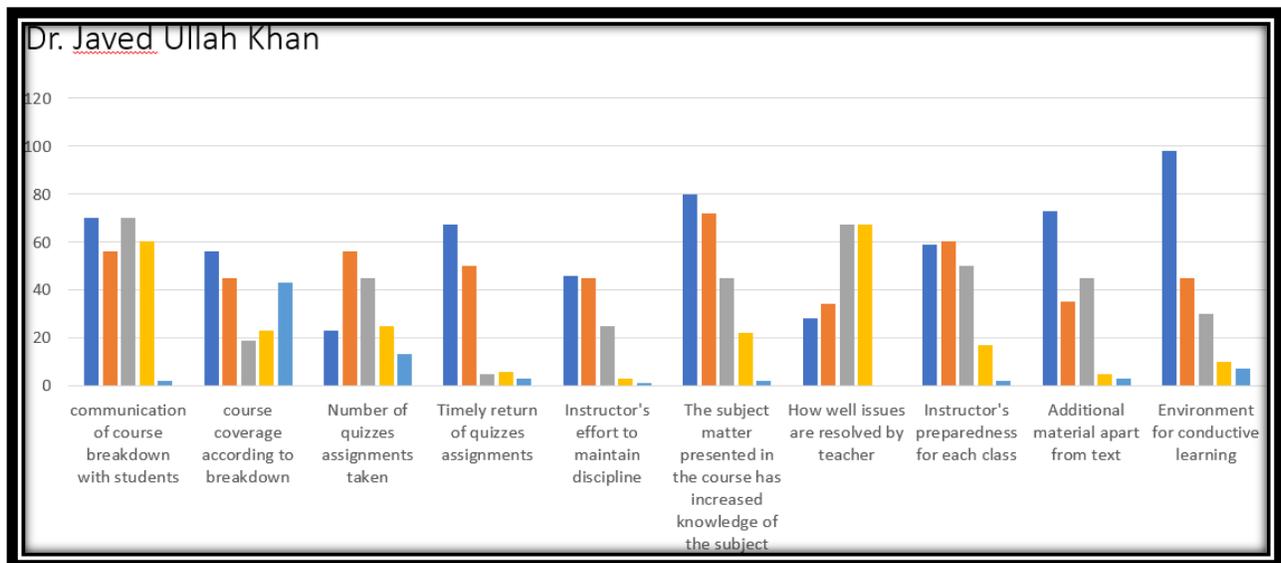
- Handles queries very well
- Understands students' problems
- Makes time for students

Weakness:

- No significant weakness was found.

Dr. Javied Ullah Khan

The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 70% are strongly agreed, 52% are agreed, 70% are uncertain, 60% disagreed and 1% are strongly disagreed. “The Instructor provides additional material apart from text”, shows that 71% are strongly agreed, 31% are agreed, 42% are uncertain, 5% disagreed and 2% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 98% are strongly agreed, 43% are agreed, 30% are uncertain, 9% disagreed and 3% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 75% are strongly agreed, 8% are agreed, 12% are uncertain, 5% disagreed and 6% are strongly disagreed. “The instructor is prepared for each class”, shows that 67% are strongly agreed, 13% are agreed, 15% are uncertain, 15% disagreed and 2% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 80% are strongly agreed, 70% are agreed, 42% are uncertain, 21% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

- Course intend delivered well
- Instructor demonstrate the knowledge of subject very well
- Instructor provides additional material apart from the text

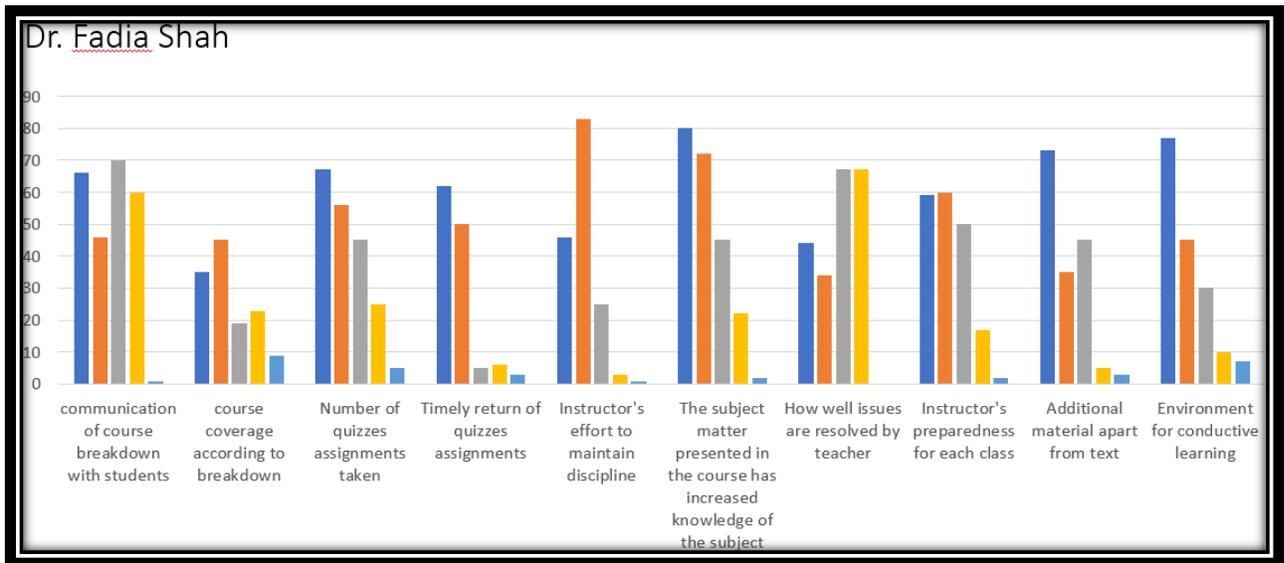
- Fair marking
- Kind teacher

Weakness:

- No significant weakness was found.

Dr. Fadia Shah

The graph for “The Instructor provides additional material apart from text”, shows that 71% are strongly agreed, 35% are agreed, 42% are uncertain, 2% disagreed and 1% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.” shows that 78% are strongly agreed, 46% are agreed, 40% are uncertain, 10% disagreed and 5% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” , shows that 80% are strongly agreed, 70% are agreed, 42% are uncertain, 20% disagreed and 1% are strongly disagreed. The graph for “Timely return quizzes and assignments” shows that 60% are strongly agreed, 50% are agreed, 4% are uncertain, 5% disagreed and 1% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 59% are strongly agreed, 60% are agreed, 50% are uncertain, 15% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

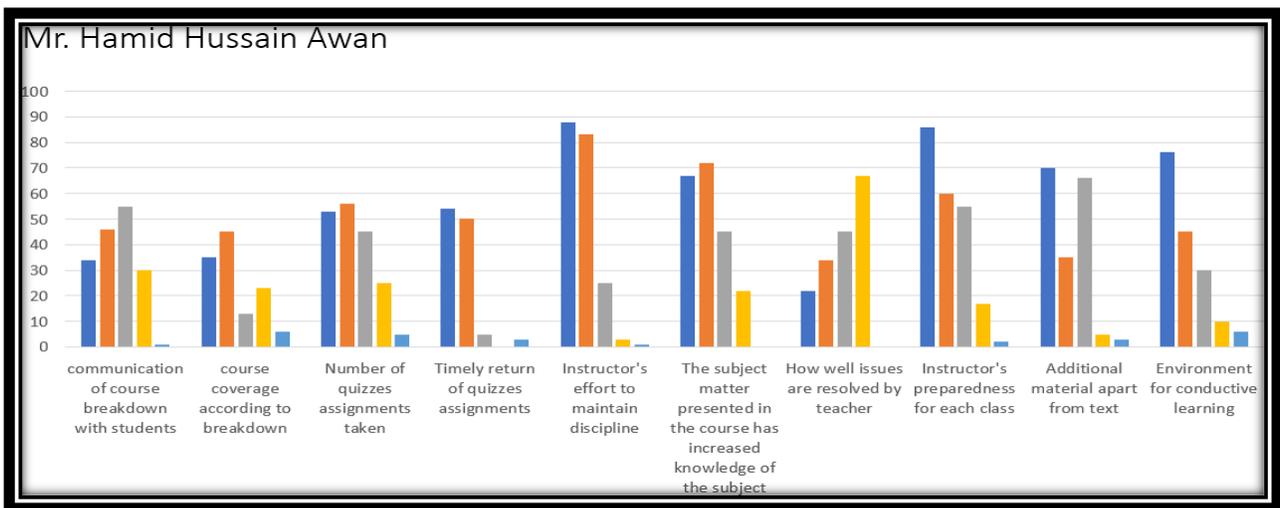
- Well prepared
- Punctual
- Instructor demonstrate the knowledge of subject very well
- Instructor provides additional material apart from the text
- Effective lab tasks

Weakness:

- No significant weakness was found.

Mr. Hamid Hussain Awan

The graph for “The instructor is prepared for each class”, shows that 85% are strongly agreed, 60% are agreed, 52% are uncertain, 12% disagreed and 2% are strongly disagreed. “The subject matter presented in the course has increased your knowledge of the subject” shows that 69% are strongly agreed, 70% are agreed, 42% are uncertain, 20% disagreed and 2% are strongly disagreed. “The Instructor provides additional material apart from text”, shows that 70% are strongly agreed, 33% are agreed, 66% are uncertain, 5% disagreed and 2% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 75% are strongly agreed, 45% are agreed, 30% are uncertain, 10% disagreed and 2% are strongly disagreed. The graph for The graph for The graph for “The Instructor’s effort to maintain discipline.”, shows that 87% are strongly agreed, 83% are agreed, 22% are uncertain, 1% disagreed and 2% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

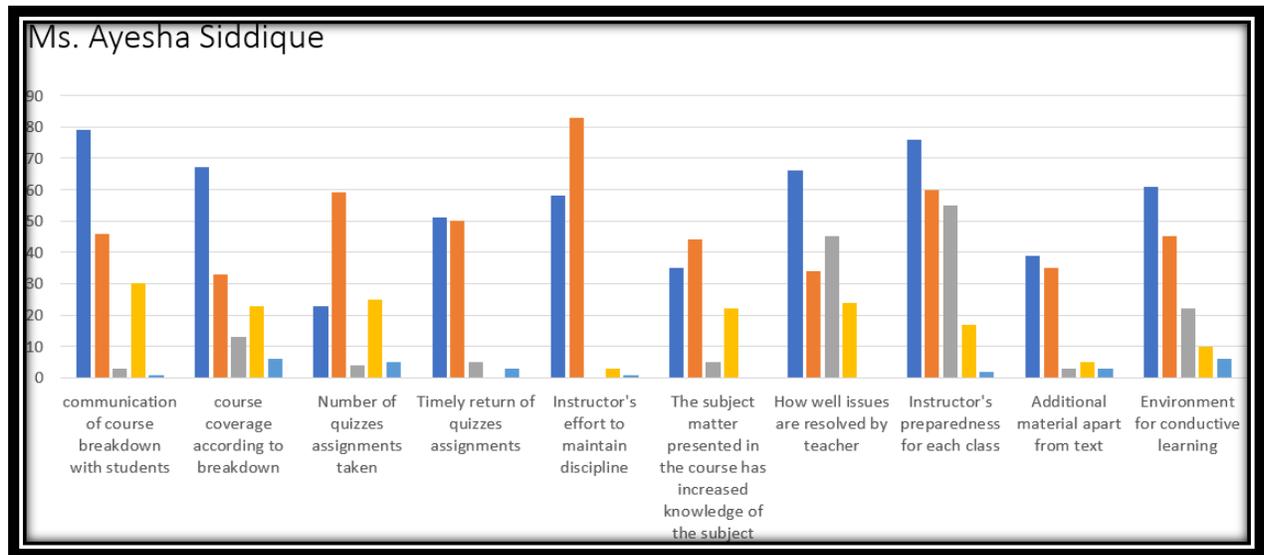
- Well-rehearsed
- Work hard on making assignments and quizzes
- Fair marking

Weakness:

- No significant weakness was found

Ms.Ayesha Siddique:

The graph for “The instructor is prepared for each class”, shows that 78% are strongly agreed, 60% are agreed, 55% are uncertain, 13% disagreed and 2% are strongly disagreed. “The Instructor provides additional material a part from text”, shows that 40% are strongly agreed, 35% are agreed, 2% are uncertain, 5% disagreed and 2% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 60% are strongly agreed, 45% are agreed, 20% are uncertain, 10% disagreed and 5% are strongly disagreed .The graph for “The Instructor’s effort to maintain discipline.”, shows that 59% are strongly agreed, 81% are agreed, 0% are uncertain, 2% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

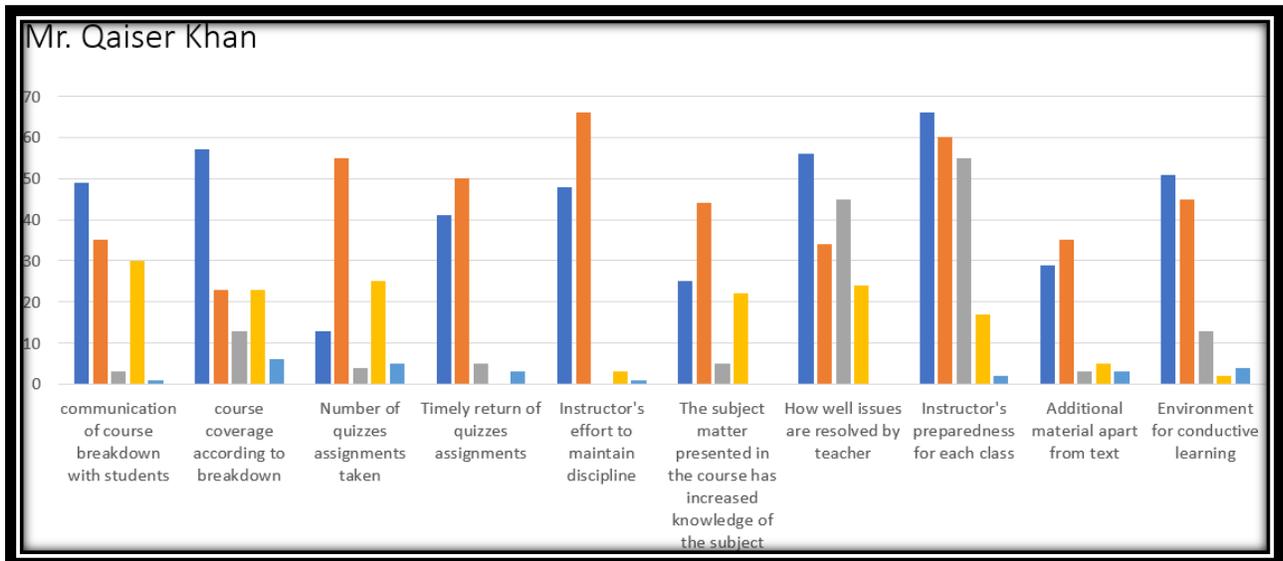
- Punctual in classes and fair in examination
- Well prepared
- Good communication

Weaknesses:

- No significant weakness was found

Mr. Qaiser Khan

The graph for “The instructor is prepared for each class”, shows that 67% are strongly agreed, 59% are agreed, 55% are uncertain, 17% disagreed and 1% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 50% are strongly agreed, 45% are agreed, 12% are uncertain, 1% disagreed and 3% are strongly disagreed. The graph for “The subject matter presented in the course has increased your knowledge of the subject” shows that 25% are strongly agreed, 43% are agreed, 5% are uncertain, 22% disagreed and 2% are strongly disagreed. The graph for “The Instructor’s effort to maintain discipline.”, shows that 48% are strongly agreed, 66% are agreed, 0% are uncertain, 2% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

- Well-rehearsed
- Makes fair judgement in class matters
- Maintains an environment that is conducive to learning

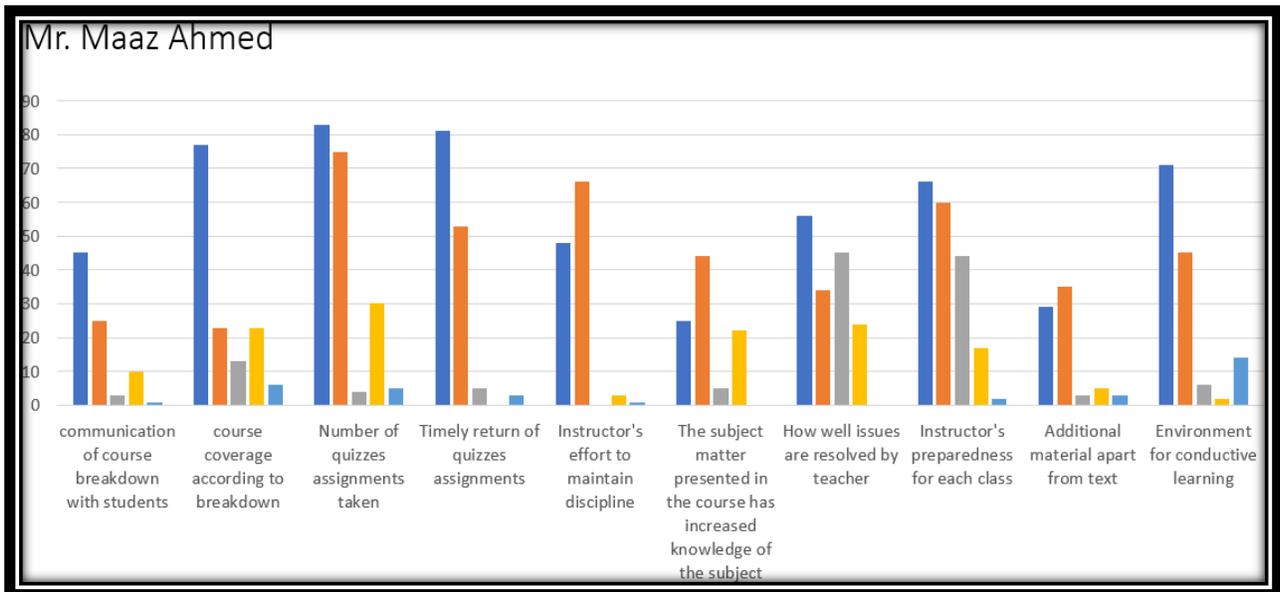
- Punctual and respects the students
- The Instructor provides additional material apart from text
- The subject matter presented in the course has increased your knowledge of the subject

Weaknesses:

- No significant weakness was found.

Mr. Maaz Ahmed

The graph for “The instructor is prepared for each class”, shows that 65% are strongly agreed, 60% are agreed, 42% are uncertain, 16% disagreed and 1% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 70% are strongly agreed, 44% are agreed, 5% are uncertain, 2% disagreed and 11% are strongly disagreed. The graph for “Number of quizzes assignments taken with correspondence to course breakdown” shows that 82% are strongly agreed, 74% are agreed, 4% are uncertain, 30% disagreed and 1% are strongly disagreed. The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 76% are strongly agreed, 22% are agreed, 12% are uncertain, 22% disagreed and 3% are strongly disagreed. The graph for “The Instructor’s effort to maintain discipline.”, shows that 48% are strongly agreed, 68% are agreed, 0% are uncertain, 2 disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

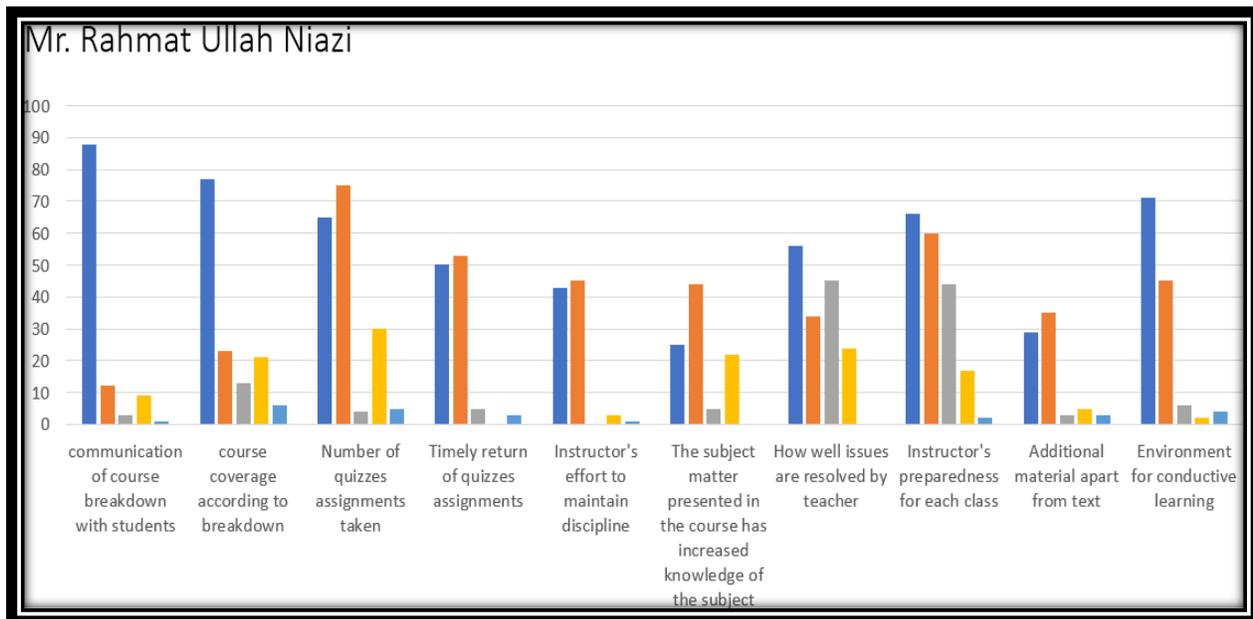
- Comprehensive course material
- Good Teaching method
- Take Quiz Weekly

Weakness:

- No significant weakness was found.

Mr. Rahmat Ullah Niazi

The graph for “The instructor is prepared for each class”, shows that 65% are strongly agreed, 60% are agreed, 42% are uncertain, 17% disagreed and 1% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 70% are strongly agreed, 45% are agreed, 5% are uncertain, 2% disagreed and 3% are strongly disagreed. The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 89% are strongly agreed, 12% are agreed, 5% are uncertain, 8% disagreed and 2% are strongly disagreed. The graph for “Number of quizzes assignments taken with correspondence to course breakdown”, shows that 65% are strongly agreed, 60% are agreed, 40% are uncertain, 15% disagreed and 2% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

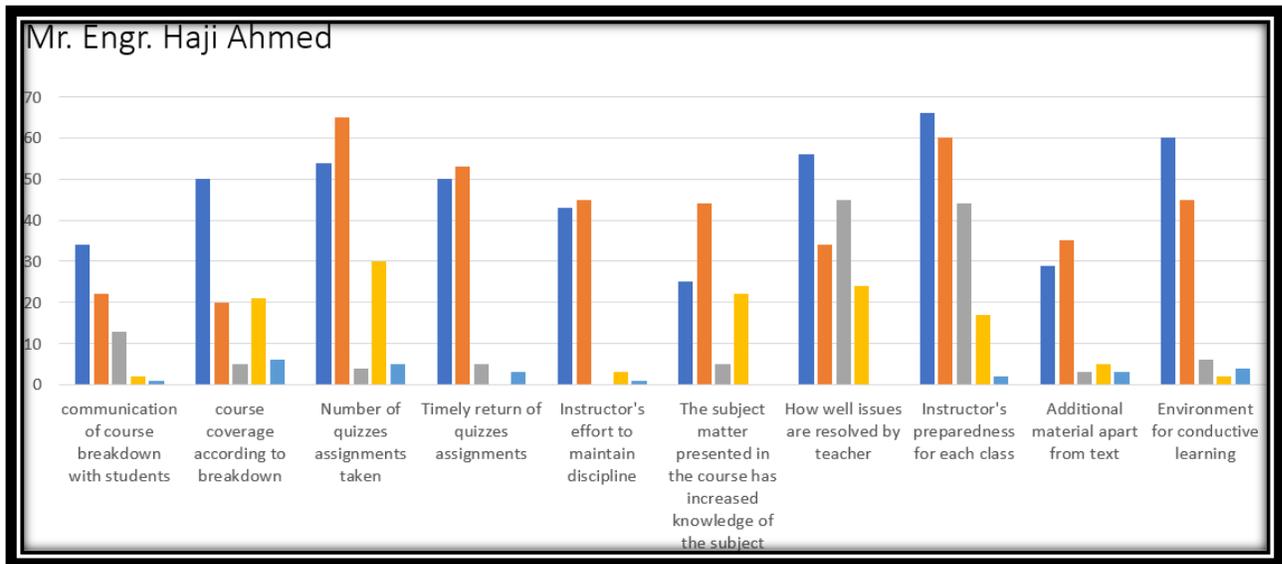
- Good pace
- Provides Relevant Material
- Respects Students

Weakness:

- No significant weakness was found

Mr. Engr. Haji Ahmed (CS 432)

The graph for “The instructor is prepared for each class”, shows that 68% are strongly agreed, 60% are agreed, 45% are uncertain, 15% disagreed and 12% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 60% are strongly agreed, 45% are agreed, 8% are uncertain, 2% disagreed and 5% are strongly disagreed. The graph for “Coverage of course according to breakdown” shows that 50% are strongly agreed, 20% are agreed, 5% are uncertain, 20% disagreed and 5% are strongly disagreed. The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 50% are strongly agreed, 20-% are agreed, 4% are uncertain, 20% disagreed and 5% are strongly disagreed. “Number of quizzes assignments taken with correspondence to course breakdown” , shows that 55% are strongly agreed, 68% are agreed, 5% are uncertain, 30% disagreed and 6% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

- Course material available
- The instructor is well prepared for each class
- The Instructor maintains an environment that is conducive to learning
- Good pace

Weakness:

- No significant weakness was found

Student Course Evaluation

The results of course evaluations of BS (IT) degree program are also summarized. The teacher who taught CS-323 has scored 78%, the teacher for course CS-423 has scored 80%, the teacher for CS-443 has scored 89%, the teacher for CS-335 has scored 75%, the teacher for CS-583 has scored 85%, the teacher for CS-400 has scored 88%, the teacher for CS-453 has scored 90%, the teacher for CS-577 has scored 80%, the teacher for CS-497 has scored 65%, the teacher for CS-698 has scored 71%, the teacher for CS-699 has scored 77%, the teacher for CS-300 has scored 91%, the teacher for ENG-305 has scored 92%, the teacher for ENG-315 has scored 94%, the teacher for ENG-325 has scored 87%, the teacher who taught SSH-307 has scored 82%, the teacher for course IS-302 has scored 81%, the teacher for SSH-302 has scored 78%, the teacher for MGT-322 has scored 67%, the teacher for MGT-351 has scored 68%, the teacher for MGT-411 has scored 74%, the teacher for CS-555 has scored 80%, the teacher for CS-556 has scored 71%, the teacher for CS-566 has scored 81%, the teacher for CS-584 has scored 71%, the teacher for CS-597 has scored 88%, the teacher for CS-655 has scored 93%, the teacher for CS-432 has scored 82%, the teacher for CS-525 has scored 85%.

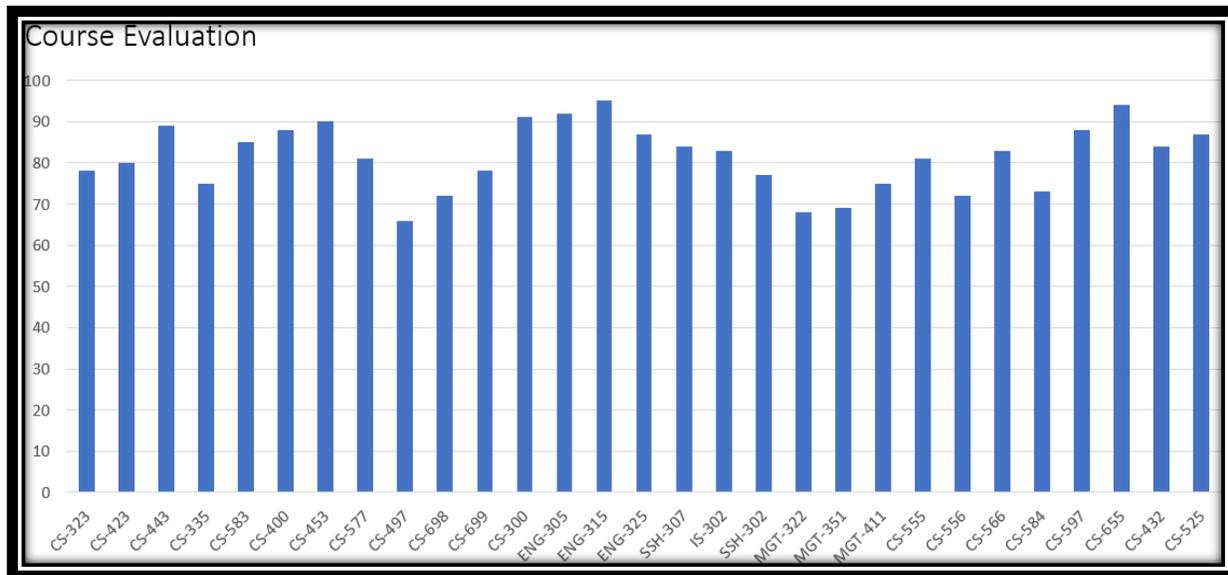
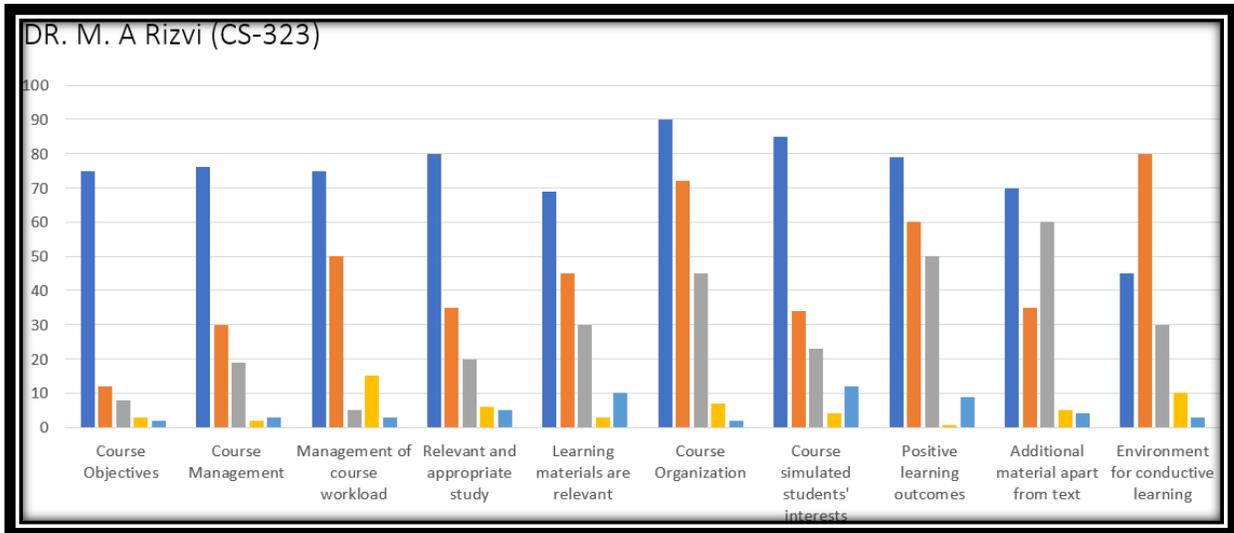


Figure 2: Course Evaluation Graph

Each course evaluation is presented graphically below.

Dr. M. A Rizvi (CS-323)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 73% strongly agreed, 11% agreed, 8% are uncertain, 5% disagreed and 2% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 73% strongly agreed, 50% agreed, 10% are uncertain, 5% disagreed and 2% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 70% strongly agreed, 34% agreed, 60 are uncertain, 3% disagreed and 2% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 90% strongly agreed, 70% agreed, 42% are uncertain, 5% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 82% strongly agreed, 32% agreed, 22% are uncertain, 5% disagreed and 11% strongly disagree. The graph “Course was well structured to achieve the learning outcomes” shows that 79% were strongly agreed, 60% agreed, 50% are uncertain, 1% disagreed and 7% strongly disagree.



General Comments by Students about this course:

Strengths:

- The Course Objectives were clear
- The Course workload was manageable
- The course was well organized
- The course simulated students interests and thought on the subject

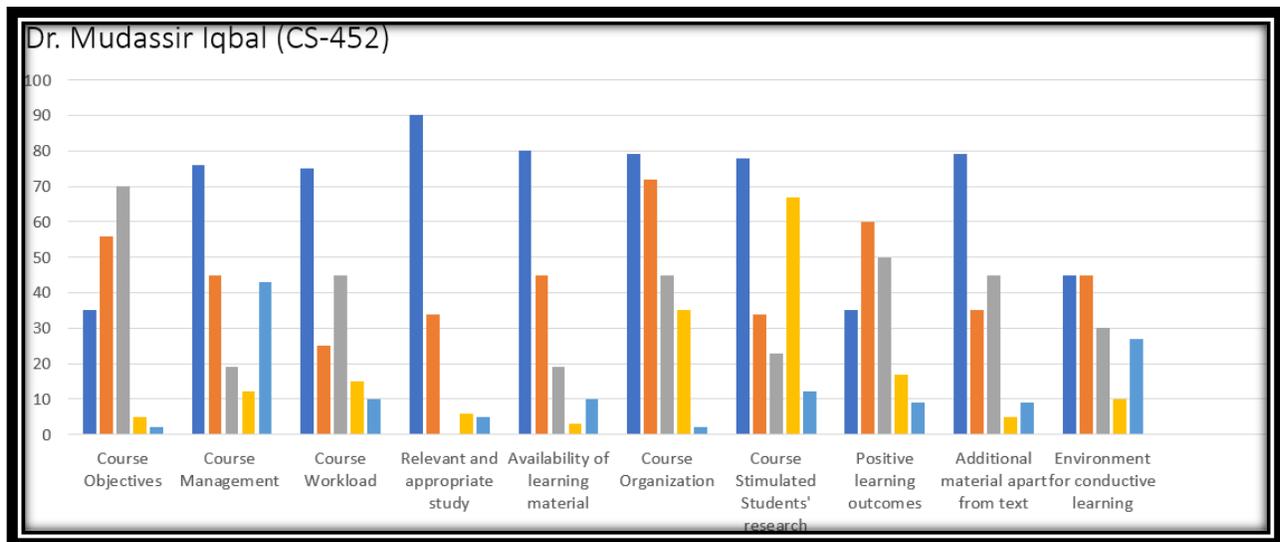
Weaknesses:

- No significant weakness was found

Dr. Mudassir Iqbal (CS-452)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 35% strongly agreed, 55% agreed, 70% are uncertain, 5% disagreed and 3% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 72% strongly agreed, 23% agreed, 42% are uncertain, 15% disagreed and 10% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 42% strongly agreed, 42% agreed, 30% are uncertain, 10% disagreed and 8% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 80% strongly agreed, 71% agreed, 42% are

uncertain, 32% disagreed and 1% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 79% strongly agreed, 32% agreed, 22% are uncertain, 65% disagreed and 11% strongly disagree.



General Comments by Students about this course:

Strengths:

- The Course workload was manageable
- The course was well organized

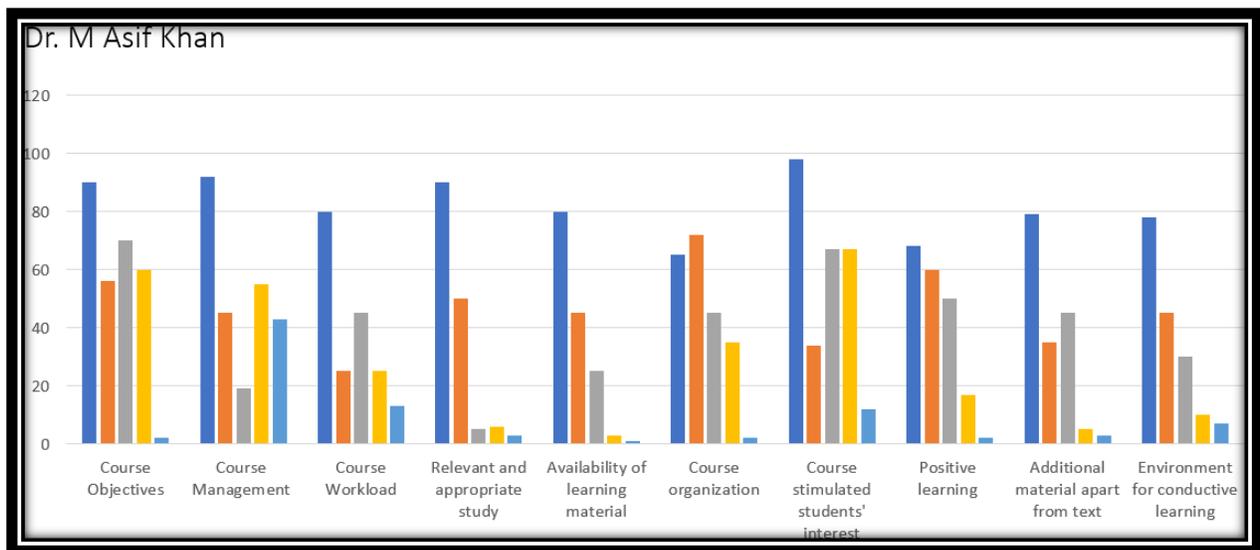
Weaknesses:

- The course objective should be clear.
- The course needs to be well structured to achieve the learning outcome.

Dr. M Asif Khan (STT 500)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 85% strongly agreed, 48% agreed, 65% are uncertain, 60% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 80% strongly agreed, 23% agreed, 42% are uncertain, 10% disagreed and 3% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.)

were relevant and useful” reflects this, 80% strongly agreed, 43% agreed, 23% are uncertain, 2% disagreed and 1% strongly disagree. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 65% strongly agreed, 60% agreed, 50% are uncertain, 10% disagreed and 1% strongly disagree. The course was very well organized. The graph “Relevant and appropriate study” shows that 90% strongly agreed, 50% agreed, 3% are uncertain, 5% disagreed and 1% strongly disagree.



General Comments by Students about this course:

Strengths:

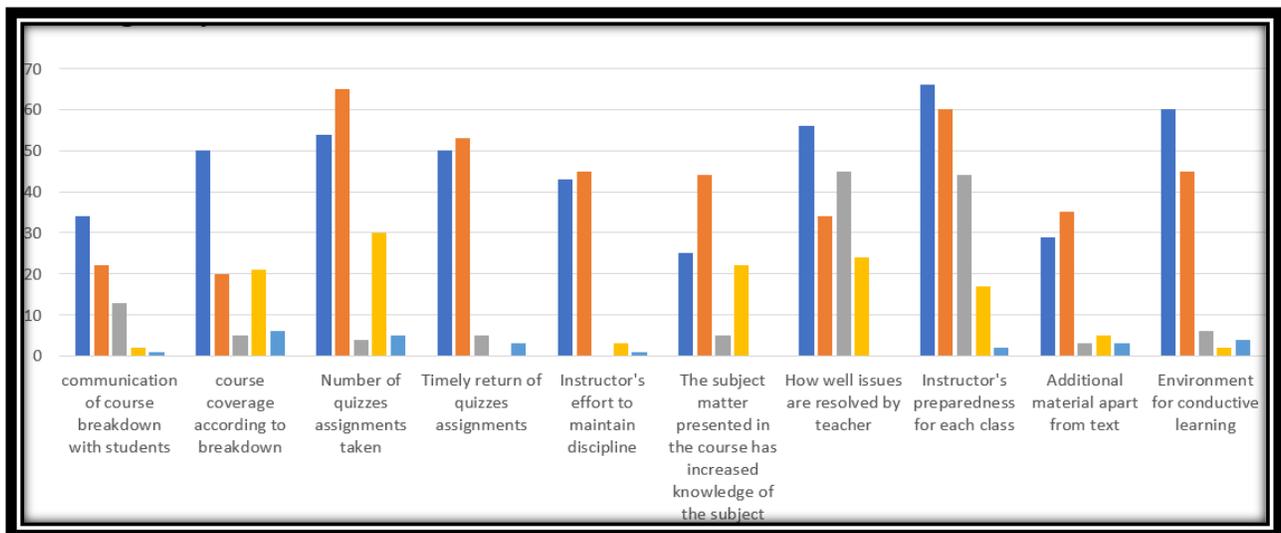
- The Course workload was manageable
- Clear Objectives
- Well organized material

Weaknesses:

- Course need to be well structured to achieve the learning outcomes

Dr. Javaid Ullah Khan (CS-542)

The graph for “The instructor is prepared for each class”, shows that 68% are strongly agreed, 60% are agreed, 45% are uncertain, 15% disagreed and 12% are strongly disagreed. The graph for “The Instructor maintains an environment that is conducive to learning.”, shows that 60% are strongly agreed, 45% are agreed, 8% are uncertain, 2% disagreed and 5% are strongly disagreed. The graph for “Coverage of course according to breakdown” shows that 50% are strongly agreed, 20% are agreed, 5% are uncertain, 20% disagreed and 5% are strongly disagreed. The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 50% are strongly agreed, 20% are agreed, 4% are uncertain, 20% disagreed and 5% are strongly disagreed. “Number of quizzes assignments taken with correspondence to course breakdown” , shows that 55% are strongly agreed, 68% are agreed, 5% are uncertain, 30% disagreed and 6% are strongly disagreed.



General Comments by Students about this course:

Strengths:

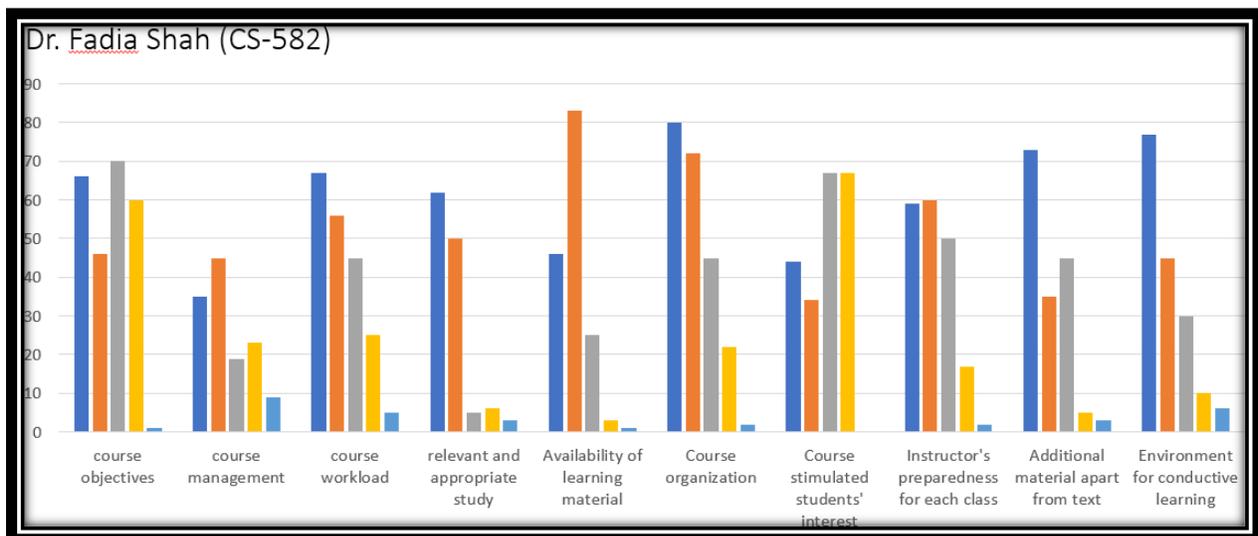
- Understanding of the course
- Clear Objectives
- Well organized material

Weaknesses:

- No significant weakness was found

Dr. Fadia Shah (CS-582)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 68% strongly agreed, 45% agreed, 70% are uncertain, 60% disagreed and 0% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 68% strongly agreed, 55% agreed, 42% are uncertain, 22% disagreed and 3% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 45% strongly agreed, 82% agreed, 23% are uncertain, 3% disagreed and 1% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized” , 80% strongly agreed, 71% agreed, 45% are uncertain, 20% disagreed and 1% strongly disagree. The graph “The instructor maintains an environment that is conducive to learning.” shows that 78% were strongly agreed, 45% agreed, 30% are uncertain, 10% disagreed and 5% strongly disagree.



General Comments by Students about this course:

Strengths:

- The Course Objectives were clear
- The Course workload was manageable
- Learning materials (lesson plans, course notes etc.) were relevant and useful
- The course was well organized

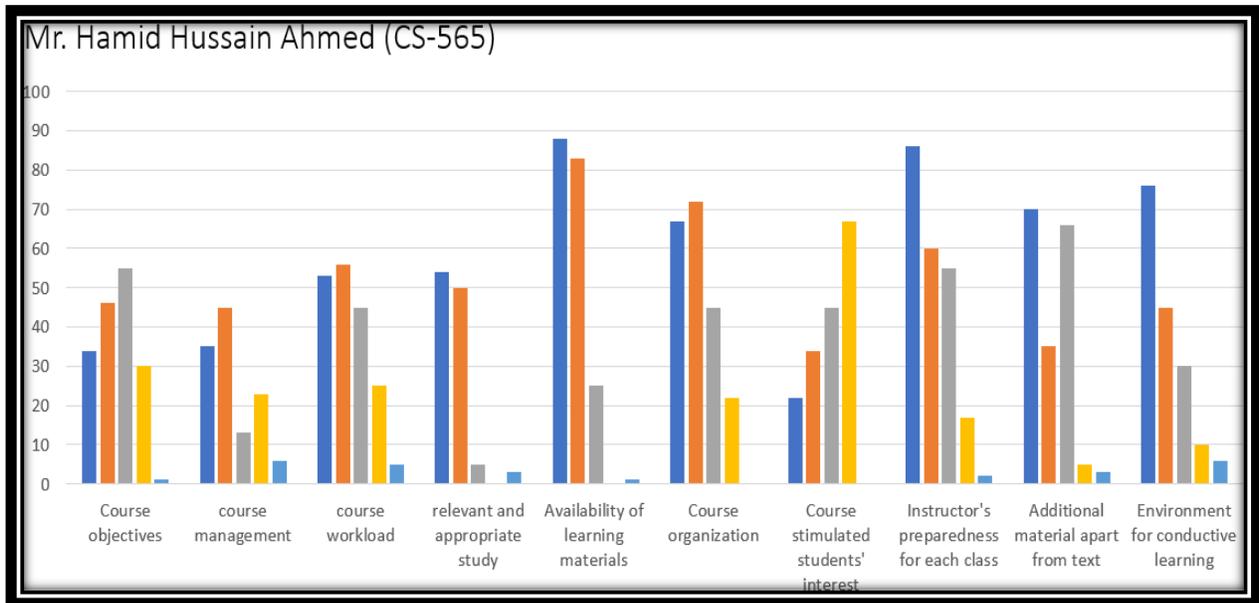
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

Weaknesses:

- No significant weakness was found

Mr. Hamid Hussain Awan (CS-565)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 52% strongly agreed, 55% agreed, 45% are uncertain, 25% disagreed and 5% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 88% strongly agreed, 82% agreed, 0% are uncertain, 1% disagreed and 1% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 68% strongly agreed, 71% agreed, 45% are uncertain, 20% disagreed and 0% strongly disagree. The graph “The Instructor provides additional material apart from text” shows that 70% strongly agreed, 35% agreed, 65% are uncertain, 4% disagreed and 2% strongly disagree. The graph “The Instructor maintains an environment that is conducive to learning” shows that 75% are strongly agreed, 45% are agreed, 30% are uncertain, 10% disagreed and 5% are strongly disagreed.



General Comments by Students about this course:

Strengths:

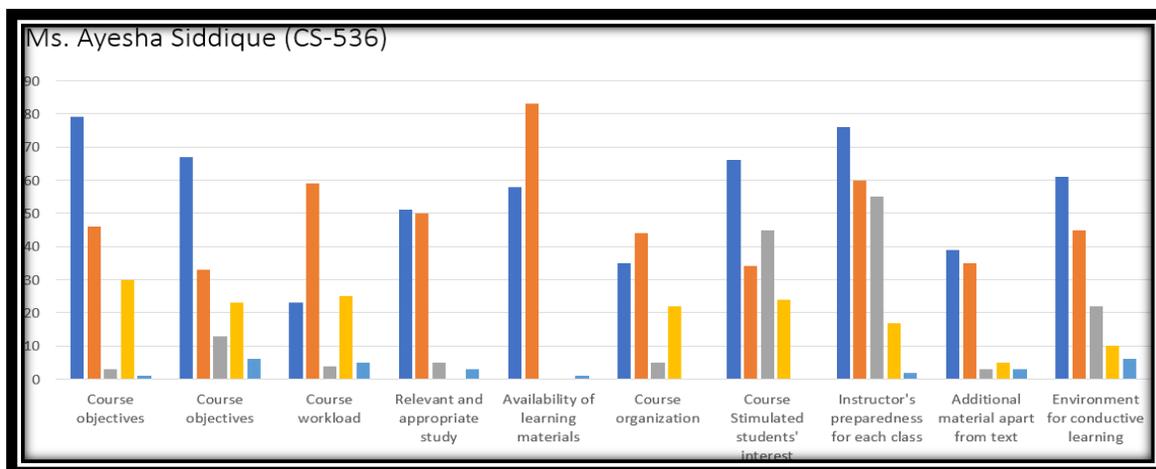
- Course was well structured to achieve the learning outcomes
- Clear Objectives
- The Course workload was manageable

Weaknesses:

- No significance weakness was found.

Ms. Ayesha Siddique (CS-536)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 79% strongly agreed, 46% agreed, 2% are uncertain, 30% disagreed and 1% strongly disagree. The teacher has managed the course workload very well. The graph “additional material a part from text” show this, 42% strongly agreed, 37% agreed, 2% are uncertain, 5% disagreed and 3% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 58% strongly agreed, 82% agreed, 0% are uncertain, 0% disagreed and 1% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 33% strongly agreed, 43% agreed, 5% are uncertain, 20% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 66% strongly agreed, 33% agreed, 42% are uncertain, 21% disagreed and 0% strongly disagree. The graph “availability of learning material” shows that 58% were strongly agreed, 81% agreed, 0% are uncertain, 0% disagreed and 1% strongly disagree.



General Comments by Students about this course:

Strengths:

- Understanding of the course
- Clear Objectives
- The Course workload was manageable
- Well organized material
- Course was well structured to achieve the learning outcomes

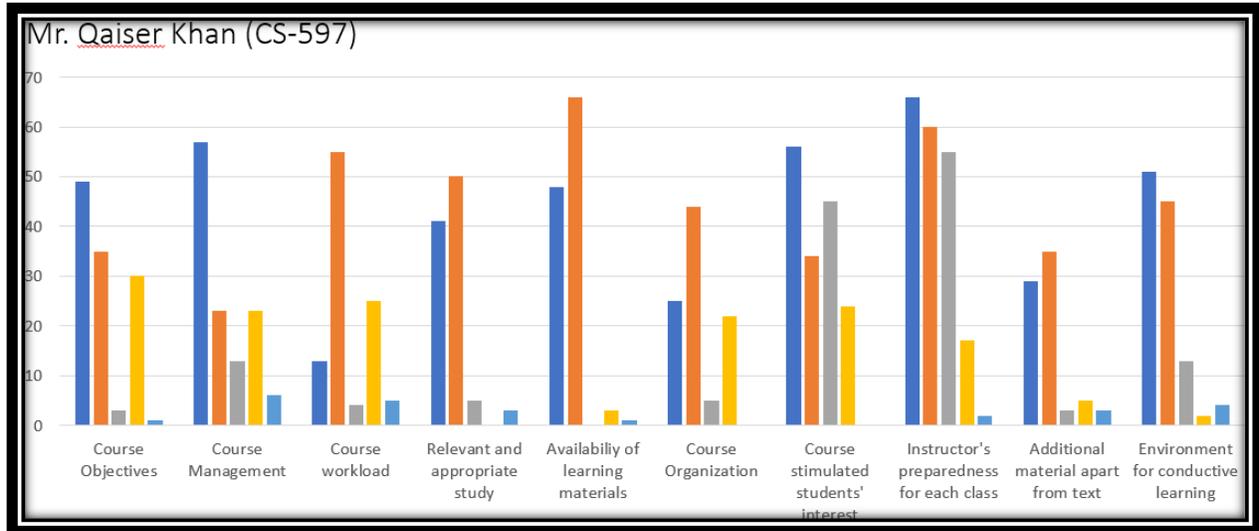
Weaknesses:

- No significance weakness was found

Mr. Oaiser Khan (CS - 597)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 49% strongly agreed, 35% agreed, 5% are uncertain, 30% disagreed and 1% strongly disagreed. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 12% strongly agreed, 55% agreed, 5% are uncertain, 25% disagreed and 6% strongly disagreed. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 49% strongly agreed, 66% agreed, 0% are uncertain, 4% disagreed and 1% strongly disagreed. The course was very well organized. This can be seen in the graph “The instructor is prepared for each class” , 65% strongly agreed, 60% agreed, 55% are uncertain, 16% disagreed and 1% strongly disagreed. The graph “The course simulated students

interests and thought on the subject” shows that 55% strongly agreed, 34% agreed, 45% are uncertain, 22% disagreed and 0% strongly disagree.



General Comments by Students about this course:

Strengths:

- Course objectives are clear.
- Learning materials (lesson plans, course notes etc.) were relevant and useful
- Course was well structured to achieve the learning outcomes
- The Course workload was manageable

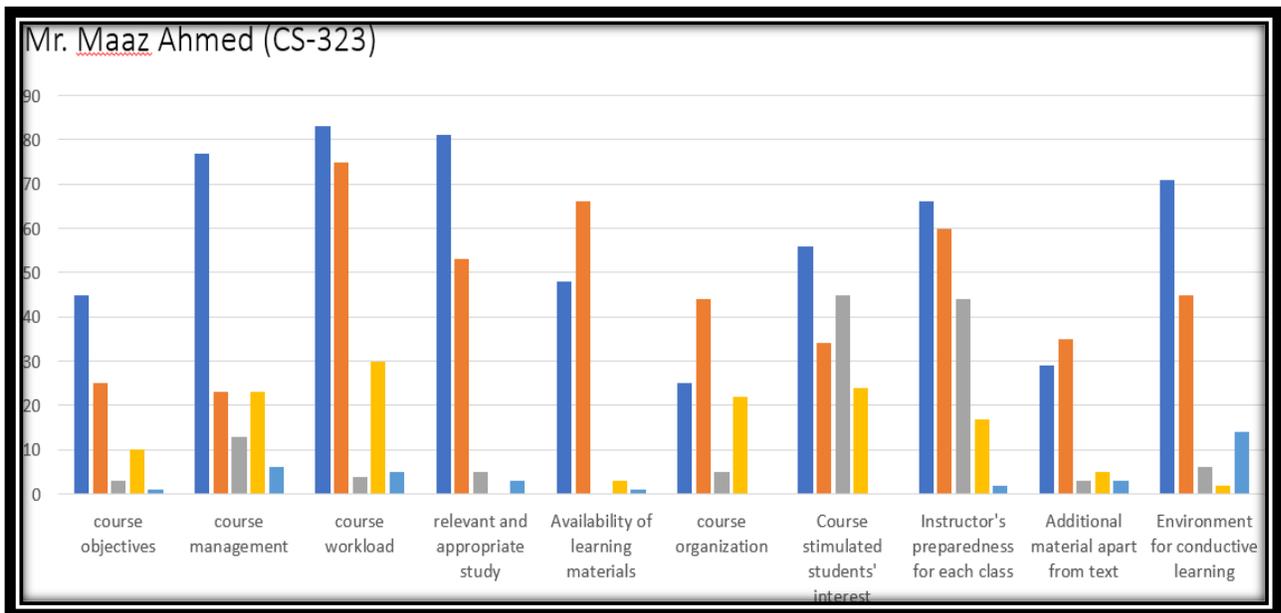
Weaknesses:

No significance weakness was found

Mr. Maaz Ahmed (CS-323)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 43% strongly agreed, 25% agreed, 5% are uncertain, 10% disagreed and 1% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 82% strongly agreed, 75% agreed, 5% are uncertain, 30% disagreed and 6% strongly disagree. The instructor recommended relevant

and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 48% strongly agreed, 65% agreed, 0% are uncertain, 3% disagreed and 1% strongly disagree. The course was very well organized. This can be seen in the graph “The course was well organized”, 25% strongly agreed, 43% agreed, 5% are uncertain, 21% disagreed and 0% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 56% strongly agreed, 32% agreed, 41% are uncertain, 21% disagreed and 0% strongly disagree. The graph “Course was well structured to achieve the learning outcomes” shows that 78% were strongly agreed, 22% agreed, 11% are uncertain, 22% disagreed and 5% strongly disagree.



General Comments by Students about this course:

Strengths:

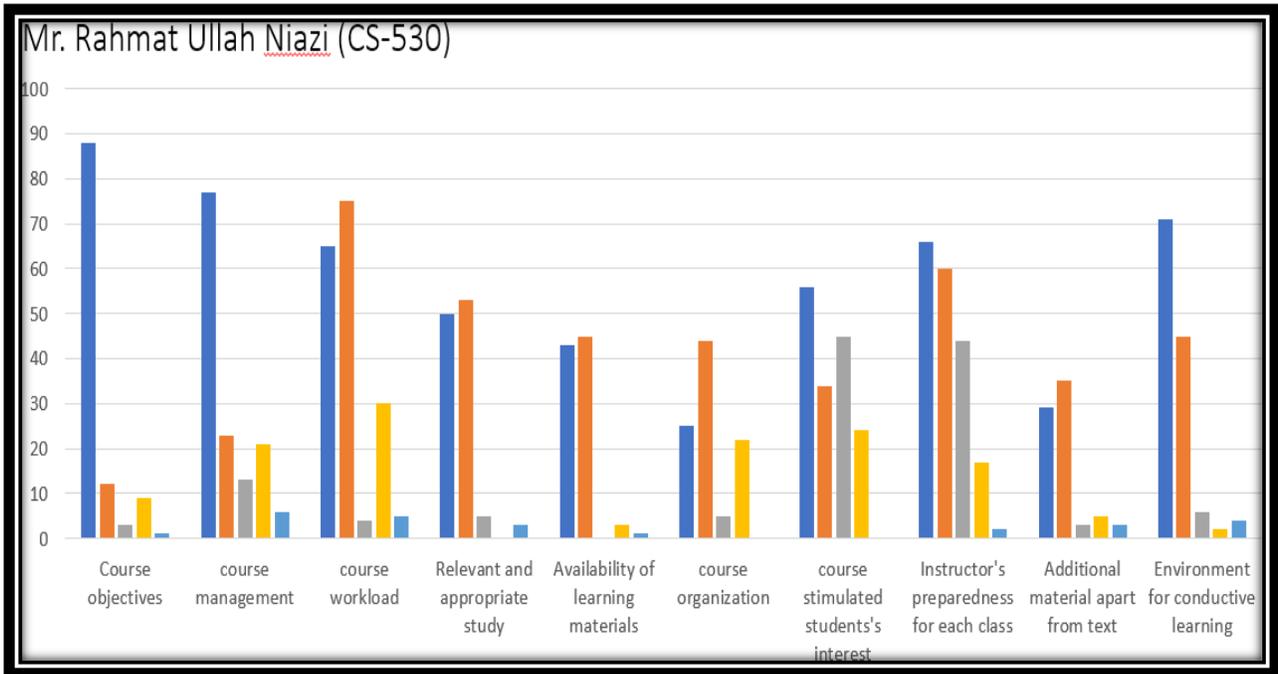
- The Course workload was manageable
- Clear Objectives
- Well organized material

Weaknesses:

- No significance weakness was found

Mr. Rahmat Ullah Niazi (CS-530)

The graph shows the details of the evaluation. The course objectives were clear and course proceeded according to the way of achieving this. The graph of “The Course Objectives were clear” indicates this, 89% strongly agreed, 11% agreed, 5% are uncertain, 8% disagreed and 1% strongly disagree. The teacher has managed the course workload very well. The graph “The Course workload was manageable” show this, 62% strongly agreed, 73% agreed, 5% are uncertain, 30% disagreed and 6% strongly disagree. The instructor recommended relevant and appropriate study material for this course. The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 43% strongly agreed, 44% agreed, 0% are uncertain, 2% disagreed and 1% strongly disagree. The course was very well organized. This can be seen in the graph “For Course management” ,77% strongly agreed, 22% agreed, 11% are uncertain, 6% disagreed and 5% strongly disagree. The graph “The course simulated students interests and thought on the subject” shows that 55% strongly agreed, 33% agreed, 42% are uncertain, 21% disagreed and 0% strongly disagree.



General Comments by Students about this course:

Strengths:

- Active participation
- Course objectives not clear
- Learning material (lesson plans, course notes etc.) was not relevant and useful
- Course needs to be well structured to achieve the learning outcomes
- The Course workload should be manageable
- The course should simulate students interests and thought on the subject

Weaknesses:

- No significance weakness was found

Survey of Graduating Students

A survey is conducted for the students of last semester and the results are summarized. The graph from the summarized results shows that 78% students are very satisfied from the program, 10% are satisfied, 8% are uncertain, 3% are dissatisfied and 2% are very dissatisfied.

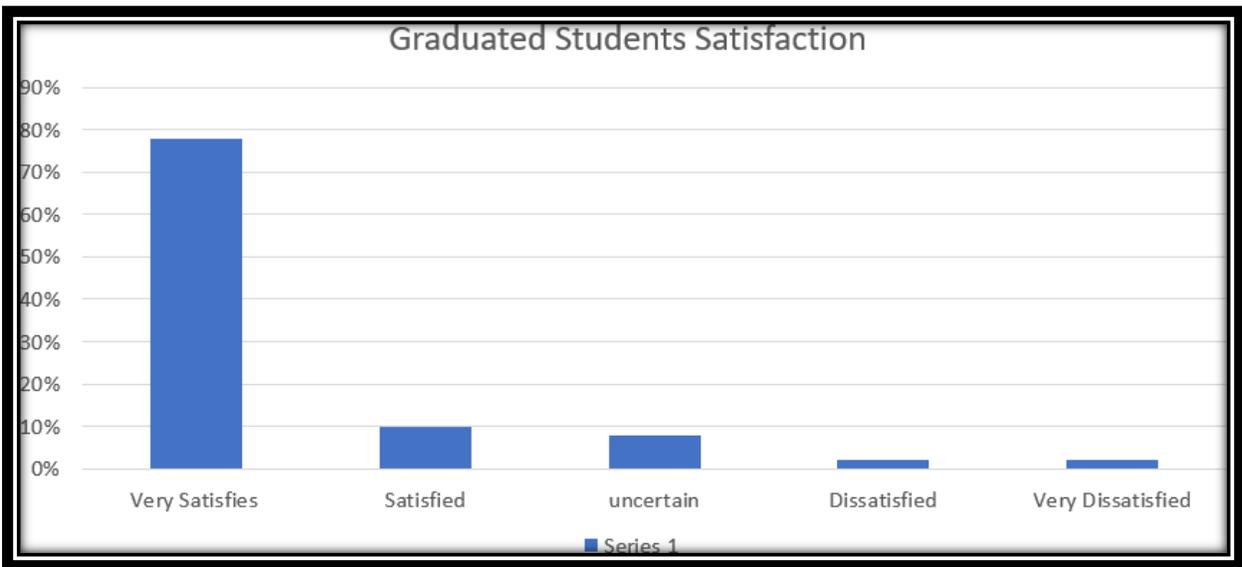


Figure 3: Survey of Graduating Students

Best Aspects of the Program:

- Qualified faculty
- Director helpful and address the student's problem on time
- Introduction to the new technologies
- Much focus on the theoretical concepts which help to continue further studies.

Weaknesses:

- More lab time should be provided which should be independent of the timetable so that students can work what work they want to do.
- More electives should be included.

Standard 1-3: The results of the program's assessment and the extent to which they are used to improve the program must be documented.

Strengths of Program/Institute

The course curriculum is well designed and updated. The institute has hired new faculty members to meet the needs of the students. The curriculum is up to date.

Weakness of Program/Institute

There should be more sitting place on the campus in extreme summer weather for the visiting faculty.

Standard 1-4: The institute must assess its overall performance periodically using quantifiable measures.

As the BS IT program is not a research-oriented program. At BS IT levels, such topics are covered which are related to the latest trends so that students can have knowledge of the research fields and final degree projects are preferred to be the implementation of some latest existing research work.

Table 3 Performance measures for research activities

Faculty	Publications in Journals/Conferences	Publications in proceedings/abstracts	Research Projects
Dr. M. A Rizvi	6	7	2
Dr. Mudassir Iqbal	5	2	4
Dr. M Asif Khan	6	1	3
Dr. Javaid Ullah Khan	4	3	-
Dr. Fadia Shah	2	3	3
Engr. Aamir Mehmood	-	3	3
Mr. Hamid Hussain Awan	1	3	-
Mr. Fazal Rehman Shamil	7	2	4

Ms. Sehrish Khalil	1	-	-
Ms. Qurat-Ul-Ain Alam	1	3	1
Ms. Ayesha Siddique	-	-	-
Mr. Qaiser Khan	1	2	-
Mr. Seemab Janjua	3	-	5
Mr. Maaz Ahmed	-	-	-
Mr. Shahid Rathore	1	-	-
Mr. Rahmat Ullah Niazi	-	1	-
Engr. Haji Ahmed	3	-	-
Mr. Iftikhar Muhammad	-	-	-

Major Future Improvement Plans

- To impart quality education using audio visual aids along with provision of latest literature, cases, journals, books, reviews and access to digital library.
- To develop business graduates who meet future challenges.
- To emphasize research on specific industrial problems of national as well as international importance.
- Overall enhancement of knowledge and skills of faculty members in relation to the latest global advancements in this discipline through exchange programs, short training and collaborative research projects within and outside Pakistan.

Table 4: Quantitative assessment of the department

Sr. #	Particular	No.	Remarks
I	BSIT degree awarded	160	For the year 2016-2018
II	MS(IT) degree awarded	-	--
III	Ph.D. degree awarded	-	--
Iv	Post-Doc fellowship	-	--
V	Students: Faculty ratio	-	1: 24
VI	Technical: Nontechnical Ratio	-	Fulfill HEC criteria

Alumni Survey

The purpose of this survey was to obtain alumni input on the quality of education, knowledge and communication and Interpersonal skills they received and the level of preparation they had at University. The total of 58 students provided the data. The survey results were shown as follows.

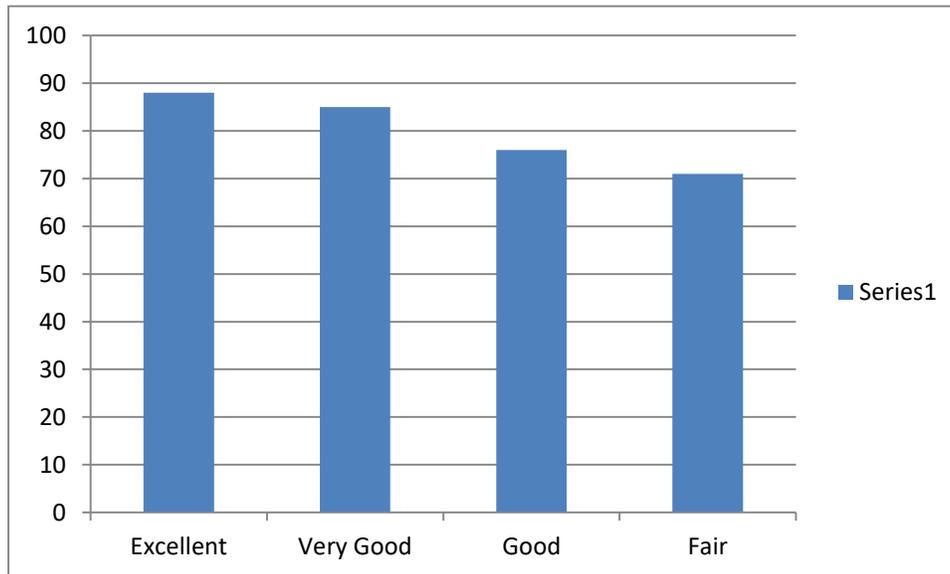


Figure 4: Result of Alumni Survey

It has been observed that 88% responded excellent regarding their abilities to work. 85% answered very good, 76% responded that department has improved their presentation skills. 71% has shown fair response and 06% have shown poor response.

Employer Survey

A survey has been conducted and feedback has been collected from the employees where students have a BS IT degree from BIMS are working. The results are summarized in the figure given below.

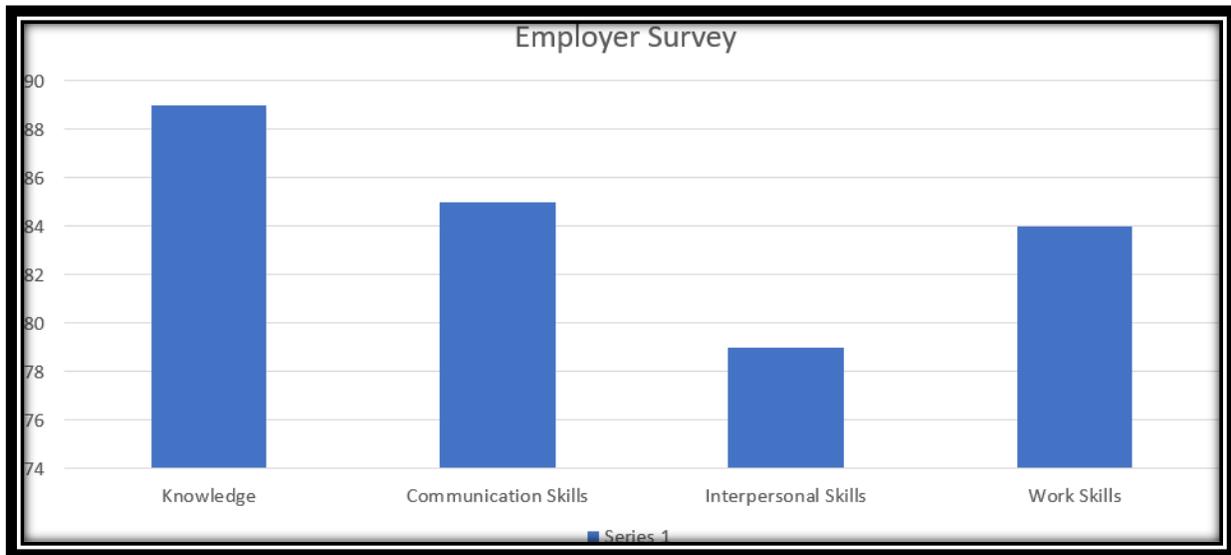


Figure 5: Employer Survey for Determining the Student's Skill Level

The graph shows the employers view regarding the students. The 89% students have enough knowledge regarding their field. The 85% have communication skills to communicate with the people of their own field. The 79% students have Interpersonal skills and 84% students have work skills related to the field. The entire employer was of the view that the students have potential and they can be more productive.

CRITERIAN 2: CURRICULUM DESIGN AND ORGANIZATION

Title: BS (IT) Bachelors of Sciences in Information Technology Intent:

All the courses for degree program are developed by Academic Council Committee of PMAS Arid Agriculture University Rawalpindi. BIMS strictly follows the rules and regulations of Parent University. BIMS being an affiliate of PMAS-AAUR follows the curriculum of University Institute of Information Technology (UIIT). This body is authorized to formulate a syllabus and course content. The Director of the UIIT is the convener of this body. The courses are then sent to the academic council for approval.

Definition of Credit Hour

A student must complete a definite number of credit hours. One credit hour is one theory lecture or two hours laboratory (practical/week). One credit hour carries 20 marks.

Degree plan

Presently Three-degree programs are being offered in Department of Computer Sciences and Information Technology. BS (CS), BS (IT) and MCS: The BS (IT) degree program consists of 4 academic years / 8 semesters.

Examination and grading policy

For each course, the student evaluation is done by midterm examination, assignment/quizzes and final examination. A scholar who misses the mid-term examination is just not allowed a make-up examination and is awarded zero marks in that examination. In case a student does not appear in the final examination, he/she will likely be deemed to have failed in that examination. The grading policy of each course is prescribed as follows

Mid Examination	30%
Assignments	10%
Final Examination	60%

Grade point Average.

The maximum grade point average is 4.00 and minimum grade point average for obtaining the degree is 2.5. The student may enroll in the next semester if he/she must fulfill the following CGPA criteria in each semester.

Semester CGPA

1st	1.50
2nd	1.75
3 rd	2.00
4 th	2.50

Eligibility Criteria for Examination

In each course, the minimum 75% attendance is required to sit in the examination.

Standard 2-1: The curriculum must be consistent and support the program's documented objectives.

The curriculum is designed according to HEC criteria. The Curriculum also fulfilled the general requirements of the degree, it is well updated .

Standard 2-2: The curriculum supports the programs documented Objectives

The curriculum fits very well and satisfies the core requirements for the program's documented objectives

Standard 2-3: Theoretical backgrounds, problem analysis and solution design must be stressed within the program's core material

The requirements for the degree are briefly discussed.

The table given below shows the list of courses those are consistent with the program objectives.

Table 5: Courses versus Outcomes

Courses	Outcomes					
	1	2	3	4	5	6
CS-323	++	++	+++	++	+++	+
CS-423	+++	++	+	+++	+	++
CS-443	++	+++	++	+	++	+++

CS-335	++	+	+++	++	+	+
CS-583	+++	++	++	++	+++	++
CS-400	+	+++	++	+++	++	++
CS-453	+++	+++	++	+	++	+++
CS-577	+++	++	+++	++	+++	++
CS-497	+++	++	++	+++	+++	+
CS-698	++	+	+	++	++	+++
CS-699	++	++	+	+++	+++	+++
CS-300	+	++	++	+++	+++	++
ENG-305	+++	+++	+++	+	+	++
SSH-307	+++	+	++	+++	++	+++
IS-302	+++	++	+	+	+++	+
SSH-302	+++	+++	++	+	+	++
MGT—322	+++	+++	++	++	++	+++
MGT-351	+	++	+	+	+++	+
MGT-411	+++	+++	+	+++	++	++
ECON-301	+++	+	++	++	+++	++
PSY-600	+++	+	+++	+	++	++
MTH-310	+	+	+++	+++	+++	+++
MTH-435	+++	++	++	++	+++	+++
ELE-401	+	+++	+++	+++	+	+++
CS-555	+	+++	+	++	+++	++
CS-556	+++	+++	++	+	+	+++

+ = Moderately Satisfactory, ++= Satisfactory, +++ = Highly Satisfactory

Standard 2-4: The curriculum satisfied the core requirement laid down by accreditation bodies

Not Applicable

Standard 2-5: The curriculum satisfied the major requirement laid down by HEC.

The curriculum satisfies the major requirement laid down by HEC.

Standard 2-6: The curriculum satisfied the general education, arts and Professional and other discipline requirement as laid by HEC

The important courses that indicate this component are included in the curriculum and are being carried out in all the current disciplines successfully and are being taught by technically qualified teachers

Standard 2-7: Information technology component of the curriculum must be integrated throughout the program.

The Practical oriented information technology courses are included in the curriculum. Highly qualified teachers teach these courses and help the students to improve their computer and communication skills.

CRITERION 3: LABORATORIES AND COMPUTING FACILITIES

The table contains the detail of the lab and computing facilities at BIMS.

Table 6 Laboratory Facility

Size of campus in Kanals			23 Kanals					
Covered Area			13.5 Kanals (Including 4 Kanal Covered Parking)					
Sizes of lecture rooms			Class Room 22 of different sizes (Avg. 540 sft)		Seminar Hall 50 x 50 ft			
Instructional facilities provided in lecture rooms			Multimedia 16 White Board 33		Sound System 2 Overhead 3			
General computing lab facilities: total number of PCs and lab hours			Approximately 100 hours Per Day Total PCs in Labs: Approx. 250 Labs Open: 8:00 am – 8:00 pm					
Nature and level of networking			40 Mbps Internet Bandwidth <ul style="list-style-type: none"> • PTCL – 20 MB • Nayatel – 20 MB (Fiber Optic) 					
Specialized lab facilities and hours of their availability			CISCO (Router/Switch) GIS (Plotter/Scanner)	Linux Lab Teaching Lab Project Lab The labs are open almost the whole day from 8:00 am to 8:00 pm				
Average lifetime of a PC in computing Labs			3 to 4 years					
Library information		Area	Automated	Total Books	Total Computer Books	Total Journals (Give full details)	IEEE (Give full details)	ACM (Give full details)
		3000 Sft	Automated	Approx. 10,000 In addition to university main library resources	Approx. 1,200	BIMS library subscribes journals/Magazine in different subject such as IT professional	BIMS has an access to digital library services being extended by HEC	

Assessment of BSIT Curriculum

The assessment of the BSIT degree program is shown in tabulated form which indicated that contribution of each course for the program outcomes.

- It contains the introductory computing course, middle level course and advanced computing courses.
- It contains mathematical courses which help in designing the mathematical modeling and developing numerical solutions.
- It contains the management and business courses to give students a flavor of business infrastructures.

Standard-3.1: Laboratory manuals/documentation/instructions for experiments must be available and daily accessible to faculty and students.

Laboratory manuals for the entire practical subject are prepared and distributed among students. Manuals are present in the institute in the soft form.

Standard-3.2: There must be support personnel for instruction and maintaining the laboratories.

The detailed information about Laboratory is presented in Table 6. A total of 06 lab support staff is available at BIMS. The Lab support staff helps teachers in conducting different labs. Their main responsibilities include the lab maintenance, availability of related software for lab etc. One lab person is available for each of the lab being arranged. Detail is given below:

Computer Lab support staff:	6
Multimedia Projector Count:	16
Over Head Projectors Count:	3
Total Lab Computers:	250
Total No. of Labs:	5

Standard-3.3: The University computing infrastructure and facilities must be adequate to support program's objectives.

The BIMS provides enough computing facilities for students in the Lab. The total numbers of computers available for students use in multiple labs are 50-60 in 5 labs. A student to computer ratio mentioned in the year 2016-2018 is 1:1.

CRITERION 4: STUDENT SUPPORT AND ADVISING

Our Institute organizes support programs for students and provide information regarding admission, scholarship schemes etc. Institute in its own capacity arranges orientation and guided tours of the department. Director Students Affairs is also there and arranges various cultural activities and solves the students' problems.

Standard-4.1: Courses must be offered with sufficient frequency and number for students to complete the program in a timely manner.

Courses are taught as per HEC criteria.

- At undergraduate level subjects/courses are offered as per the scheme of study provided by UIIT, approved by Academic Council. Postgraduate level courses are however offered according to the availability of the teacher and a number of students.
- Elective courses are offered as per policy of PMAS-AAUR.

Standard-4.2: Courses in the major area of study must be structured to ensure effective interaction between students, faculty and teaching assistants.

Both theoretical and practical aspects are focused to prepare the students for future challenges. Theoretical problems are explained and assignments are also given to the students whereas, practical's are carried out in the labs. Study tours to various research organizations and software houses are also organized to keep them updated on the latest developments in the area and to stimulate them for discussion through teacher/student interaction.

- BS (IT) courses are well designed and updated in the institute board of studies meeting.
- At start of semester, the faculty members of institutes interact frequently among themselves and with students.
- Institute always encourages the interaction between each section of BS (IT) classes.

Standard-4.3: Guidance on how to complete the program must be available to all students and access to qualified advising must be available to make course decisions and career choices.

Several steps have been taken to provide guidance to students by different ways such as:

- Students are informed about the program requirement through the Director's office.
- Through the personal communication of the teachers with the students.
- Meetings are organized by the director of the institute for counseling for the students. In addition, students can also contact with the relevant teachers whenever they face any problem.
- Students can meet director of the institute whenever they feel need to meet on any serious issue.
- Realizing the need for exploring job opportunities for the university graduates, Students Placement Office has been established.

Table 7: Student to Teacher Ratio at BIMS

2014-15	2015-16	2016-17	2017-18
1:24	1:22	1:23	1:21

CRITERION 5: PROCESS CONTROL

It includes students' admission, registration and faculty recruitment activities, which are dealt by various statutory bodies and the university administration.

Standard-5.1: The process by which students are admitted to the program must be based on quantitative and qualitative criteria and clearly documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

- The process of admission is well established and is followed as per the rules and criteria set by PMAS-AAUR. For this purpose, an advertisement is published in the national newspapers.
- Admission criteria for BSIT are Intermediate Certificate, with Mathematics (Pre-Eng. / ICS / DAE) or A-level or an equivalent certificate from any recognized Institute with at least 50% marks.
- Admission criteria are revised every year before the announcement of admission.

Standard-5.2: The process by which students are registered in the program and monitoring of students' progress to ensure timely completion of the program must be documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

- The student name, after completion of the admission process, is forwarded to the Registrar's office of PMAS-AAUR for proper registration in the specific program and the registration number is issued to the student.
- Registration is done in one time for each degree but evaluation is done through the result of each semester. Only those students, who fulfill the criteria of the University, are promoted to the next semester.

Standard-5.3: The process of recruiting and retaining highly qualified faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation, promotion must be consistent with the institution's mission statement. These processes must be periodically evaluated to ensure that it is meeting with its objectives.

- The recruitment policy for the faculty followed by the BIMS is the same as recommended by the PMAS-AAUR. Induction of all posts is done as per rules.

- Vacancies and newly created positions are advertised in the national newspapers, applications are received by the Human Resource office, scrutinized by the scrutiny committee, and call letters are issued to the shortlisted candidates on the basis of experience, qualification, publications and other qualities/activities as determined by the University.
- The candidates are interviewed by the Institute Selection Board, and Principal and alternate candidates are selected.
- Selection of candidates is approved by the Board of Investors for issuing orders to join within a specified period.
- Induction of new candidates depends upon the number of approved vacancies.
- The standard set by HEC/PMAS-AAUR is followed.

Standard 5-4: The process and procedures used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.

- To provide high quality teaching, the parent university (PMAS-AAUR) periodically revises the curriculum in views of field requirements, innovations and new technology.
- With the emergence of new fields, new courses are introduced and included in the curriculum.
- Students usually buy cheap Asian editions of technology books. These are also available in the University library, where documentation, copying and internet facilities are available.
- Notes are also prepared by the teachers and given to the students.
- Most of the lectures are supplemented by overheads, slides and pictures.
- All efforts are made that the courses and knowledge imparted meet the objectives and outcome. The progress is regularly reviewed at the staff meetings.

Standard 5-5: The process that ensures that graduates have completed the requirements of the program must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting its objectives.

The controller of examinations (PMAS-AAUR) announces the date regarding commencement of examination. After each semester, the controller's office notifies results of the students. The evaluation procedure consists of quizzes, mid and final examinations, practical, assignments, reports, oral and technical presentations. The minimum pass marks for each course is 40% for undergraduate.

CRITERION 6: FACULTY

Standard 6-1: There must be enough full-time faculties who are committed to the program to provide adequate coverage of the program areas/courses with continuity and stability. The interests and qualifications of all faculty members must be sufficient to teach all courses, plan, modify and update courses and curricula. All faculty members must have a level of competence that would normally be obtained through graduate work in the discipline. The majority of the faculty must hold a Ph.D. in the discipline.

Below is the detail of faculty members for the
BS(IT)/BS(CS)/MCS Program.

Table 8: Faculty Distribution by Faculty Specialization

S. No.	Name	Position	Qualification	Specialization
1	Dr. Javid Ullah	Assistant Professor	Ph.D	Computer Sciences
2	Dr.Muhammad Asif Khan	Assistant Professor	Ph.D	Computer Sciences
3	Dr. Fadia Shah	Assistant Professor	Ph.D	. Computer Sciences
4	Dr. M. Rizvi	Assistant Professor	Ph.D	Electrical Engineering
5	Engr.Aamir Mehmood	Lecturer	MS	Electrical Engineering

6	Mr.Hamid Hussain Awan	Lecturer	MS	Computer Science
7	Mr.Fazal Ur Rehman Shamil	Lecturer	MS	Software Engineering
8	Ms.Sahrish Khalil	Lecturer	MS	Computer Science
9	Ms.Qural Ul Ain Alam	Lecturer	MS	Information Technology
10	Ms. Ayesha Siddiqua	Lecturer	MS	Computer Science
11	Mr.Qaiser Khan	Lecturer	MS	Computer Science
12	Mr. Seemab Janjua	Lecturer	MS	Computer Science
13	Mr. Maaz Ahmed Khan	Lecturer	MS	Electrical Engineering
14	Mr. Shahid Rathode	Lecturer	MS	Networking
15	Engr. Haji Ahmed	Lecturer	MS	Electrical Engineering
16	Mr. Rahmat Ullah Niazi	Lecturer	MS	Computer Science
17	Mr. Iftikhar Muhammad	Lecturer	MS	Networking
18	Ms. Hina Zahra	Lecturer	MS	Philosophy
19	Ms. Mufzalla Rahim	Lecturer	M.Phil	Statistics
20	Ms. Bushra Bibi	Lecturer	M.Phil	Mathematics
21	Ms.Tayyaba Kalsoom	Lecturer	MS	Artificial Intelligence
22	Ms. Sadia Sultana	Lecturer	MS	Software Engineering
23	Ms.Safina Bashir	Lecturer	MS	Computer Science & IT

24	Ms.Fatima Iftikhar	Lecturer	MS	Software Engineering
25	Ms.Saira Sultana	Lecturer	MS	Computer Science
26	Ms.Andleeb Sadiq	Lecturer	MS	Computer Engineering
27	Mr.Sohail Ahmed	Lecturer	MS	Computer Science
28	Ms.Summaya Alam	Lecturer	MS	Software Engineering
29	Ms.Kiran Saeed	Lecturer	MS	Computer Science
30	Mr.Abdul Majid	Lecturer	M. Phil	Economics

Standard 6-2: All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective programs for faculty development must be in place. Effective Programs for Faculty Development

- Institute provides them study leave with pay and sometime allowance where possible for the institute.
- Internet is available to all the faculty members. The faculties also have access to the digital library and limited access to some well-known journals.
- The institute provides support for attending conferences. There are certain policy matters which a faculty member needs to follow in order to get a positive feedback from the institute for travel grants to the conference.
- The institute provides a certain amount of innovative research incentives to the faculty members.

Standard 6-3: All faculty members should be motivated and have job satisfaction to excel in their profession.

Almost all the faculty members are fully satisfied with the workload and the amount they get in the form of salary. Most of the faculty members are satisfied with the mix of research and teaching method. The faculty members are satisfied with the support they are getting from the administration regarding the research and teaching. The faculty members are satisfied with overall climate of the institute. Most of the faculty members are satisfied that the institution is utilizing their capabilities in the good way. The faculty should be encouraged to continue excelling through the carrier. A table of Results of faculty Survey is at next Page.

Table 6: Result of Faculty Survey

S.No	Parameters	Dr. M. Rizvi	Dr. Mudassir Iqbal	Dr. M Asif Khan	Dr. Javaid Ullah	Dr. Fadia Shah	Engr. Aamir Mehmood	Mr. Hamid Hussain Awan	Mr. Fazal Rehman Shamil	Ms. Sehrish Khalil	Ms. Qurat- Ul-Ain	Ms. Ayesha Siddique	Mr. Qaiser Khan	Mr. Seemab Janjua	Mr. Maaz Ahmed
1	Your mix of research, teaching and community service	A	B	B	A	A	A	A	B	B	A	B	B	A	A
2	The intellectual stimulations of your work.	B	B	B	B	B	B	B	B	B	B	A	A	B	B
3	Type of teaching /research you currently do.	A	B	A	A	B	A	A	B	A	A	B	B	A	B
4	Your interaction with students.	B	A	A	B	B	A	B	B	B	B	A	A	B	B
5	Cooperation you receive form colleagues.	A	B	A	A	B	B	A	B	A	A	B	B	A	B

6	The mentoring available to you.	B	B	B	B	B	B	B	B	B	B	B	B	B	B
7	Administrative support from the department.	A	A	B	A	A	B	A	B	A	A	B	A	A	B
8	Providing clarity about the faculty promotion process.	B	A	B	B	A	B	B	B	A	B	A	A	B	B
9	Your prospects for advancement and progress through ranks.	A	A	B	A	A	B	A	A	B	A	B	B	A	A
10	Salary and compensation package.	B	B	A	B	A	B	B	B	A	B	E	E	B	A
11	Job security and stability at the department.	A	A	B	A	B	B	A	B	A	A	A	A	A	B
12	Amount of time you have for yourself and family.	B	B	B	A	A	B	B	A	B	B	A	A	B	B
13	The overall climate at the department.	A	B	A	B	B	A	A	B	B	A	B	B	A	A
14	Whether the department is utilizing your experience and Knowledge	B	B	A	A	B	B	B	A	B	B	B	B	B	A

	BS (CS)	More research oriented programs should be offered
	BS(CS)	It is better to offer new courses
	BS(CS)	More research oriented programs should be offered
	BS (CS)	It is better to offer new courses
	BS (CS)	It is better to offer new courses
	BS (CS)	More research oriented programs should be offered
	BS (CS)	Different workshop related to IT should be organized.
	BS(CS)	More research oriented programs should be offered
	BS (CS)	More research oriented programs should be offered
		Justified work load
	BS CS Program	It is better to offer new courses In the existing programs
	BS (CS)	More research oriented programs should be offered
	Admin is itrative Support.	More research oriented programs should be offered
	The MS Programand BS CS Program	It is better to offer new courses In the existing programs
15	What are the best programs /facts currently available in your department that enhance you motivation and job satisfaction	
16	Suggest programs/factors that could improve your motivation and job satisfaction?	

A= Very Satisfied; B= Satisfied; C=Uncertain; D= Dissatisfied; E= Very Dissatisfied

CRITERION 7: INSTITUTIONAL FACILITIES

According to this criterion, the institution must have the infrastructure to support new trends in learning such as e-learning including digital publications, journals etc.

- The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel. Insufficient library's technical collection of books. Recommended books and relevant journals of the programs are not available to the students.
- These aspects need to be strengthened in number and space.
- Classrooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.
- The standard wise description of this criterion is given an under

Standard- 7.1: The institution must have the infrastructure to support new trends in learning such as e-learning.

- The university faculty has access to e-library and internet which is very supportive of the faculty.

Standard- 7.2: The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel.

The institute has its own library which has computer science related books. This library also provides the book related to the latest field and the field in which currently latest results are being conducted.

Standard- 7.3: classrooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.

- The office environment is comfortable to work during the summer as well as during winter.
- Classrooms have adequate size white boards that provide enough space to write.
- Multimedia projectors are available in most of the class rooms.

CRITERION 8: INSTITUTIONAL SUPPORT

The institute administration has been struggling hard to strengthen all the departments, upgrade them and establish new faculties. The institute is also trying to attract highly qualified faculty.

Standard 8-1: There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teachers and scholars.

The institute currently has limited resources for the research. However the following funds are provided as financial resources to attract and retain high qualified faculty.

Endowment Fund	50 Million
Tangible Assets	42 Million
Working Capital	59 Million
Total Assets	151 Million

Standard 8-2: There must be an adequate number of high-quality graduate students, research assistants and Ph.D. students.

Below is the list of students in the MSC program over past few years. BIMS is not accredited for a PhD Degree.

Table 10: Number of students enrolled in MSC in last few years

2013-14	2014-15	2015-16	2016-17	2017-2018
23	15	84	44	43

Standard- 8.3: Financial resources must be provided to acquire and maintain library holdings, laboratories and computing facilities.

Following is the detail of the institution's budget for library holdings, laboratories, computing facilities and faculty development.

Table 11: Financial Information about the institution and the Program

LIB Holdings	Laboratories + Computer H/W	Computing (Software)	Total Assets
5.5M	10.3M	4.2M	20M

SUMMARY AND CONCLUSION

The Self-Assessment Report (SAR) of the Barani Institute of Management Sciences (BIMS), Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi for Degree Program Bachelor of Science, Information Technology (BS IT), began with an introduction of the institute followed by a detailed discussion of the BSIT degree program including its importance, the main features, objective, outcomes, measures to assess those objectives, teachers and courses evaluation.

Bachelor of Science of Information Technology (BSIT) is a four-year degree program, during which a variety of relevant information technology courses are offered to the students. Due to insufficient faculty members and large number of offered courses, visiting faculty is also hired to work in collaboration with the full-time faculty members, to balance the faculty academic load and ensure a sufficient justification and fulfillment of the teaching/training requirements. In order to maintain and promote an outstanding quality of learning, a continued assessment of the teaching and courses is conducted, throughout a semester, in accordance with the rules and regulations of the HEC.

The foundation of the curriculum designed for BS IT program is according to the market and international standards of computer education guided by the requirements defined by the Higher Education Commission of Pakistan. The curriculum includes an adequate proportion of mathematical, statistical and management courses to provide a complete skill package for effective professional conduct. It is further supplemented by the inclusion of a number of general courses intended to sharpen the written and oral communication proficiency of the students. Moreover, the faculty members and students are encouraged to arrange workshops and seminars as a part of their academic and practical work to further enhance their professional abilities. BIMS supports the new trends towards education such as e-learning including digital publications, journals, etc. The faculty and students have been provided with a full-time access to the e-library and internet through local area network, so that they have a ready access to many well-known journals relevant to their respective research areas. In addition, a book library is also available. While analyzing Criteria Referenced Self-Assessment, it has been observed that Institute's performance is satisfactory.

Program Team Member

Coordinator: Ms. Summaya Alam

Convener: Mr. Usman Karim

Members: Ms. Saba Un Nisa

Ms. Sadia Sultana

ANNEXURES

ANNEXURE I: ALUMNI SURVEY

The results of the Alumni survey in tabular form are given below:

		Excellent	Very Good	Good	Fair	Poor
I	Knowledge					
1	Math, Science, Humanities and professional discipline, (if applicable)	63%	18%	10%	5%	5%
2	Problem formulation and solving skills	70%	11%	10%	5%	5%
3	Collecting and analyzing appropriate data	62%	10%	14%	10%	5%
4	Ability to link theory to practice	57%	19%	10%	10%	5%
5	Ability to design a system component or process	68%	10%	5%	13%	5%
6	IT knowledge	82%	5%	4%	5%	5%
II	Communication Skills					
1	Oral communication	40%	40%	10%	5%	5%
2	Report writing	71%	10%	10%	5%	5%
3	Presentation skills	57%	18%	11%	10%	5%
III	Interpersonal Skills					
1	Ability to work in teams.	67%	19%	5%	5%	5%
2	Ability to work in arduous/Challenging situation	72%	10%	10%	4%	5%
3	Independent thinking	48%	29%	14%	5%	5%
4	Appreciation of ethical Values	77%	10%	5%	4%	5%
IV	Management/Leadership Skills					
1	Resource and Time management skills	48%	33%	10%	5%	5%
2	Judgment	52%	24%	14%	5%	5%
3	Discipline	72%	10%	9%	5%	5%

V	General Comments					
VI	Career Opportunities					
VI	Department Status					
I						
1	Infrastructure	65%	18%	12%	6%	0%
2	Faculty	70%	25%	6%	0%	0%
3	Repute at national level	59%	35%	6%	0%	0%
4	Repute at International level	12%	47%	13%	5%	24%

ANNEXURE II: GRADUATING STUDENTS SURVEY

The results of Graduating Student Survey in table form are given below:

		Very Satisfied	Satisfied	Uncertain	Dissatisfied	Very Dissatisfied
1	The work in the program is too heavy and induces a lot of pressure.	58%	30%	4%	4%	3%
2	The program is effective in enhancing team-work abilities.	53%	34%	0%	9%	4%
3	The program administration is effective in supportive learning	35%	35%	17%	4%	9%
4	The program is effective in developing analytical and problem-solving skills.	42%	39%	10%	4%	4%
5	The program is effective in developing independent thinking.	52%	20%	16%	4%	8%
6	The program is effective in developing written communication skills.	49%	35%	12%	0%	4%
7	The program is effective in developing planning abilities.	43%	36%	3%	9%	9%
8	The objectives of the program have been fully achieved.	42%	39%	10%	4%	4%
9	Whether the contents of the curriculum are advanced and meet program objectives.	38%	36%	13%	4%	9%
10	The faculty was able to meet the program objectives.	43%	29%	10%	13%	4%

11	The environment was conducive for learning	31%	30%	21%	4%	13%
12	Whether the infrastructure of the department was good	30%	18%	35%	12%	4%
13	Whether the program was comprised of Co-curricular and extra-curricular activities	22%	17%	35%	17%	9%
14	Whether scholarships/grants were available to students in case of hardship.	66%	22%	8%	4%	0%

ANNEXURE III: EMPLOYER SURVEY

The results of Employer Survey in tabular form are given below:

		Excellent	Very Good	Good	Fair	Poor
I	Knowledge					
1	Math, Science, Humanities and professional discipline, (if applicable)	56%	23%	15%	3%	3%
2	Problem formulation and solving skills	52%	29%	6%	9%	3%
3	Collecting and analyzing appropriate data	49%	26%	17%	3%	6%
4	Ability to link theory to practice	38%	33%	17%	12%	0%
5	Ability to design a system component or process	45%	32%	9%	9%	5%
6	Computer knowledge	69%	9%	4%	9%	9%
II	Communication Skills					
1	Oral communication	36%	30%	18%	12%	3%
2	Report writing	38%	27%	17%	4%	13%
3	Presentation skills	39%	27%	17%	5%	12%

III	Interpersonal Skills					
1	Ability to work in teams.	49%	18%	31%	4%	0%
2	Leadership	32%	32%	21%	0%	14%
3	Independent thinking	36%	53%	12%	0%	0%
4	Motivation	41%	31%	12%	9%	8%
5	Reliability	42%	32%	0%	5%	21%
6	Appreciation of ethical values	49%	13%	17%	10%	13%
IV	Work Skills					
1	Time management skills	38%	50%	8%	4%	0%
2	Judgment	42%	27%	15%	12%	3%
3	Discipline	33%	44%	20%	3%	0%

Performa 9
FACULTY RESUME

Name:	Dr. Javid Ullah
Personal:	Marital Status: Married Nationality: Pakistani Email: javidullah@bims.edu.pk Phone: +92-51-4853701
Experience:	12 year
Honors and Awards	Merit Based Scholarship
Memberships	Admission Committee, Department of Computer Sciences. Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching, Research
Brief Statement of Research Interest	Artificial Intelligence
Publications	5
Research Grants and Contracts	No
Other Research or Creative Accomplishments	No
Selected Professional Presentations	No

Performa 9
FACULTY RESUME

Name:	Dr.Muhammad Asif Khan
Personal:	Marital Status: Married Nationality: Pakistani asif@bims.edu.pk 0333-3332467
Experience:	12 years
Honors and Awards	COMSATS Scholarship in PhD
Memberships	Comprehensive Committee, Department of Computer Sciences
Graduate Students Postdocs Undergraduate Students Honor Students	YES
Service Activity	Teaching
Brief Statement of Research Interest	Computer Sciences
Publications	5
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, Seminars

Performa 9
FACULTY RESUME

Name:	Dr. Fadia Shah
Personal:	Department of Computer Sciences Barani Institute of Management Sciences Email: fadia@bims.edu.pk Contact: +92-51-9062777
Experience:	08 years
Honors and Awards	Chinese Government Scholarship in PhD.
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of Computer Sciences. ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	<ul style="list-style-type: none"> ➤ Computer Sciences
Publications	5
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, Seminars

Performa 9
FACULTY RESUME

Name:	Dr. M. Rizvi
Personal:	Marital Status: Married Nationality: Pakistani Department of Computer Sciences. Barani Institute of Management Sciences rizvi@bims.edu.pk 051-4853702
Experience:	10 years
Honors and Awards	Nil
Memberships	Admission Committee ,Department of Computer Sciences QEC member, Department of Computer Sciences
Graduate Students Postdocs Undergraduate Students Honor Students	Nil
Service Activity	Teaching
Brief Statement of Research Interest	Electrical Power
Publications	Nil
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Engr. Aamir Mehmood
Personal:	Marital Status: Married Nationality: Pakistani Email: aamir@bims.edu.pk Phone: +92-51-4853701
Experience:	05 year
Honors and Awards	Chinese Scholarship
Memberships	No
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching, Research
Brief Statement of Research Interest	Electrical Power
Publications	-
Research Grants and Contracts	No
Other Research or Creative Accomplishments	No
Selected Professional Presentations	No

Performa 9
FACULTY RESUME

Name:	Mr.Hamid Hussain Awan
Personal:	Marital Status: Married Nationality: Pakistani hamidhussain20@gmail.com
Experience:	06 years
Honors and Awards	-
Memberships	Admissions Committee
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching
Brief Statement of Research Interest	Computer Sciences
Publications	5
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Mr.Fazal Ur Rehman Shamil
Personal:	Department of Computer Sciences Barani Institute of Management Sciences shamil@bims.edu.pk Contact: +92-51-4853701
Experience:	05 years
Honors and Awards	-
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of Computer Sciences ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	Yes
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	Web Development
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms.Sahrish Khalil
Personal:	Department of Computer Sciences Barani Institute of Management Sciences sahrish123@yahoo.com 0333-3332467
Experience:	05 years
Honors and Awards	Nil
Memberships	Admission Committee ,Department of Computer Sciences QEC member, Department of Computer Sciences
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching
Brief Statement of Research Interest	Web Development
Publications	Nil
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms.Qural Ul Ain Alam
Personal:	Marital Status: Unmarried Nationality: Pakistani National ID: 35404-5292007-3 Email: quratalam@bims.edu.pk Phone: +92-51-4853703
Experience:	05 years
Honors and Awards	-
Memberships	No
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching, Research
Brief Statement of Research Interest	Information Technology
Publications	5
Research Grants and Contracts	No
Other Research or Creative Accomplishments	No
Selected Professional Presentations	No

Performa 9
FACULTY RESUME

Name:	Ms. Ayesha Siddiqua
Personal:	Marital Status: Unmarried Nationality: Pakistani ayesha28@gmail.com 0333-3332467
Experience:	04 years
Honors and Awards	-
Memberships	Admission Committee ,Department of CS Comprehensive Committee, Department of CS
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching
Brief Statement of Research Interest	Computer Sciences
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Mr.Qaiser Khan
Personal:	Department of Computer Sciences Barani Institute of Management Sciences qaiser@bims.edu.pk Contact: +92-51-4853702
Experience:	04 years
Honors and Awards	-
Memberships	➤ Admission Committee, Department of Computer Sciences
Graduate Students	Yes
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	Computer Sciences
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Mr. Seemab Janjua
Personal:	Department of Computer Sciences Barani Institute of Management Sciences seemab@bims.edu.pk 03445418241
Experience:	04 years
Honors and Awards	Nil
Memberships	Admission Committee ,Department of Computer Sciences QEC member, Department of CS
Graduate Students Postdocs Undergraduate Students Honor Students	Nil
Service Activity	Teaching
Brief Statement of Research Interest	
Publications	Nil
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Mr. Maaz Ahmed Khan
Personal:	Marital Status: Married Nationality: Pakistani Email: maazkhan45@gmail.com Phone: +92-51-4853702
Experience:	04 years
Honors and Awards	-
Memberships	No
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching, Research
Brief Statement of Research Interest	Power Engineering
Publications	-
Research Grants and Contracts	No
Other Research or Creative Accomplishments	No
Selected Professional Presentations	No

Performa 9
FACULTY RESUME

Name:	Mr. Shahid Rathode
Personal:	rathode@bims.edu.pk 0333-5242453
Experience:	5 years
Honors and Awards	-
Memberships	Comprehensive Committee, Department of Computer Sciences
Graduate Students Postdocs Undergraduate Students Honor Students	YES
Service Activity	Teaching
Brief Statement of Research Interest	Networking
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Engr. Haji Ahmed
Personal:	Department of Computer Sciences Barani Institute of Management Sciences Hajjahmed789@gmail.com Contact: +92-51-4853701
Experience:	05 years
Honors and Awards	-
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of CS. ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	<ul style="list-style-type: none"> ➤ Electronics Engineering
Publications	5
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Mr. Rahmat Ullah Niazi
Personal:	Department of Computer Sciences Barani Institute of Management Sciences (BIMS) rahmat@bims.edu.pk 0333-3332467
Experience:	4 years
Honors and Awards	Nil
Memberships	Admission Committee
Graduate Students Postdocs Undergraduate Students Honor Students	Nil
Service Activity	Teaching
Brief Statement of Research Interest	Computer Sciences
Publications	Nil
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Mr. Iftikhar Muhammad
Personal:	Marital Status: Married Nationality: Pakistani Email: iftikhar@bims.edu.pk Phone: +92-51-4853702
Experience:	04 years
Honors and Awards	-
Memberships	No
Graduate Students Postdocs Undergraduate Students Honor Students	Yes
Service Activity	Teaching, Research
Brief Statement of Research Interest	Networking
Publications	-
Research Grants and Contracts	No
Other Research or Creative Accomplishments	No
Selected Professional Presentations	No

Performa 9
FACULTY RESUME

Name:	Ms. Hina Zahra
Personal:	Marital Status: Unmarried Nationality: Pakistani hinazahra28@gmail.com 0333-3332467
Experience:	03 years
Honors and Awards	-
Memberships	➤ Admission Committee, Department of CS.
Graduate Students Postdocs Undergraduate Students Honor Students	-
Service Activity	Teaching
Brief Statement of Research Interest	-
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Ms.Tayyaba Kalsoom
Personal:	Department of Computer Sciences Barani Institute of Management Sciences , Rawalpindi, Pakistan. tayyaba@bims.edu.pk Contact: +92-51- 4853701
Experience:	04 years
Honors and Awards	-
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of Computer Sciences ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences.
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	Artificial Intelligence
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms. Bushra Bibi
Personal:	Department of Statistics & Mathematics, Pir Mehr Ali Shah Mehr Ali Shah Arid Agriculture, University Rawalpindi, Pakistan. bablomaths@gmail.com 051-4853701
Experience:	4 years
Honors and Awards	Nil
Memberships	Admission Committee ,Department of Statistics and Mathematics, QEC member, Department of statistics
Graduate Students Postdocs Undergraduate Students Honor Students	Nil
Service Activity	Teaching
Brief Statement of Research Interest	<input type="checkbox"/> Fluid Mechanics <input type="checkbox"/> Differential Equations <input type="checkbox"/> Classical and Relativistic Plasmas
Publications	Nil
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms. Mufzalla Rahim
Personal:	Marital Status: Married Nationality: Pakistani Email: mufzalla@bims.edu.pk Phone: +92-51-4853703
Experience:	04 years
Honors and Awards	-
Memberships	No
Graduate Students Postdocs Undergraduate Students Honor Students	-
Service Activity	Teaching, Research
Brief Statement of Research Interest	Limit theory in probability and large sample theory in statistics. Statistical Inference for Stochastic Processes
Publications	-
Research Grants and Contracts	No
Other Research or Creative Accomplishments	No
Selected Professional Presentations	No

Performa 9
FACULTY RESUME

Name:	Ms. Sadia Sultana
Personal:	Marital Status: Married Nationality: Pakistani sadiasultana@bims.edu.pk 0333-3332467
Experience:	4 years
Honors and Awards	-
Memberships	Admission Committee.
Graduate Students Postdocs Undergraduate Students Honor Students	YES
Service Activity	Teaching
Brief Statement of Research Interest	Software Engineering
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Ms.Safina Bashir
Personal:	Department of Computer Sciences Barani Institute of Management Sciences safina@bims.edu.pk Contact: +92-51-4853703
Experience:	04 years
Honors and Awards	-
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of Computer Sciences. ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	Computer Sciences and Information Security
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms.Fatima Iftikhar
Personal:	Department of Computer Sciences Barani Institute of Management Sciences fatima@bims.edu.pk Contact: +92-51-4853703
Experience:	04 years
Honors and Awards	-
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of Computer Sciences. ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	Software Engineering
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms.Saira Sultana
Personal:	Department of Computer Sciences Barani Institute of Management Sciences saira@bims.edu.pk Contact: +92-51-4853703
Experience:	04 years
Honors and Awards	-
Memberships	<ul style="list-style-type: none"> ➤ Admission Committee, Department of Computer Sciences. ➤ Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching.
Brief Statement of Research Interest	Computer Sciences
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Ms.Andleeb Sadiq
Personal:	Department of Computer Sciences Barani Institute of Management Sciences andleeb@bims.edu.pk Contact: +92-51-4853703
Experience:	04 years
Honors and Awards	-
Memberships	➤ Admission Committee, Department of Computer Sciences.
Graduate Students Postdocs Undergraduate Students Honor Students	YES
Service Activity	Teaching.
Brief Statement of Research Interest	Computer Engineering
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

Performa 9
FACULTY RESUME

Name:	Mr.Sohail Ahmed
Personal:	Marital Status: Married Nationality: Pakistani sohailahmed@bims.edu.pk 0333-3332467
Experience:	4 years
Honors and Awards	-
Memberships	Admission Committee.
Graduate Students Postdocs Undergraduate Students Honor Students	YES
Service Activity	Teaching
Brief Statement of Research Interest	Computer Sciences
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Ms.Summaya Alam
Personal:	Marital Status: Married Nationality: Pakistani summayaalam@bims.edu.pk 0333-3332467
Experience:	3 years
Honors and Awards	-
Memberships	Admission Committee, Department of Computer Sciences. Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs	
Undergraduate Students	
Honor Students	
Service Activity	Teaching
Brief Statement of Research Interest	Software Engineering
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Ms.Kiran Saeed
Personal:	Marital Status: Unmarried Nationality: Pakistani summayaalam@bims.edu.pk 0333-3332467
Experience:	3 years
Honors and Awards	-
Memberships	Admission Committee, Department of Computer Sciences. Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students	YES
Postdocs Undergraduate Students	
Honor Students	
Service Activity	Teaching
Brief Statement of Research Interest	Computer Sciences
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

Performa 9
FACULTY RESUME

Name:	Mr. Abdul Majid
Personal:	Marital Status: Married Nationality: Pakistani majid@bims.edu.pk 0333-3332467
Experience:	3 years
Honors and Awards	-
Memberships	Admission Committee, Department of Computer Sciences. Quality Enhancement Cell (QEC) team member, Department of Computer Sciences
Graduate Students Postdocs Undergraduate Students Honor Students	YES
Service Activity	Teaching
Brief Statement of Research Interest	Economics
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, seminars

ANNEXURE IV: FACULTY COURSE REVIEW REPORT

Faculty course review report for the courses those have been evaluated either in Teacher evaluation or in Student course evaluation.



Performa 2

Faculty Course Review Report

(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences		
Course Code	CS-323	Title:	Programming fundamentals			
Session:	2018	Semester:	Fall			
Credit Value:	4(3-2)	Level:	BS IT-1	Prerequisites:	none	
Name Of Course Instructor:	Engr. Haji Ahmed	No. of Students	Contact Hours	Lectures (2 hours) Labs (2)		
		2 hours daily				
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term					

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	65	7.46	14.93	17.91	25.37	26.87	26.87		4	
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	84	2.43	6.09	29.27	20.7		34.15		9	

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Haji Ahmed Date _____

(Course Instructor)

Name: Dr. Hafeez Ur Rehman Date _____

(Director)

Performa 2

Faculty Course Review Report

(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline



Department:	Information Technology		Faculty:	Barani Institute of Management Sciences		
Course Code	CS-423	Title:	Object Oriented Programming			
Session:	2018	Semester:	Spring			
Credit Value:	4(3-2)	Level:	BS IT-2	Prerequisites:	Programming Fundamentals	
Name Of Course Instructor:	Mr. Rehmat Ullah Niazi	No. of Students Contact Hours	Lectures (3 hours) Labs (1.5 hours)	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term					

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	49	14.19	37.78	24.49	14.29	8.16				
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	49	3.846%	5.769%	34.62%	9.615%			46.15%		

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: **Rehmat Ullah Niazi** Date _____
 (Course Instructor)

Name: **Dr. Hafeez Ur Rahman** Date _____
 (Director)

Performa 2

Faculty Course Review Report

(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline



Department:	Computer Science		Faculty:	University Institute of Information Technology		
Course Code	CS-452	Title:	Software Engineering 1			
Session:	2018	Semester:	Fall			
Credit Value:	3(3-0)	Level:	BS IT-3	Prerequisites:		
Name Of Course Instructor:	Mr. Shahid Rathore	No. of Students Contact Hours	Lectures (3 hours) Labs (N/A)			

Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term
--	---

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	26	0	23.08	61.54	7.692		7.692			26
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports, Few industry oriented case will be included.

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Shahid Rathore Date _____
 (Course Instructor)
 Name: Dr. Hafeez Ur Rahman Date _____
 (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences	
Course Code	CS-443	Title:	Data Structures and Algorithms		
Session:	2017	Semester:	Spring		
Credit Value:	4(3-2)	Level:	BS IT-3	Prerequisites:	Object Oriented Programming
Name of Course Instructor:	Maaz Ahmad	No. of Students Contact Hours	Lectures (3 hours) Labs (1.5 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Three assignment and Four quizzes was held of weightage 12 marks, midterm of 18 marks and final exam of 30 marks.				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	42	6.81	36.36	31.82	15.91		6.81			
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Maaz Ahmad Date _____
 (Course Instructor)
 Name: Dr. Hafeez UR Rahman Date _____
 (Director)

Performa 2

Faculty Course Review Report

(To be filed by each teacher at the time of Course Completion)



For completion of the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences	
Course Code	CS – 335	Title:	Discrete Structures		
Session:	2016	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BS IT-3	Prerequisites:	
Name Of Course Instructor:	Seemab Janjua	No. of Students Contact Hours	Lectures (3 hours) Labs (N/A)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	41	29.3	34	17	7.3		2.4			
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students										

Overview /Evaluation (Course Co-Coordinator’s Comments)Feedback: first Summarize, then comment feedback received form:(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or the structure of the Course that this semester/term’s experience may prompt.

Name: <u>Seemab Janjua</u> Date _____ (Course Instructor)
Name: <u>Dr. Hafeez Ur Rahman</u> Date _____ (Director)

Performa 2

Faculty Course Review Report

(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline



Department:	Information Technology		Faculty:	Barani Institute of Management Sciences	
Course Code	CS-583	Title:	Operating System		
Session:	2018	Semester:	Spring		
Credit Value:	4(3-2)	Level:	BS IT-3	Prerequisites:	NA
Name Of Course Instructor:	Kaiser Khan	No. of Students Contact Hours	27 Labs		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term 6 Quizez, 6 Assignment 1 mid, 1 final				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students										
Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	49	0	17	78	0	3				

Overview /Evaluation (Course Co-Coordinator’s Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term’s experience may prompt.

Name: <u>Qaiser Khan</u> Date _____ (Course Instructor)
Name: <u>Dr. Hafeez Ur Rehman</u> Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion of the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences		
Course Code	CS-400	Title:	Database Systems			
Session:	2016	Semester:	Spring			
Credit Value:	4(3-2)	Level:	BSIT - 5	Prerequisites:		
Name Of Course Instructor:	Ayesha Siddique	No. of Students Contact Hours	42			
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term Mid 12 Marks, Assignment / Quiz 8 Marks, Final Theory 20, Final Practical 20					

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	36	2	9	10	6		9			36

Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)Feedback: first Summarize, then comment feedback received form:(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or the structure of the Course that this semester/term's experience may prompt.

Name: Ayesha Siddique Date _____ (Course Instructor)

Name: Dr. Hafeez Ur Rehman Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences	
Course Code	CS-577	Title:	Computer Networks		
Session:	2016	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BS IT	Prerequisites:	
Name Of Course Instructor:	Qurat-UI-Ain Alam	No. of Students Contact Hours	Lectures (2 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term				

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	49	14.19	37.78	24.49	14.29	8.16				
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

No. of Students	43	6.9(3)	18.6(8)	25.58(11)	13.95(6)		34.88(15)		43
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Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)
Null

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)
Null

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Qurat-UI-Ain Alam Date _____
(Course Instructor)
Name: Dr. Hafeez Ur Rahman Date _____
(Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences		
Course Code	CS-497	Title:	Information Security			
Session:	2018	Semester:	Spring			
Credit Value:	3(3-0)	Level:	BS IT-4	Prerequisites:		
Name Of Course Instructor:	Sehrish Khalil	No. of Students Contact Hours	Lectures (3 hours) Labs (N/A)			
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term					

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	30	70	23	3.228	0	0	0	-	-	30
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Sehrish Khalil Date _____

(Course Instructor)

Name: Dr. Hafeez Ur Rahman Date _____

(Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences		
Course Code	CS-666	Title:	Web Engineering			
Session:	2016	Semester:	Fall			
Credit Value:	3(2-2)	Level:	BS IT-7	Prerequisites:		
Name Of Course Instructor:	Fazal Rehman Shamil	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)			
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)		<ul style="list-style-type: none"> • Assignments will be submitted on time. There will be 4% per hour deduction on late assignment submission • Copying/Cheating whole or part of the assignment from anywhere without proper credit/references will not be tolerated. Whether you have copied or your work has been copied by someone else, you will get zero marks in that assignment. • Semester Projects shall be allocated by the instructor in first week of the course. Please decide your group members (atmost 3 members) 				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	33	24.24	27.27	21.21	6.06		21.21	Nil		33
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

8) Student (Course Evaluation) Questionnaires

9) External Examiners or Moderators (if any) N/A

10) Student/Staff Consultative Committee (SSCC) or equivalent, (if any) N/A

11) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

Assessment: To develop technology skills of students/learners to enable them to plan, design, build, promote and maintain a fully functional website.

To Provide a complete knowledge and hand on practice of web development on both Microsoft Windows and Linux platforms.

Name: Fazal Rehman Shamil

Date:

(Course Instructor)

Name: Dr. Hafeez Ur Rahman Date _____

(Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Information Technology		Faculty:	Barani Institute of Management Sciences	
Course Code	CS-300	Title:	Introduction to information and communication technology		
Session:	2017	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BS CS-6	Prerequisites:	
Name Of Course Instructor:	Hamid Hussain Awan	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	<ul style="list-style-type: none"> • Assignments will be submitted on time. There will be 4% per hour deduction on late assignment submission • Copying/Cheating whole or part of the assignment from anywhere without proper credit/references will not be tolerated. Whether you have copied or your work has been copied by someone else, you will get zero marks in that assignment. • Semester Projects shall be allocated by the instructor in first week of the course. Please decide your group members (atmost 3 members) 				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	43	4.54	20.45	34.09	18.18		18.18	Nil		43

Overview /Evaluation (Course Co-Coordinator’s Comments)

Feedback: first Summarize, then comment feedback received form: (These boxes will expand as you type in your answer.)

12) Student (Course Evaluation) Questionnaires

13) External Examiners or Moderators (if any) N/A

14) Student/Staff Consultative Committee (SSCC) or equivalent, (if any) N/A

15) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. The course curriculum is in accordance with HEC approved guidelines

Assessment: To develop technology skills of students/learners to enable them to plan, design, build, promote and maintain a fully functional website.
To provide a complete knowledge and hand on practice of web development on both Microsoft Windows and Linux platforms.

Name: Hamid Hussain Awan
(Course Instructor)
Name: Dr. Hafeez Ur Rahman Date _____
(Director)