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Self-Assessment Report for MCS
Barani Institute of Management Sciences
Session: 2016-2018

Self-Assessment Report

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INTRODUCTION

Computers have been allotted an integral role to play and are changing the way lives are lived. They can be seen being used in all kinds of sectors and businesses. Keeping in view the above University Barani Institute of Management Sciences was established in 2013 with the aim of providing a high-quality education to our youth in the fields of Management Sciences, Computer Sciences, and Social/Natural Sciences. Although computers are bringing the evolution of technology, it cannot be denied that there are areas where the impacts of the computer system are not fully recognized yet. The market needs committed professionals in IT and computer science. In developing countries like Pakistan, the use of computers will bring change in a big and astonishing way. It will lead to optimism, efficiency, productivity and high quality. BIMS is producing CS/IT graduates who are well versed to provide CS/IT based solutions to the problems for all the sectors.

Master of Computer Science (MCS) is a two years degree offered on-campus as a full-time non thesis (no research) program, this includes 66 credit hours of course work and 6 credit hours of final software development project. This is a professional degree for students having fourteen years of education who intend to pursue a technical career in the computer industry. MCS degree program is designed in a way that provides up-to-date technical knowledge; marketable skills, professional competencies and valuable expertise in the rapidly advancing field of Information Technology to ensure a prosperous future. The degree comprises of a set of core courses, science courses, general education & supportive courses.

The course contents is regularly revised and updated with the latest developments in the field of Computer Science and Information Technology. The recently emerging tools and technologies have been included in the syllabus. The institute provides a variety of study programs such as Databases, Programming, Web Design and Development, Networking, to enhance student's professional training and career opportunities. It holds national seminars to exchange knowledge and information.

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 MCS program is to equip the students with the essential knowledge and abilities necessary for specializing in computer science. Graduates of the program will take appropriate 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. 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.
2. Designing and constantly updating the curricula involving core subjects, elective subjects, specialized areas, internship programs and study tours.
3. Setting up of well-equipped specialized laboratories depending on the available resources.
4. Implementation of research projects funded by the universities and other agencies.
5. Development of linkages with national and international research organizations to foster research.
6. The assessment of program objectives through different criteria is presented in Table 1.

**Table 1 Programs Objectives
Assessment**

Sr#	Objective	How Measured	When Measured	Improvement Identified	Improvement Made
1	Development of a sound and a dynamic teaching system	Through quizzes, assignments and exams	It is a regular process as per requisite	Latest courses should be introduced in the curriculum	Students have an idea of theoretical and computer system concepts.
2	Designing and updating the curricula	Courses related to the field are introduced	It is a continuous process and especially before the starts of the project	NIL	-
3	Well-equipped specialized laboratories	Projects are given during the semester in a team.	During the semester and during the final year project.	Students need to learn to work at different levels in the team.	Work assigns to students in a team and also to complete work in time by each team member effectively
4	Implementation of research projects	Quizzes, exams, presentations	It's a continuous process.	To make Presentations and reports	Presentations, seminars, communication skills development
5	Linkage with national	Asking	Continuous	There should be visits to the industry or	Course outline

	and international Research organizations	students to produce new ideas to apply existing technologies.	activity	Employers may be invited to visit BIMS	updated for development related courses
6	Assessment of program objectives	During the last year of degree program.	Asking students to prepare the research survey/review	Latest topics should be included in specialized courses.	The course outlines are updated to accommodate the latest
			related to a particular field.		concepts.

Program Learning Outcomes

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

- 1 Have a theoretical knowledge and competence in the fundamental areas of Computer Science

- 2 Has a breadth of knowledge in a choice of application areas in Computer Science, including databases, algorithms and computability, networks, artificial intelligence, graphics, information security.

- 3 Be able to design and develop software systems, computer systems, and algorithm approaches

- 4 Be able to communicate effectively with a range of audiences; shall demonstrate effective oral and written communication skills while disseminating technical information about computing technology and its applications.

- 5 Be able to analyze a problem and define the computing requirements appropriate to

its solution.

6 Produce research artifacts such as papers, thesis prototype systems, integrating the knowledge obtained throughout the program.

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 and Their Relationship with Objectives

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

+ = Moderately Satisfactory

+ = Satisfactory++ = Highly Satisfactory

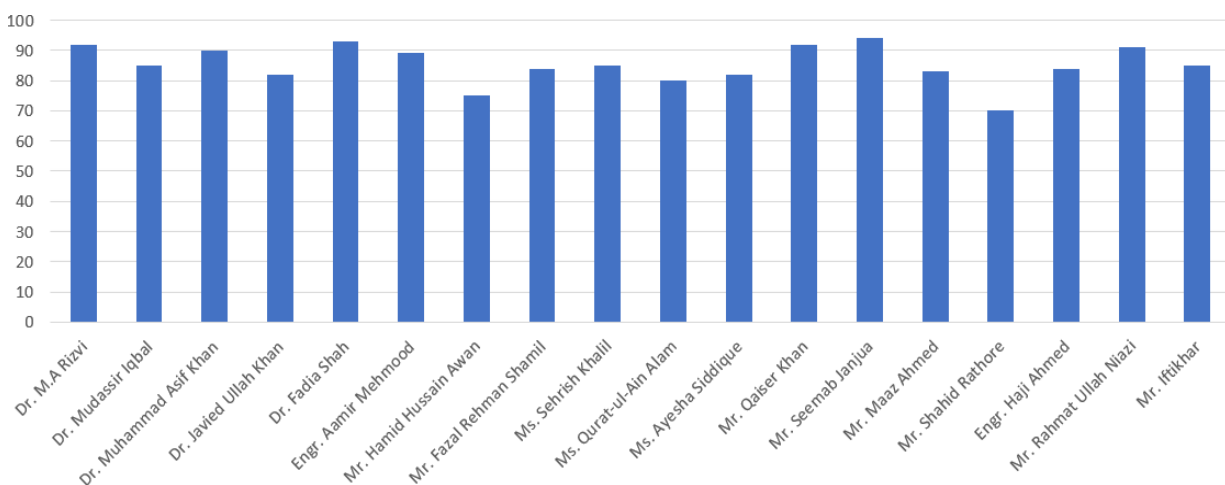
Program Assessment Results

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 MCS. The summarized results of the teachers who are teaching courses in the MCS 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.

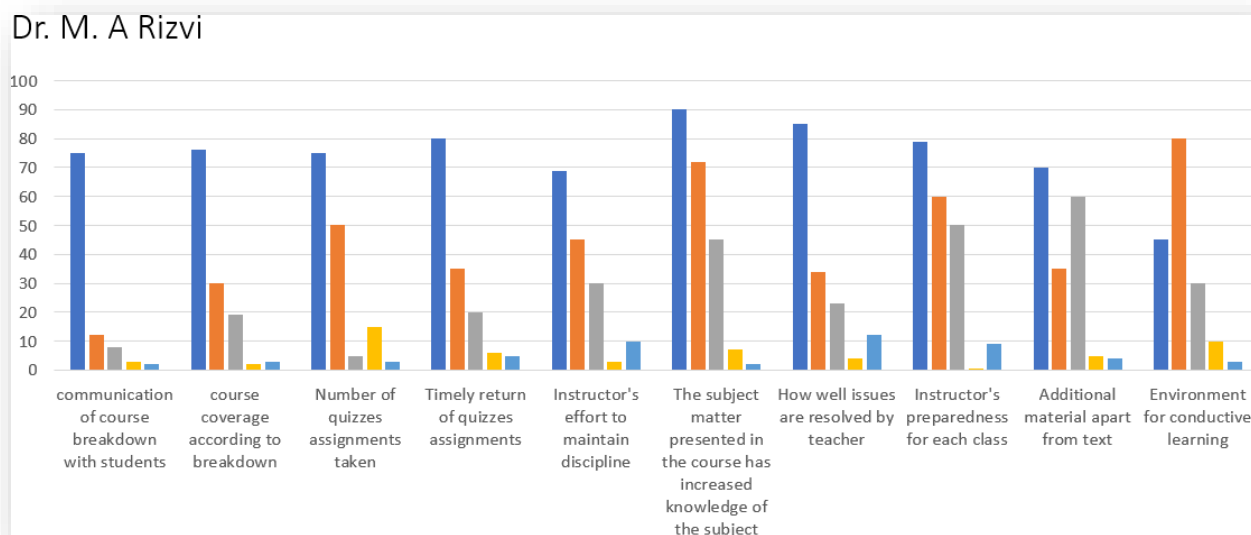
Figure 1: Teacher Evaluation Graph



A detailed evaluation of teachers is given below.

Dr. M. A Rizvi

The graph for “Number of quizzes assignments taken with correspondence to course breakdown”, shows that 72% are strongly agreed, 50% are agreed, 5% are uncertain, 11% disagreed and 1% are strongly disagreed. The graph for “The Instructor’s effort to maintain discipline.”, shows that 69% are strongly agreed, 45% are agreed, 30% are uncertain, 2% disagreed and 10% are strongly disagreed. 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 1% 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, 6% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

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

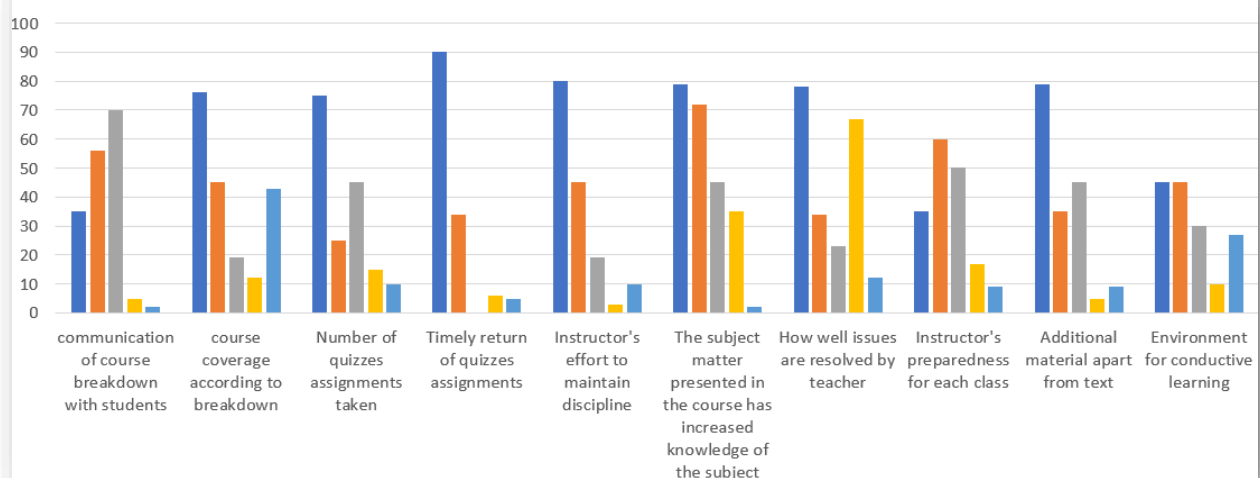
Weakness:

- No significance weakness was found

Dr. Mudassir Iqbal

The graph for “The Instructor provides additional material apart from text”, shows that 79% are strongly agreed, 35% are agreed, 44% are uncertain, 4% disagreed and 8% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 37% are strongly agreed, 60% are agreed, 50% are uncertain, 15% disagreed and 9% are strongly disagreed. The graph for “The instructor timely quizzes and assignments.”, shows that 90% are strongly agreed, 32% are agreed, 0% are uncertain, 5% 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 80% are strongly agreed, 71% are agreed, 45% are uncertain, 35% disagreed and 1% are strongly disagreed.

Dr. Mudassir Iqbal



General Comments of the Students about the Teacher Strengths:

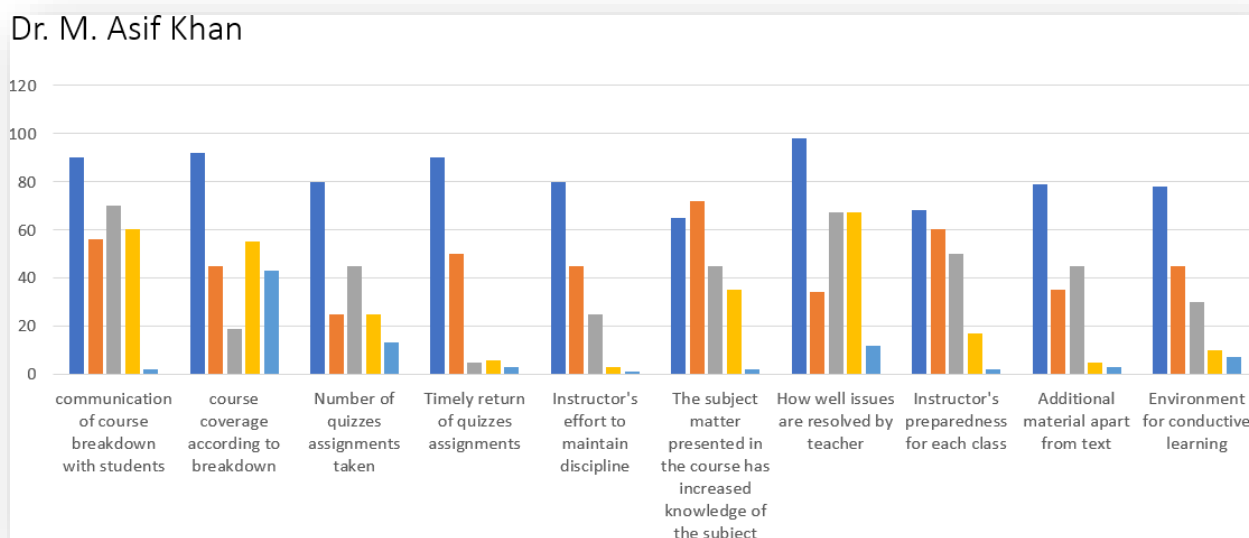
- Well prepared

Weakness:

- No significant weakness was found.

Dr. Muhammad Asif Khan

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, 5% disagreed and 3% are strongly disagreed. The graph for “Timely return quizzes and assignments” shows that 90% are strongly agreed, 45% are agreed, 5% are uncertain, 6% disagreed and 2% are strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 79% are strongly agreed, 32% are agreed, 42% are uncertain, 5% disagreed and 1% 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:

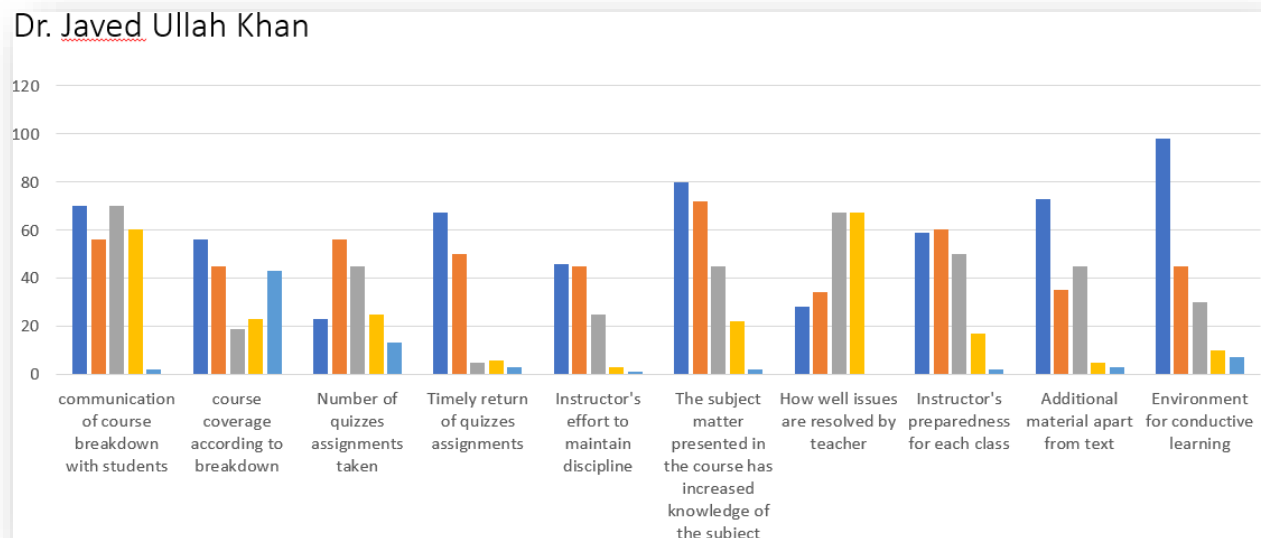
- Handles queries very well
- Understands students' problems
- Makes time for students

Weakness:

- No significant weakness was found.

Dr. Javid Ullah Khan

The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 97% are strongly agreed, 43% are agreed, 30% 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, 76% are agreed, 42% are uncertain, 20% 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, 18% 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 58% are strongly agreed, 42% are agreed, 19% are uncertain, 22% disagreed and 41% are strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 70% are strongly agreed, 32% are agreed, 42% 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, 70% are agreed, 42% are uncertain, 20% 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

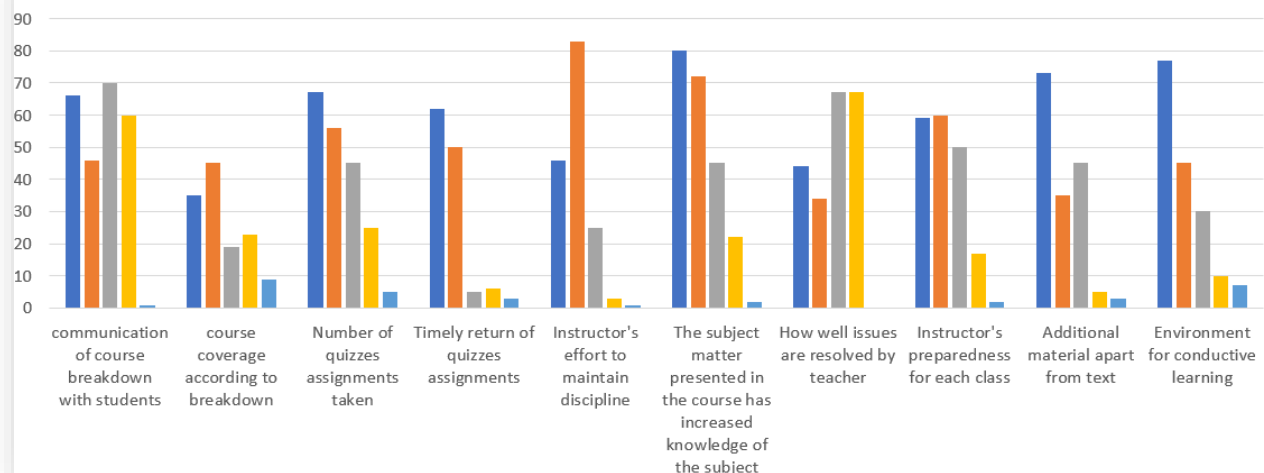
Weakness:

- No significant weakness was found.

Dr. Fadia Shah

The graph for “The 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 “The instructor maintains an environment that is conducive to learning.” shows that 78% are strongly agreed, 46% are agreed, 30% are uncertain, 10% disagreed and 5% are strongly disagreed. 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 “Timely return quizzes and assignments” shows that 60% are strongly agreed, 50% are agreed, 4% are uncertain, 5% disagreed and 3% 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.

Dr. Fadia Shah



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

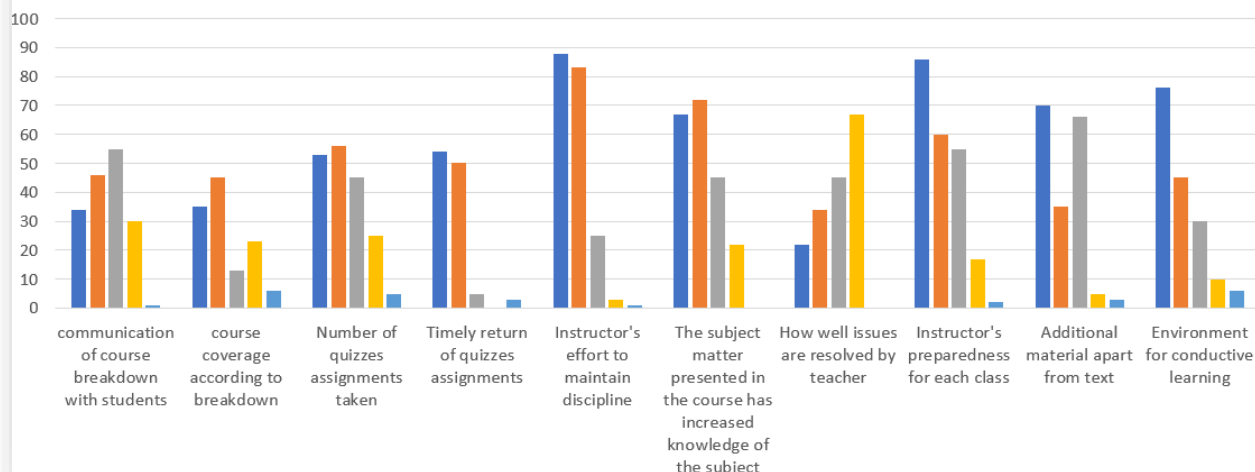
Weakness:

- 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 1% 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 0% 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 Instructor provides additional material apart from text”, shows that 70% are strongly agreed, 33% are agreed, 66% are uncertain, 5% disagreed and 1% 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 0% are strongly disagreed.

Mr. Hamid Hussain Awan



General Comments of the Students about the Teacher Strengths:

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

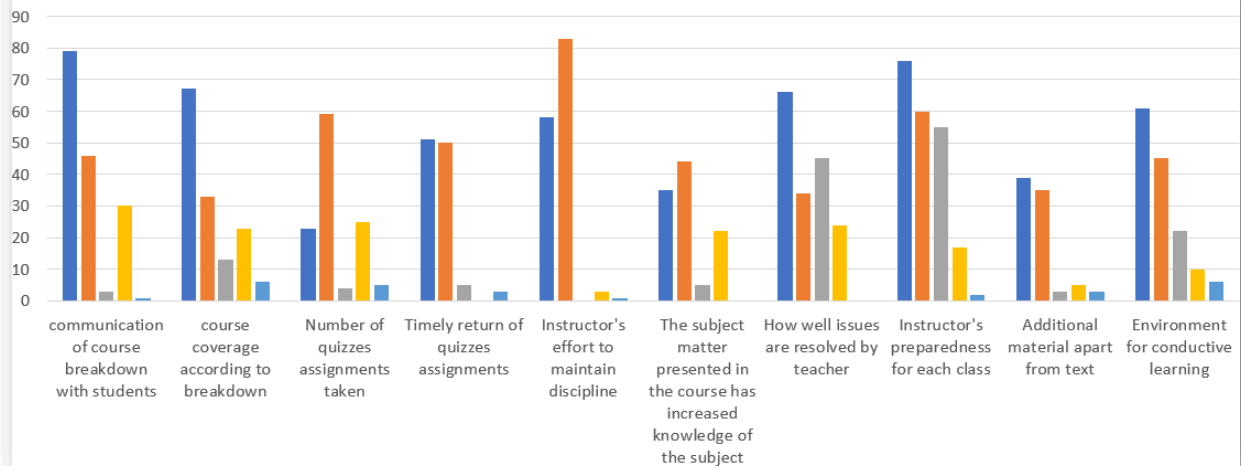
Weakness:

- The Instructor make more conceptual lab tasks

Ms.Ayesha Siddique:

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 is prepared for each class”, shows that 77% are strongly agreed, 60% are agreed, 55% are uncertain, 13% disagreed and 1% are strongly disagreed. The graph for “The Instructor provides additional material a part from text”, shows that 38% are strongly agreed, 36% are agreed, 2% are uncertain, 5% disagreed and 2% are strongly disagreed. The graph for “The Instructor’s effort to maintain discipline.”, shows that 58% are strongly agreed, 81% are agreed, 0% are uncertain, 2% disagreed and 1% are strongly disagreed.

Ms. Ayesha Siddique



General Comments of the Students about the Teacher Strengths:

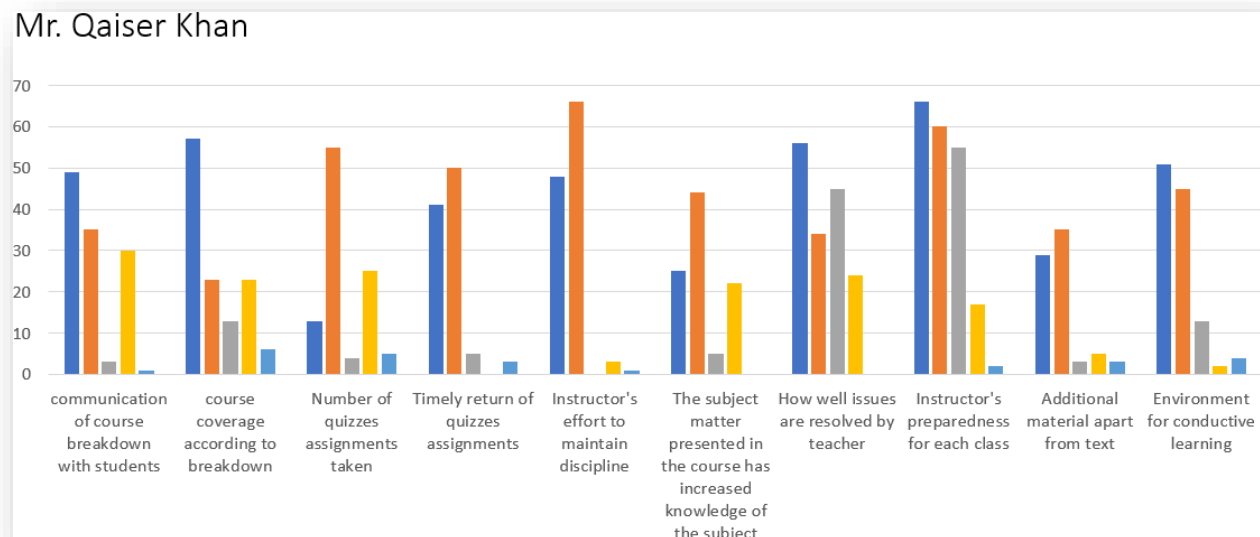
- Punctual in classes and fair in examination
- Well prepared
- Good communication

Weaknesses:

- Course material should be more updated
- The assignment and exam should cover the material presented in the class.

Mr. Qaiser Khan

The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 50% are strongly agreed, 45% are agreed, 15% are uncertain, 3% disagreed and 0% 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, 45% are agreed, 5% are uncertain, 22% disagreed and 0% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 69% are strongly agreed, 60% are agreed, 55% are uncertain, 22% disagreed and 1% 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

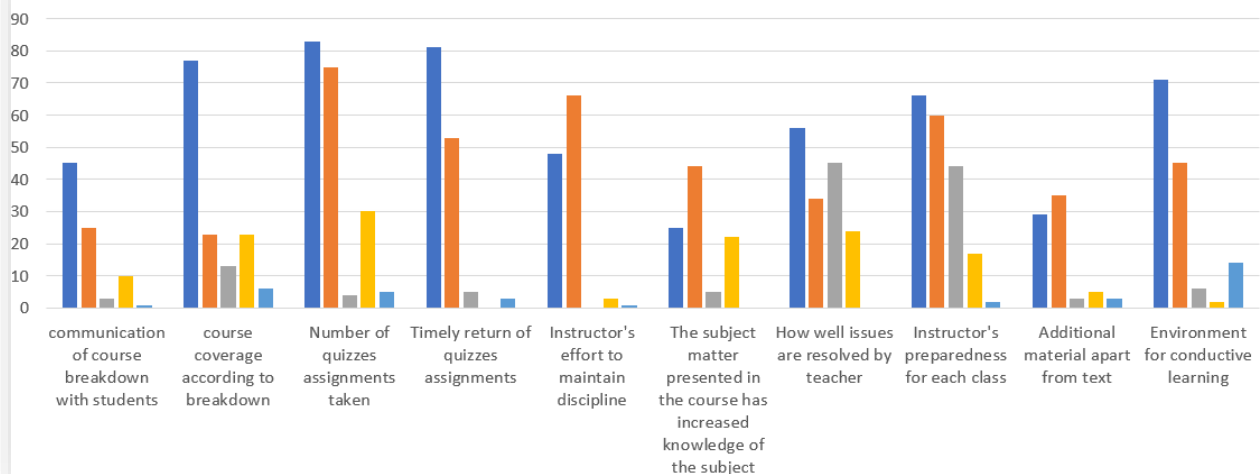
Weaknesses:

- No significant weakness was found.

Mr. Maaz Ahmed

The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 70% are strongly agreed, 44% are agreed, 5% are uncertain, 1% 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, 75% are agreed, 5% are uncertain, 30% disagreed and 5% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 65% are strongly agreed, 60% are agreed, 43% are uncertain, 15% 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 74% 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.

Mr. Maaz Ahmed



General Comments of the Students about the Teacher

Strengths:

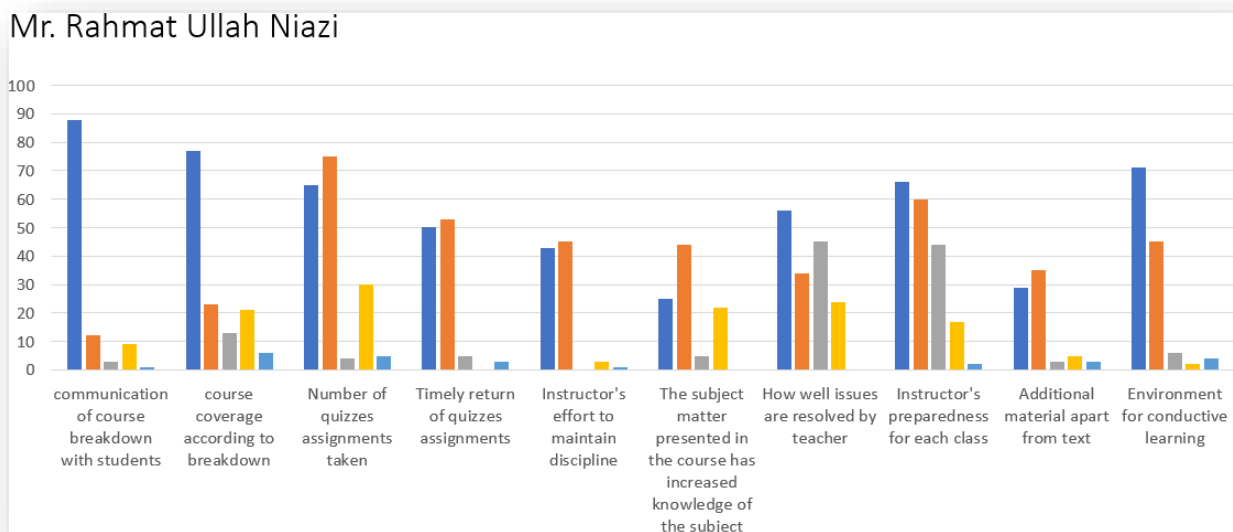
- Comprehensive course material
- Good Teaching method
- Take Quiz Weekly

Weakness:

- No significant weakness was found.

Mr. Rahmat Ullah Niazi

The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 79% are strongly agreed, 21% are agreed, 12% are uncertain, 20% disagreed and 2% 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, 7% are uncertain, 2% disagreed and 4% are strongly disagreed. 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 “Number of quizzes assignments taken” ,shows that 63% are strongly agreed, 72% are agreed, 2% are uncertain, 30% disagreed and 2% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

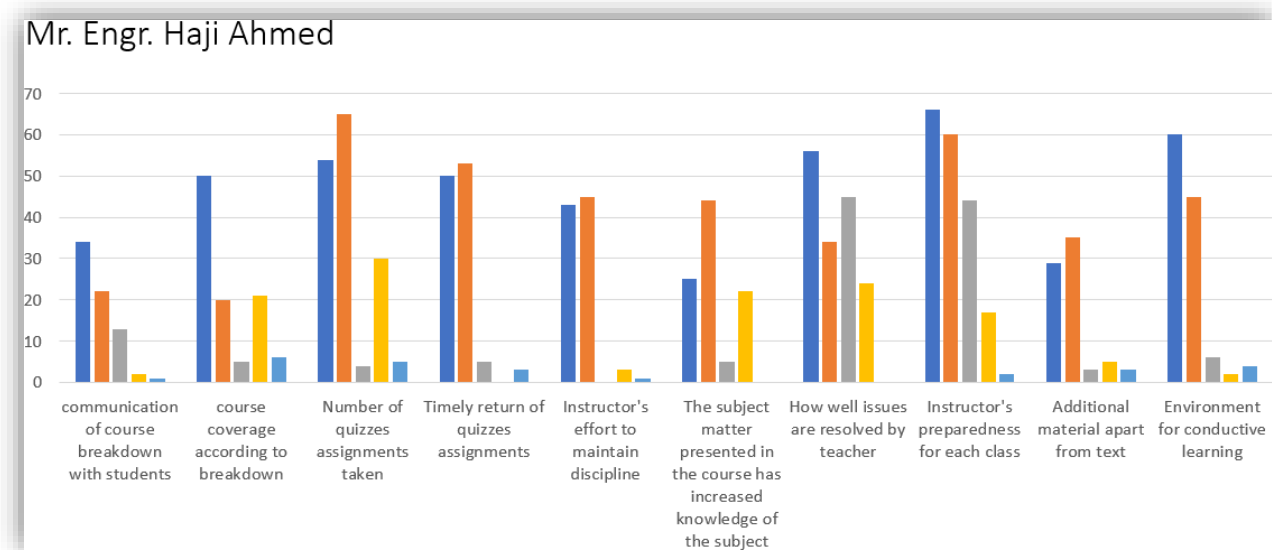
- Good pace
- Provides Relevant Material
- Respects Students

Weakness:

- Instructor should encourage class participation

Mr. Engr. Haji Ahmed

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 “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. The graph for “Number of quizzes assignments taken with correspondence to course breakdown” , shows that 55% are strongly agreed, 65% are agreed, 5% are uncertain, 30% disagreed and 6% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 67% are strongly agreed, 60% are agreed, 43% are uncertain, 17% disagreed and 8% 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.



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 courses of the respective teachers were also evaluated as per Performa 1 (Annexure-1) and the results are shown in Fig-2. The teacher who taught the score MGT-771 has score 95.2%, the teacher for ENG-705 has score 92%, the teacher for CS-737 has score 92%, the teacher for ENG715 has score 91%, the teacher for CS-704 has score 90.5%, the teacher for CS-798 has score 90.5%, the teacher for CS-763 has score 89%, the teacher for CS-772 has score 89%, the teacher for CS-745 has score 88%, the teacher for CS-708 has score 88%, the teacher for CS-771 has score 87 %,the teacher for CS-723 has score 84.1 %, the teacher for CS-724 has score 81.1%, the teacher for CS-701 has score 80%, the teacher for CS-784 has score 77.5%, the teacher for CS782 has score 77%, the teacher for CS-727 has score 72%, the teacher for CS-729 has score 69%, the teacher for CS-709 has score 58%, the teacher for CS-783 has score 49%, the teacher for CS733 has score 49%, the teacher for CS-793 has score 37%. The scores of other courses of respective teachers can be seen from the graph. Each course evaluation is presented graphically below

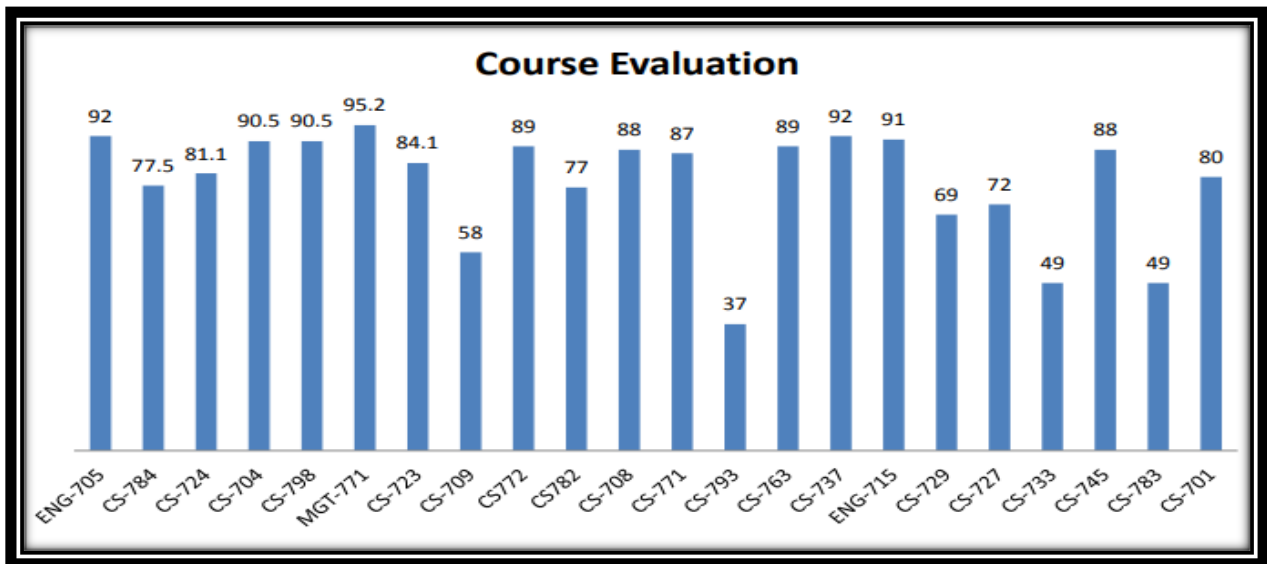
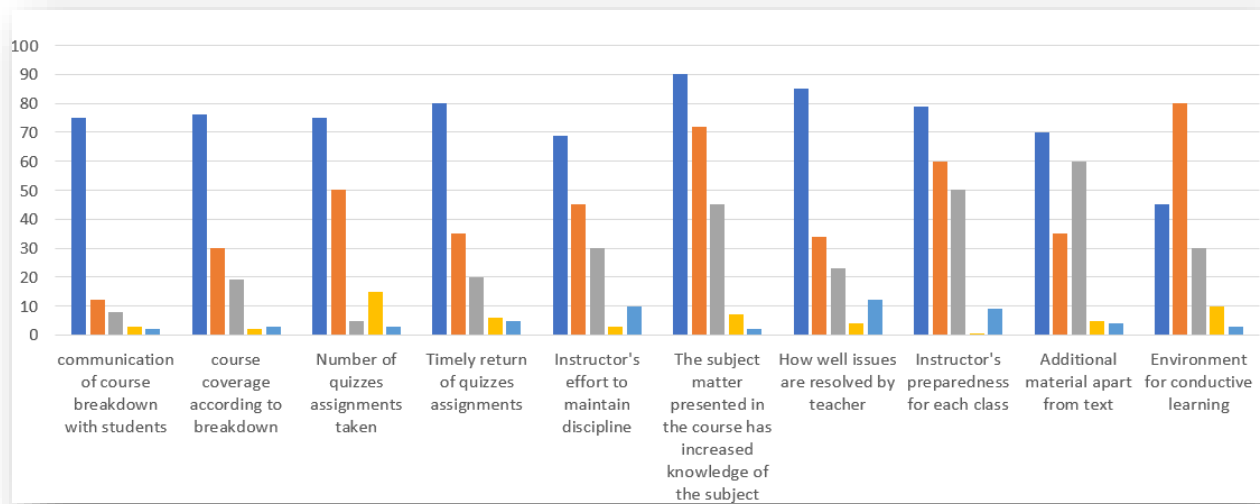


Figure 2: Student Course Evaluation Graph

Dr. M. A Rizvi (CS-763)

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, 10% disagreed and 0% 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, 2% disagreed and 10% are strongly disagreed. 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 1% 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, 2% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

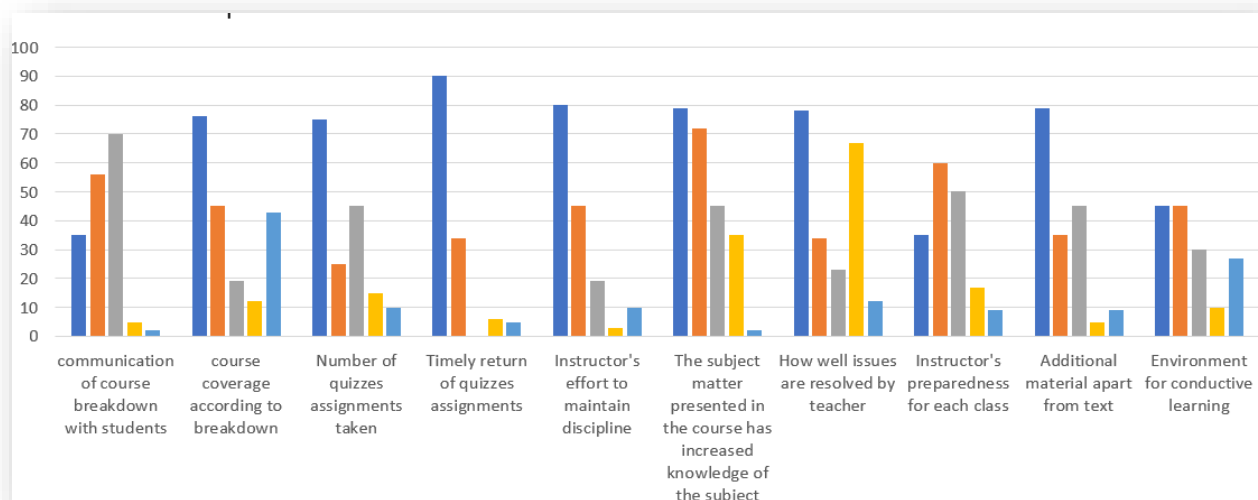
- Good grip at course
- Punctual
- Fair in examination
- Good Teaching method

Weakness:

- No significance weakness was found

Dr. Mudassir Iqbal (CS-784)

The graph for “The instructor timely quizzes and assignments.”, shows that 90% are strongly agreed, 35% are agreed, 0% are uncertain, 3% disagreed and 1% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 32% are strongly agreed, 60% are agreed, 50% are uncertain, 5% disagreed and 9% 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 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 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

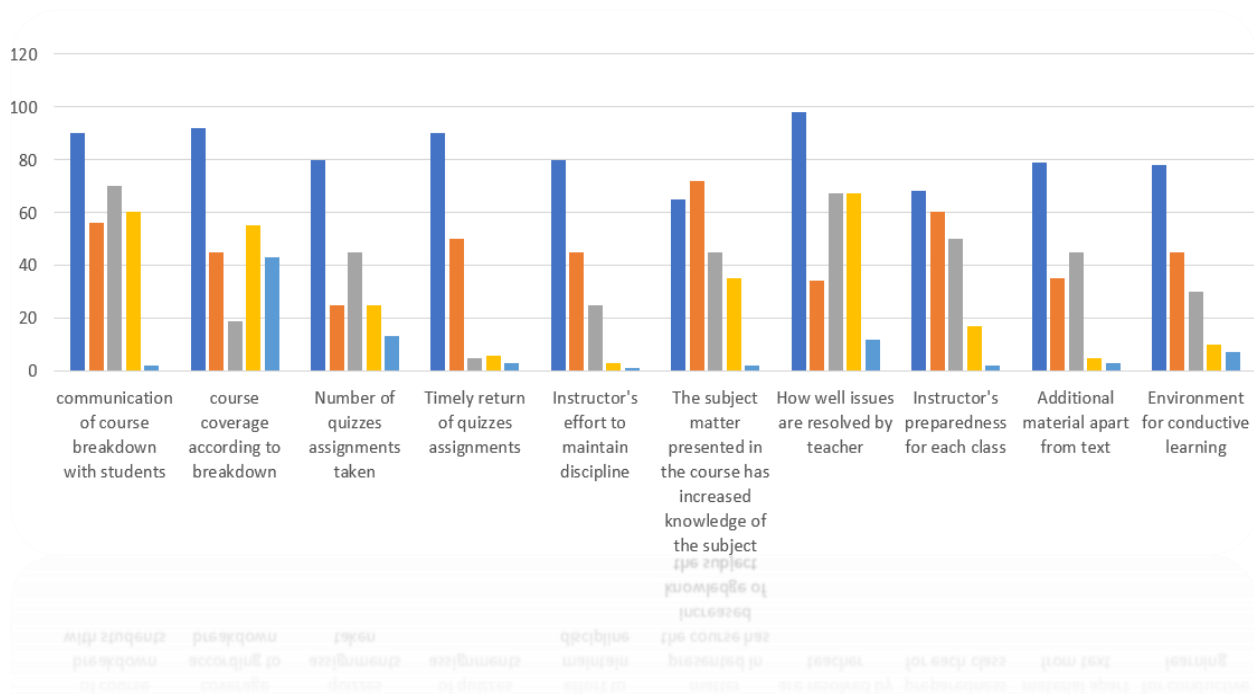
- Well prepared

Weakness:

- No significant weakness was found.

Dr. Javaid Ullah Khan (CS-704)

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, 5% disagreed and 4% are strongly disagreed. The graph for “Timely return quizzes and assignments” shows that 85% are strongly agreed, 45% are agreed, 3% are uncertain, 6% disagreed and 1% are strongly disagreed. “The Instructor provides additional material apart from text”, shows that 79% are strongly agreed, 30% are agreed, 42% are uncertain, 5% disagreed and 1% 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, 15% disagreed and 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

- Handles queries very well
- Understands students' problems

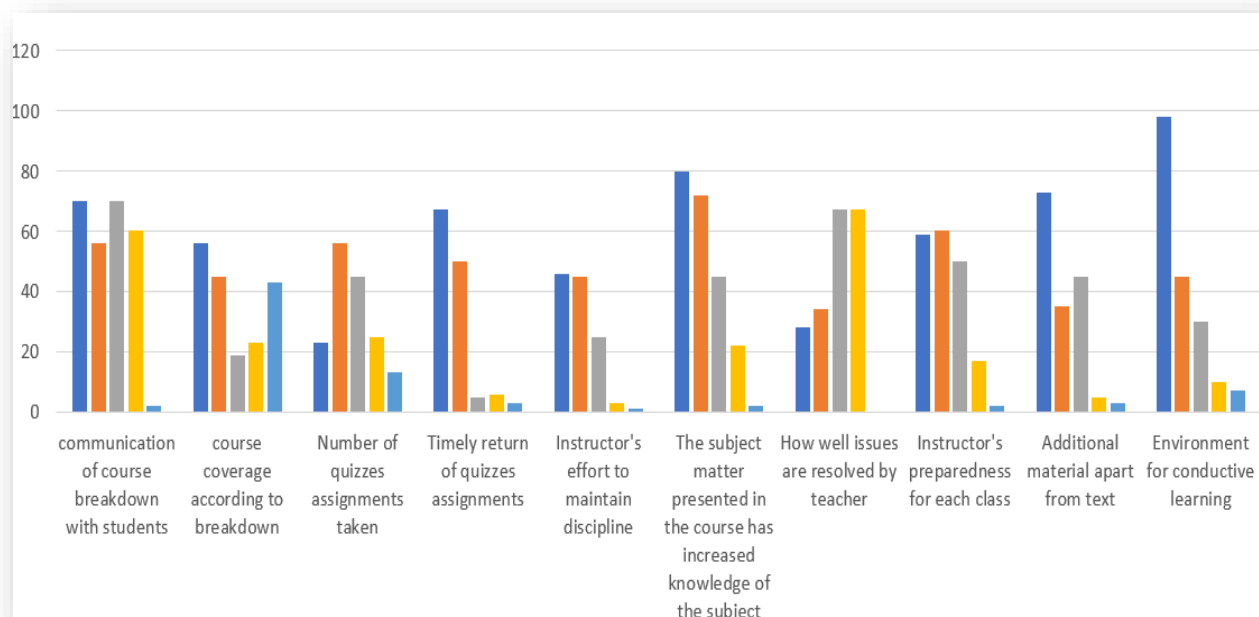
- Makes time for students

Weakness:

- No significant weakness was found

Dr. M Asif Khan (CS-723)

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, 10% disagreed and 7% 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, 44% are uncertain, 21% disagreed and 3% 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, 18% 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 70% are strongly agreed, 58% are agreed, 70% are uncertain, 60% disagreed and 1% are strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 70% are strongly agreed, 37% are agreed, 43% are uncertain, 5% disagreed and 2% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

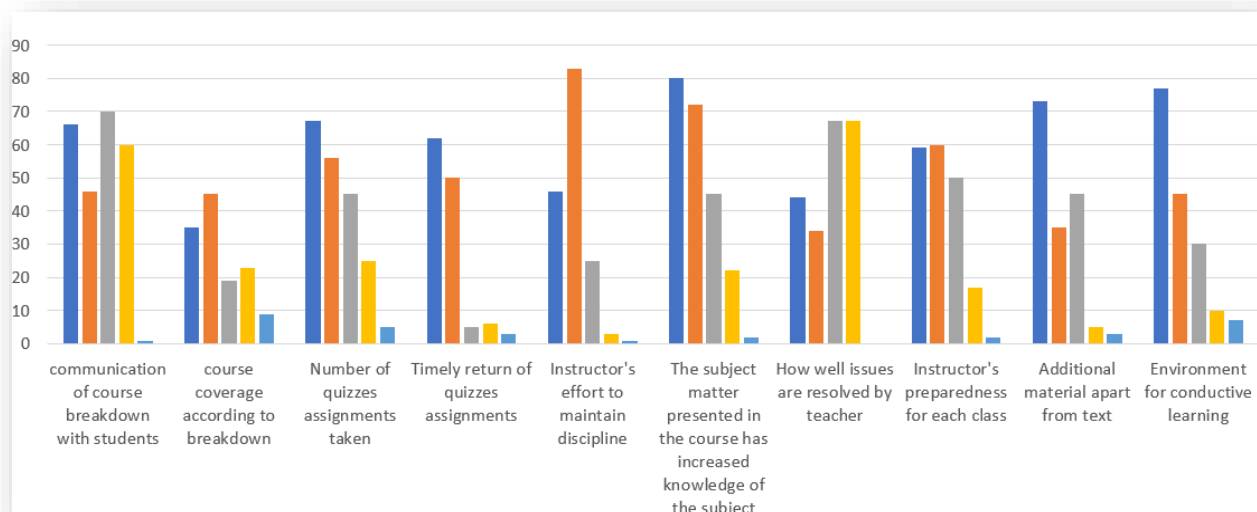
- Course intend delivered well
- Instructor demonstrate the knowledge of subject very well
- Instructor provides additional material apart from the text
- Fair marking
- Kind teacher

Weakness:

- No significant weakness was found.

Dr. Fadia Shah (CS-709)

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, 42% are uncertain, 21% disagreed and 1% are strongly disagreed. The graph for “Timely return quizzes and assignments” shows that 61% are strongly agreed, 50% are agreed, 4% are uncertain, 5% disagreed and 2% are strongly disagreed. The graph for “The instructor maintains an environment that is conducive to learning.” shows that 78% are strongly agreed, 30% are agreed, 40% are uncertain, 10% disagreed and 5% are strongly disagreed. The graph for “The Instructor provides additional material apart from text”, shows that 71% are strongly agreed, 35% are agreed, 42% are uncertain, 5% disagreed and 2% 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:

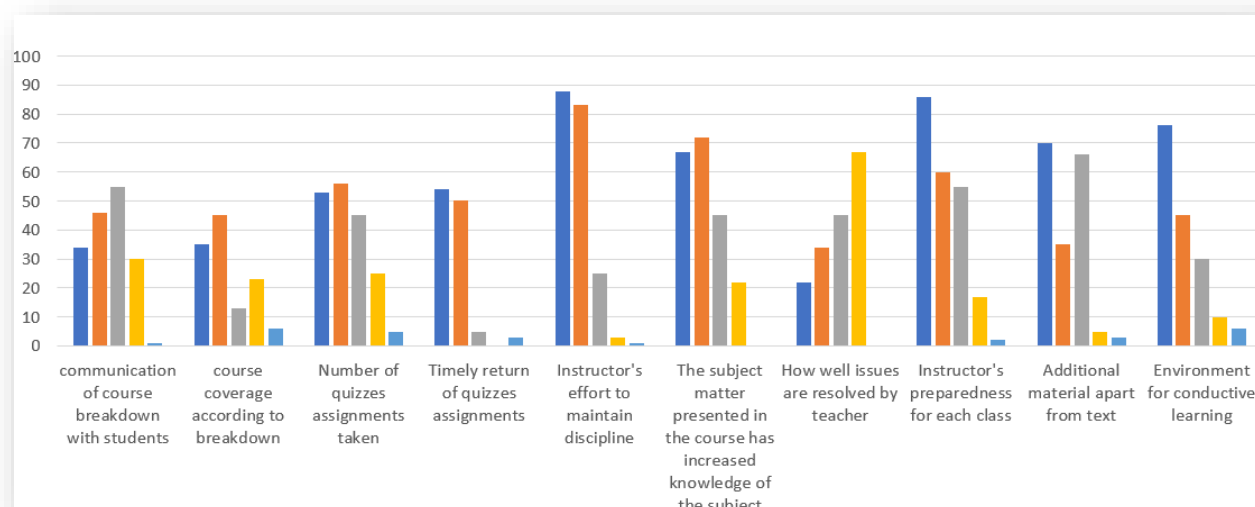
- Well prepared
- Punctual
- Instructor demonstrate the knowledge of subject very well
- Instructor provides additional material apart from the text
- Effective lab tasks

Weakness:

- No significant weakness was found.

Mr. Hamid Hussain Awan (CS-772)

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 instructor is prepared for each class”, shows that 85% are strongly agreed, 60% are agreed, 52% are uncertain, 12% disagreed and 1% 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 0% 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 1% are strongly disagreed. 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, 2% disagreed



and 1% are strongly disagreed.

General Comments of the Students about the Teacher Strengths:

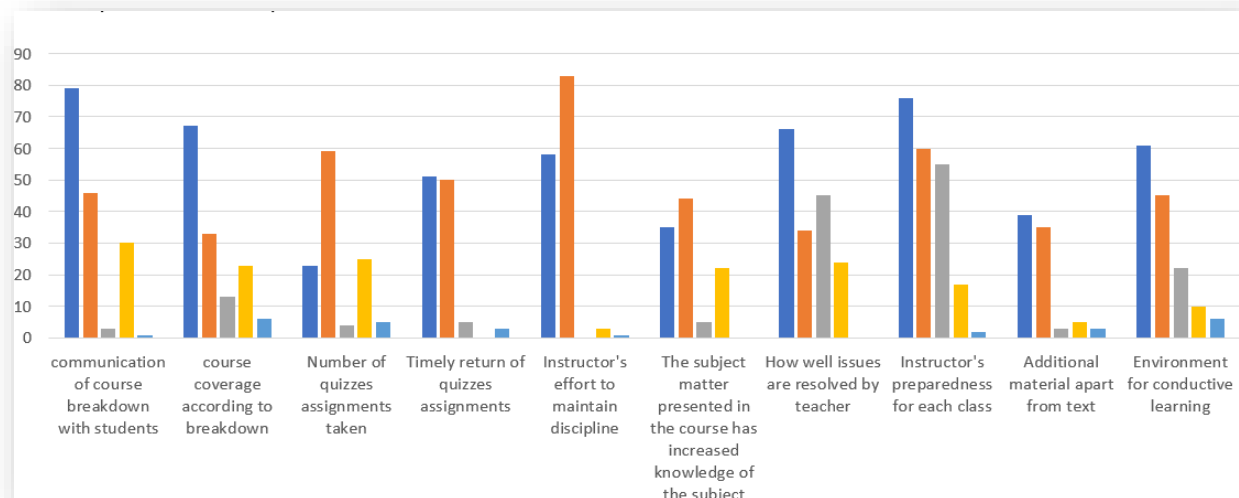
- Well-rehearsed
- Work hard on making assignments and quizzes
- Fair marking

Weakness:

- The Instructor make more conceptual lab tasks

Engr.Aamir Mehmood (CS-782)

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 is prepared for each class”, shows that 78% are strongly agreed, 60% are agreed, 55% are uncertain, 13% disagreed and 1% 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 1% 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:

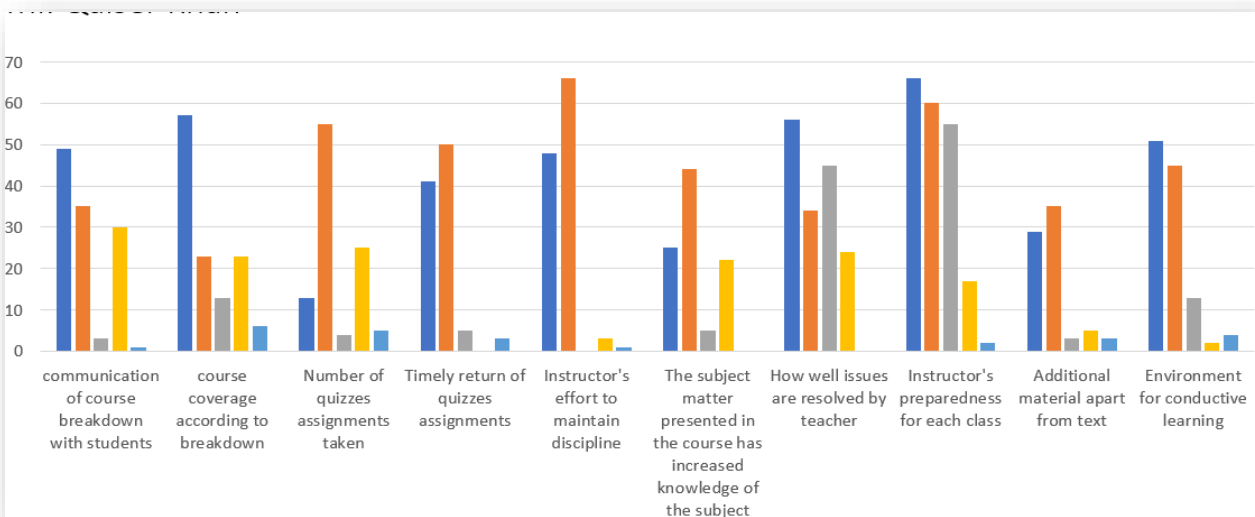
- Punctual in classes and fair in examination
- Well prepared
- Good communication

Weaknesses:

- Course material should be more updated
- The assignment and exam should cover the material presented in the class.

Mr.Fazal Ur Rehman Shamil (CS-708)

The graph for “The instructor maintains an environment that is conducive to learning.”, shows that 50% are strongly agreed, 45% are agreed, 13% are uncertain 2% disagreed and 3% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 69% are strongly agreed, 60% are agreed, 55% are uncertain, 22% disagreed and 1% 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, 45% are agreed, 5% are uncertain, 22% disagreed and 0% 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:

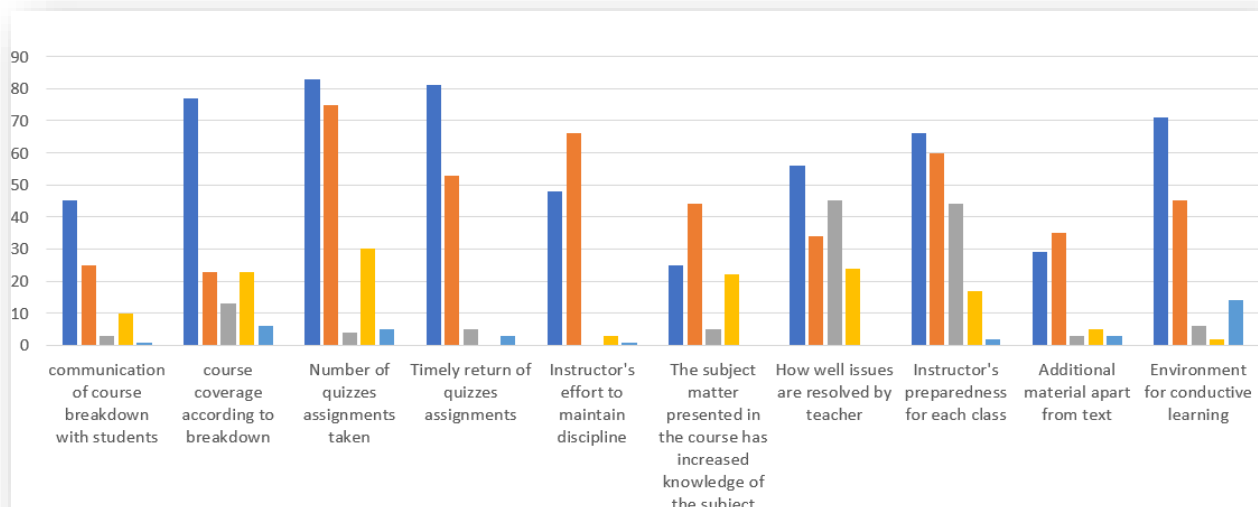
- Well-rehearsed
- Makes fair judgement in class matters
- Maintains an environment that is conducive to learning
- Punctual and respects the students
- The Instructor provides additional material apart from text
- The subject matter presented in the course has increased your knowledge of the subject

Weaknesses:

- No significant weakness was found.

Ms.Sahrish Khalil (CS-771)

The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 45% are strongly agreed, 25% are agreed, 2% are uncertain, 10% disagreed and 1% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 65% are strongly agreed, 60% are agreed, 43% are uncertain, 15% 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, 1% 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, 75% are agreed, 5% are uncertain, 30% disagreed and 5% 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:

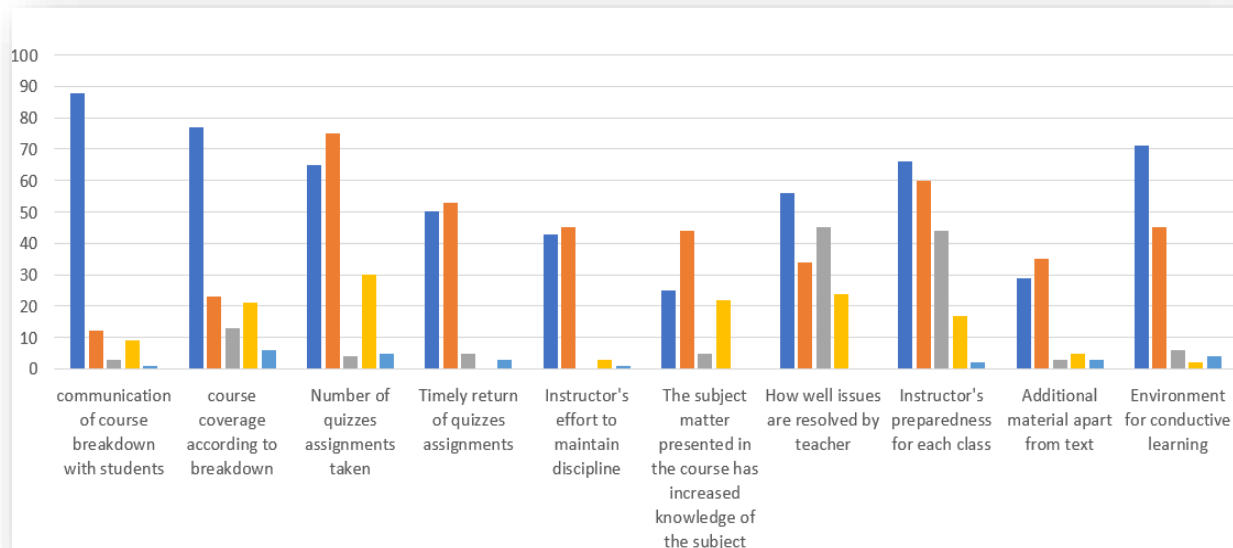
- Comprehensive course material
- Good Teaching method
- Take Quiz Weekly

Weakness:

- No significant weakness was found.

Ms.Qurat Ul Ain Alam (CS-793)

The graph for “The communication of course breakdown with students and coverage of course according to breakdown”, shows that 89% are strongly agreed, 10% are agreed, 4% are uncertain, 8% disagreed and 1% are strongly disagreed. The graph for “The instructor is prepared for each class”, shows that 89% are strongly agreed, 10% are agreed, 2% are uncertain, 8% 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, 7% are uncertain, 2% disagreed and 5% 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 1% are strongly disagreed.



General Comments of the Students about the Teacher Strengths:

- Good pace
- Provides Relevant Material
- Respects Students

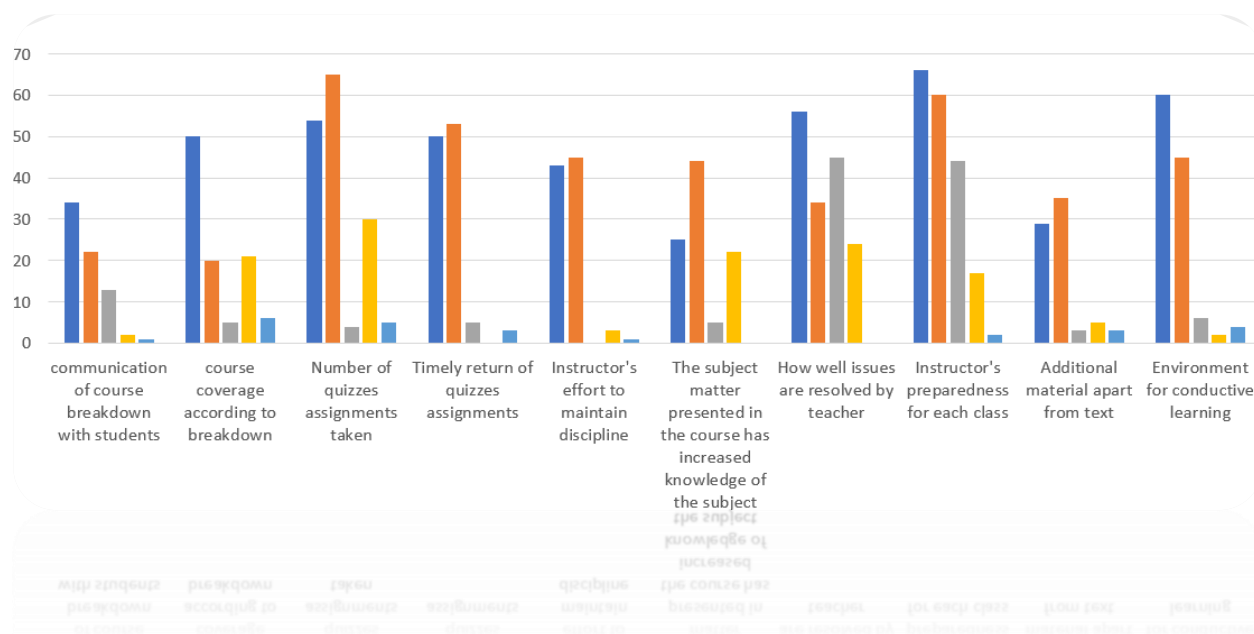
Weakness:

- Instructor should encourage class participation

Ms.Ayesha Siddiq (CS-737)

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. 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. “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

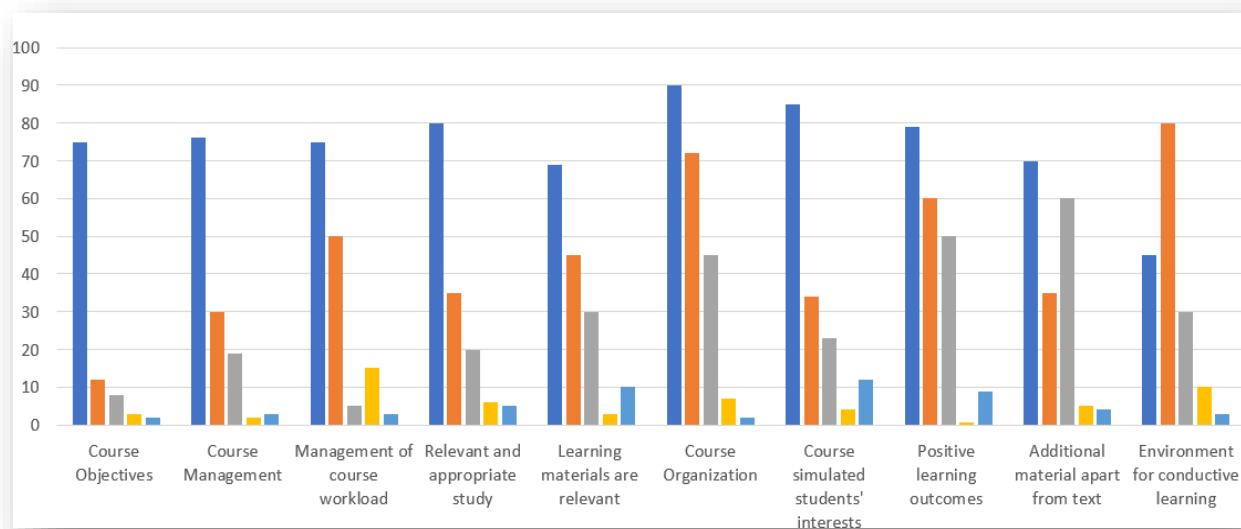
Weakness:

- No significant weakness was found

Qaiser Khan (CS-729)

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 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 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 40% were strongly agreed, 79% agreed, 60% are uncertain, 50% disagreed and 5% strongly disagree.



General Comments by Students about this course:

Strengths:

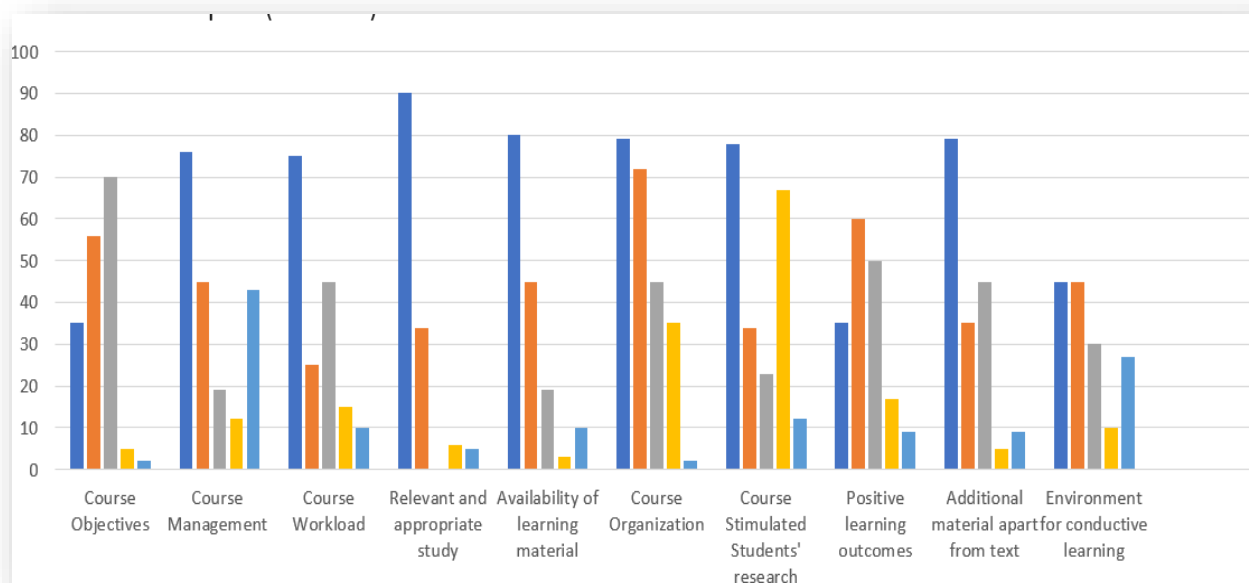
- The Course Objectives were clear
- The Course workload was manageable
- The course was well organized
- The course simulated students interests and thought on the subject

Weaknesses:

- No significant weakness was found.

Mr.Seemab Zafar (CS-727)

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 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 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, 63% disagreed and 11% strongly disagree.



General Comments by Students about this course:

Strengths:

- The Course workload was manageable

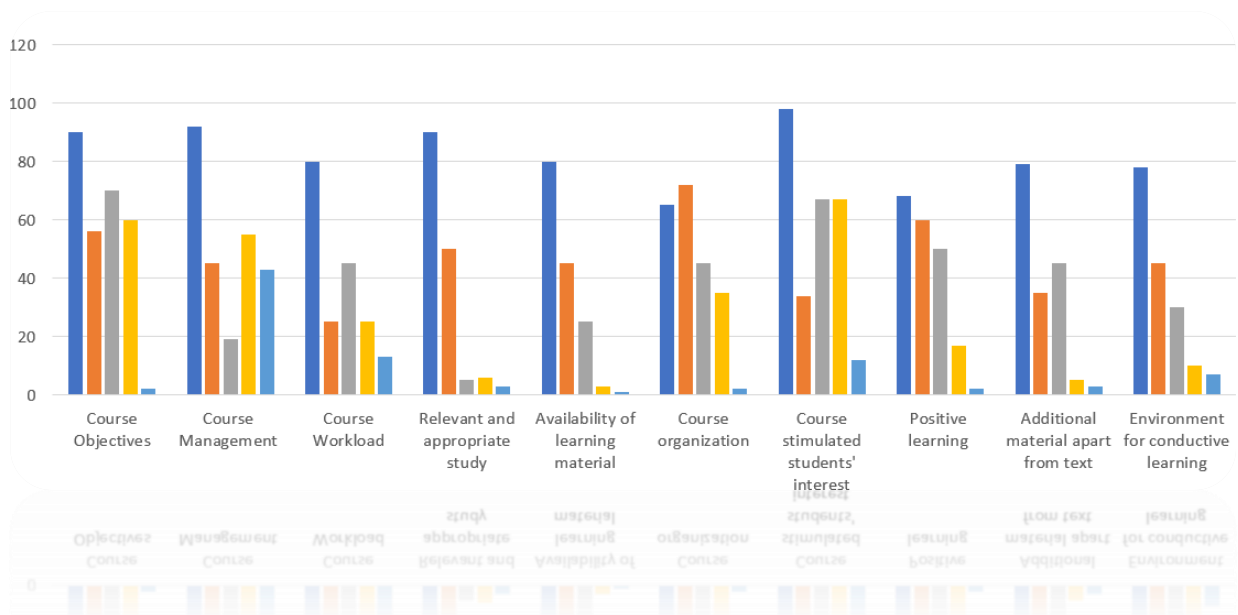
- The course was well organized

Weaknesses:

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

Mr.Maaz Ahmed Khan (CS-733)

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 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 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:

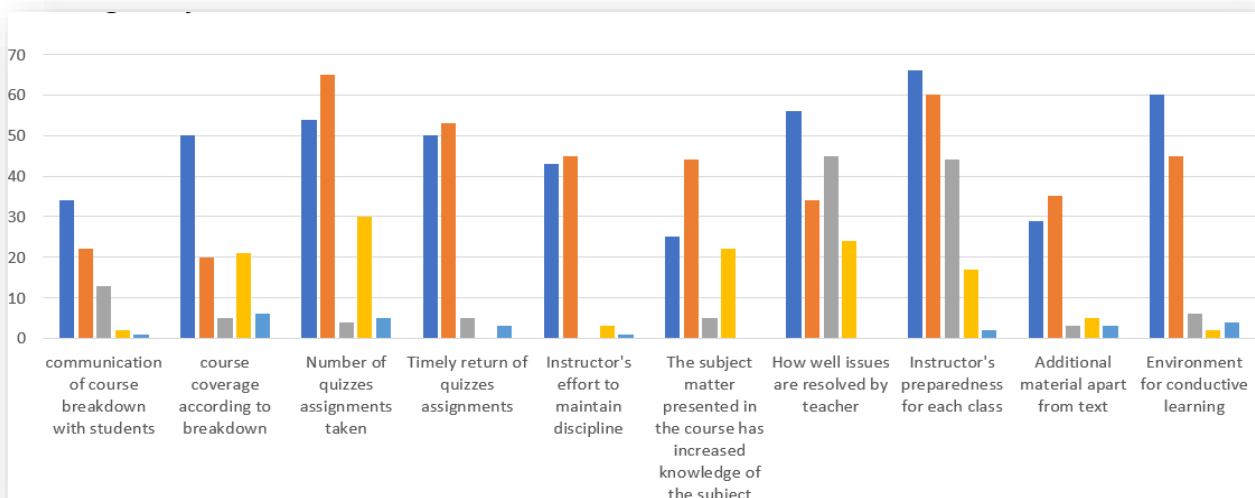
- The Course workload was manageable
- Clear Objectives
- Well organized material

Weaknesses:

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

Mr.Shahid Rathode (CS-745)

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. 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. “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:

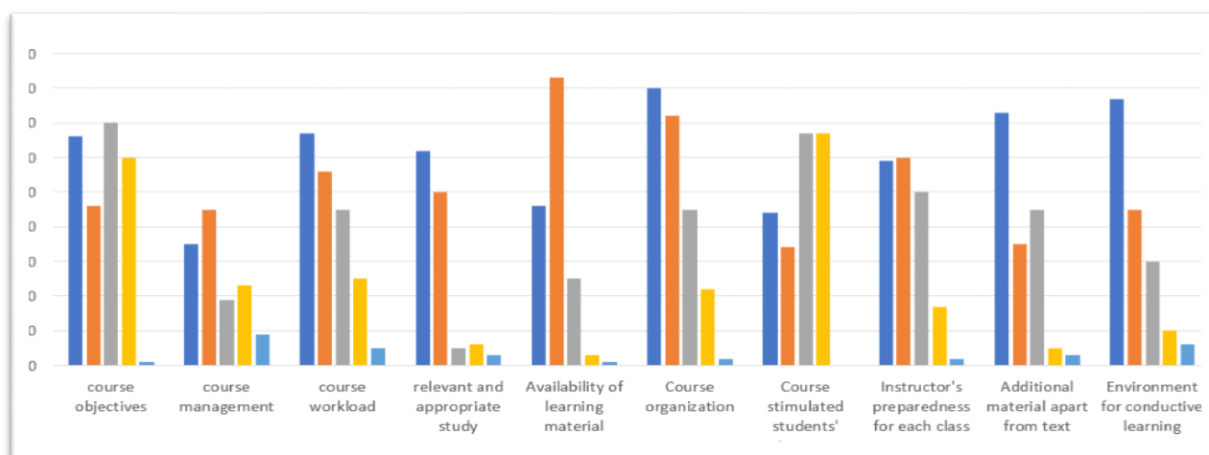
- Understanding of the course
- Clear Objectives
- Well organized material

Weaknesses:

- More practical material should be added

Mr.Haji Ahmed (CS783)

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:

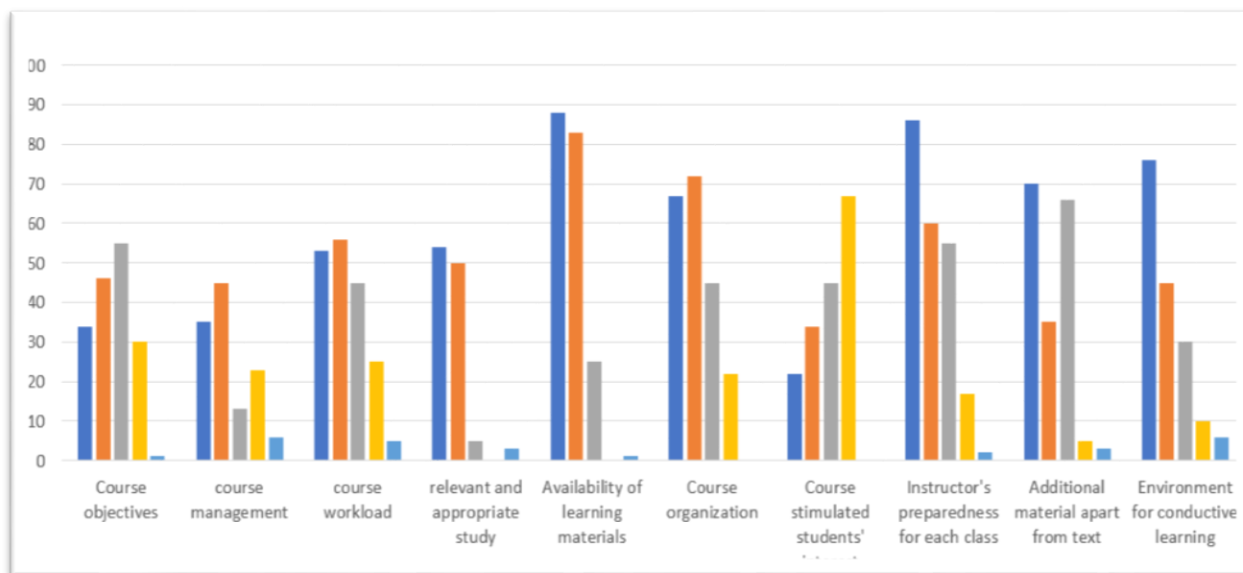
- The Course Objectives were clear
- The Course workload was manageable
- Learning materials (lesson plans, course notes etc.) were relevant and useful
- The course was well organized
- The course simulated students interests and thought on the subject
- Course was well structured to achieve the learning outcomes

Weaknesses:

- No significant weakness was found

Mr.Iftikhar Muhammad (CS-701)

The graph “Learning materials (lesson plans, course notes etc.) were relevant and useful” reflects this, 88% strongly agreed, 82% agreed, 25% 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”, 68% strongly agreed, 71% agreed, 45% are uncertain, 20% disagreed and 0% strongly disagree. 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 “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

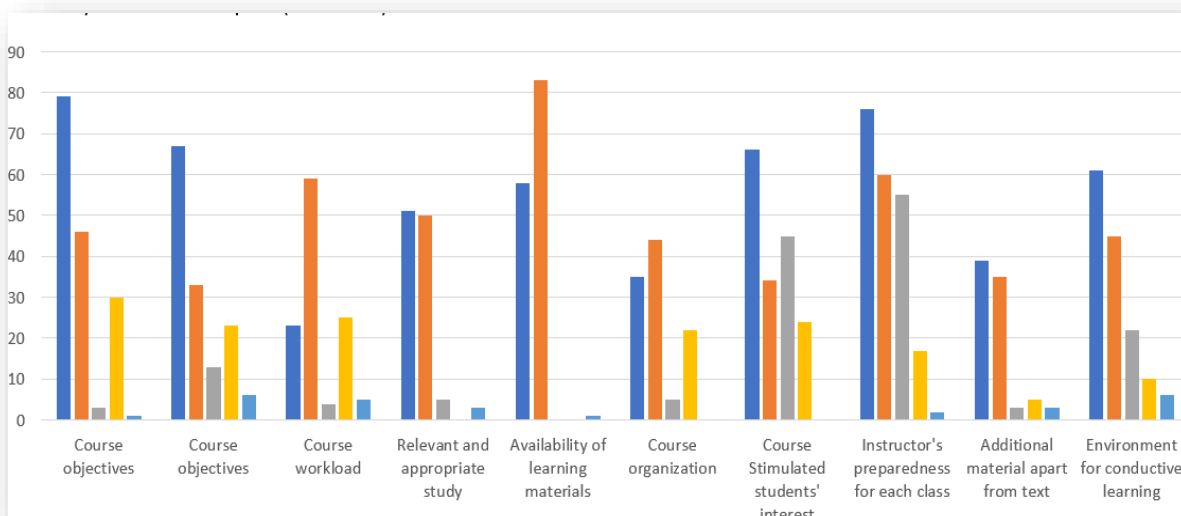
Weaknesses:

- No significance weakness was found.

Ms.Sadia Sultana (CS-724)

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”, 39% strongly agreed, 43% agreed, 5% are uncertain, 20% disagreed and 0% strongly disagree. 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, 1% 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, 5% are

uncertain, 6% disagreed and 5% strongly disagree. The instructor recommended relevant and appropriate study material for this course. 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 59% 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

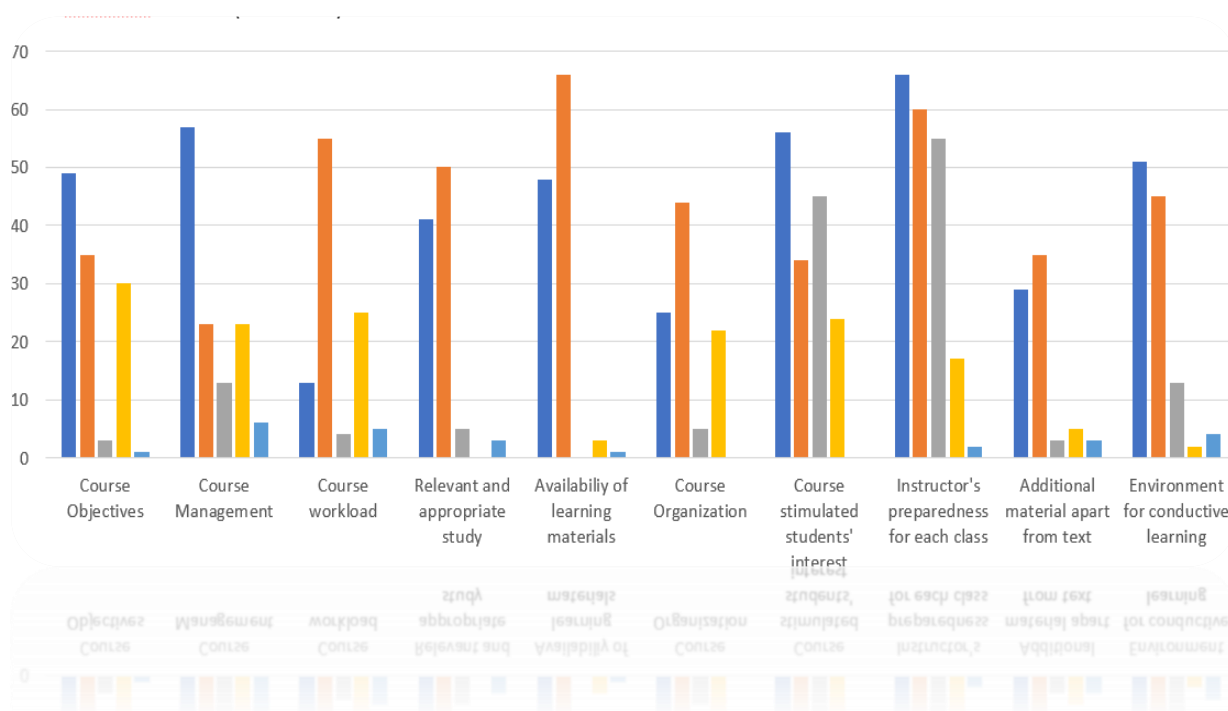
Weaknesses:

- No significance weakness was found

Ms. Saira Sultana (CS-704)

The graph “The Course workload was manageable” show this, 12% strongly agreed, 55% agreed,

5% are uncertain, 25% 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, 49% strongly agreed, 66% agreed, 0% are uncertain, 4% disagreed and 1% strongly disagree. 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 disagree. 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 disagree. The teacher has managed the course workload very well. The graph “The course simulated students interests and thought on the subject” shows that 55% strongly agreed, 35% 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

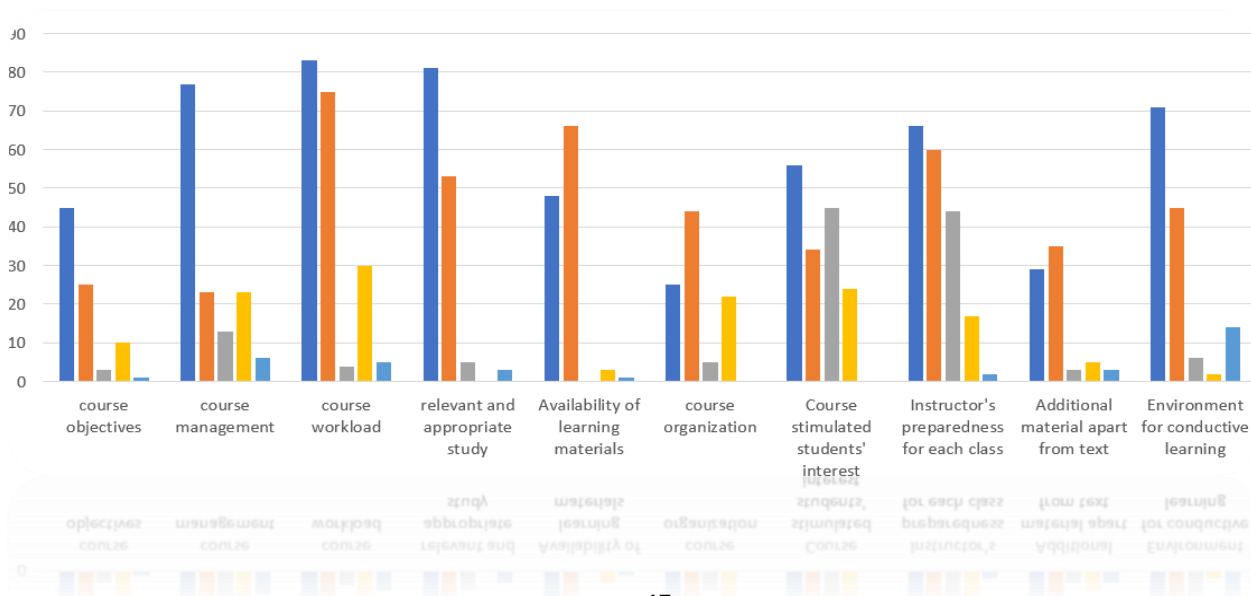
- Course was well structured to achieve the learning outcomes
- The Course workload was manageable

Weaknesses:

- No significance weakness was found

Ms. Tayyaba Kalsoom (CS-723)

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 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 “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:

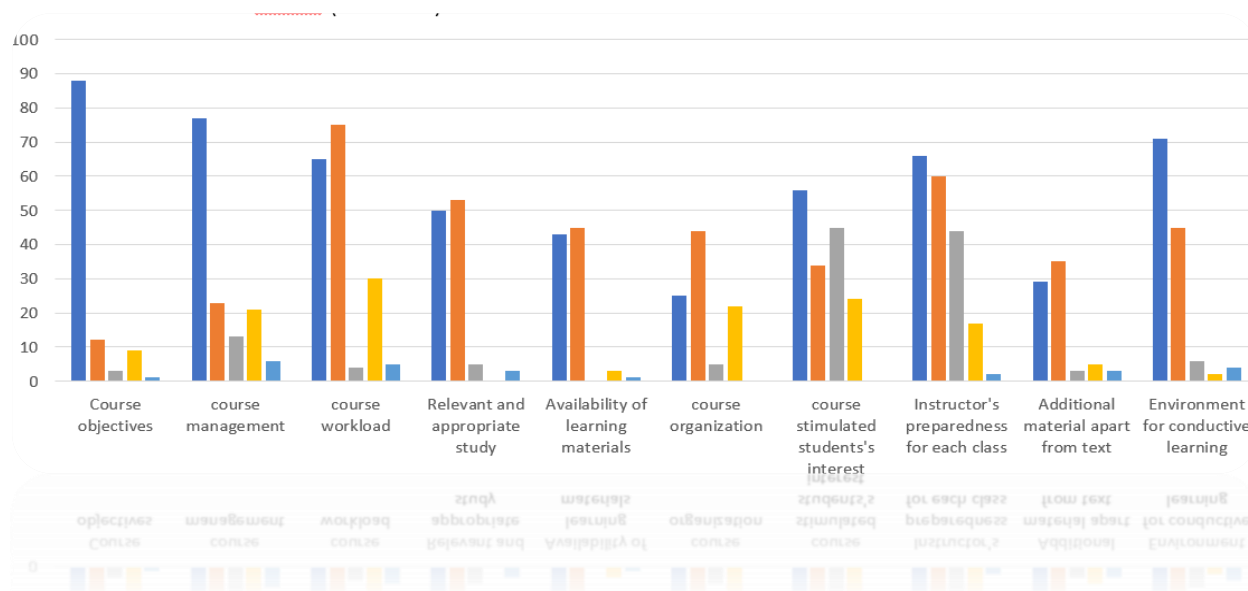
- The Course workload was manageable
- Clear Objectives
- Well organized material

Weaknesses:

- No significance weakness was found

Ms. Kiran Saeed (CS-708)

The graph “The Course workload was manageable” show this, 62% strongly agreed, 73% agreed, 5% are uncertain, 30% 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, 43% strongly agreed, 44% agreed, 0% are uncertain, 2% disagreed and 1% strongly disagree. 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 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

Performa 3

Survey of Graduating Students

The objective of this survey was to obtain the input on the quality of education they received in their program and level of preparation they had at the university. The results were shown as follows.

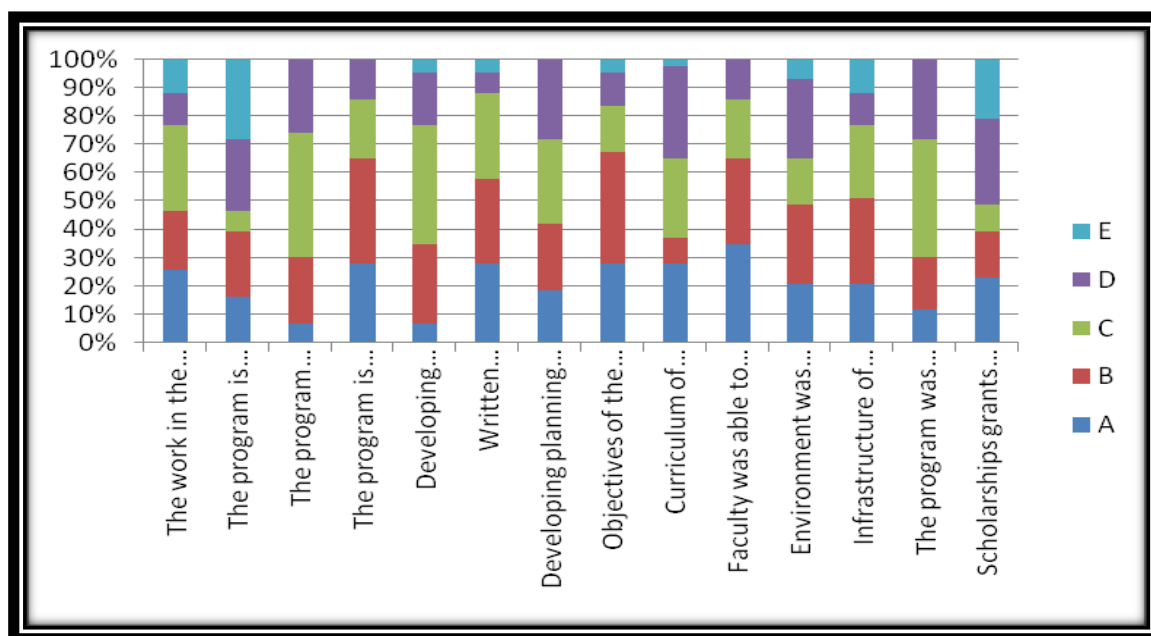


Figure 3: Survey of Graduating Students

The chart shows that 30% of the students were very satisfied that the program was compromised of curriculum and extracurricular activities, 20% were answered that environment in the university was conducive to learning and 30% were certain about this. 10% were satisfied that program has developed analytical and problem solving skills. It is observed that majority of the graduating students have shown positive response in the current program, infrastructure and environment.

Performa 7: 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 38 students provided the data. The survey results were shown as follows.

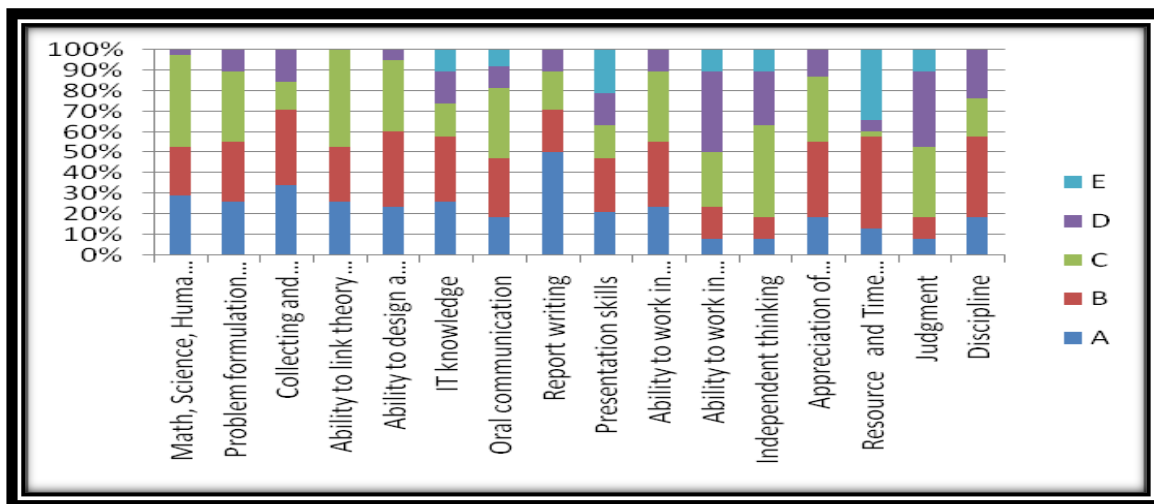


Figure 5: Alumni Survey

It has been observed that 25% responded excellent regarding their abilities to problem formulation work. About 7% has reported excellent on Independent thinking and judgment skills. 25% answered good regarding their abilities to work in team and 20% agreed that department has improved their presentation skills. 50% has shown that their written skills such as report writing are improved /good but 20% responded poor about their oral communication skills.

Performa 8:

Employer Survey

The objective of this survey was to obtain employers input on the quality of education, the department is providing and to assess the quality of the academic program. The survey included University graduates employed in different organizations. A total of 35 employers provided the data. The results were shown as follows.

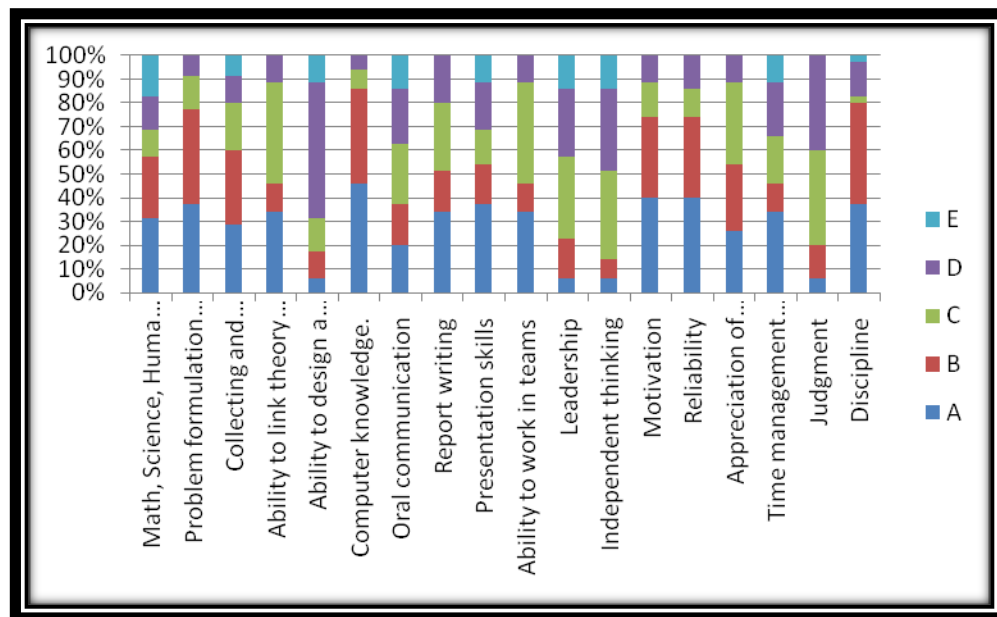


Figure 5: Employee Survey for Determining the Student's Skill Level

The above chart shows the responses of the employers interest in Math, Science, Humanities and professional discipline are as 30% excellent, 10% responded very good. 10% were answered excellent on their independent thinking 5% were agreed on the improvement of leadership qualities. 30% were responded excellent on interpersonal skills and time management skills.

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 MCS program is not a research-oriented program. At MCS 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. Kaiser 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	-	-	-

Future Plans

The Management of BIMS has planned a number of research studies and practical work in future deal with the issues of computer science and information technology as according to the requirement of HEC

Table 4: Quantitative assessment of the department

Sr. #	Particular	No.	Remarks
I	MCS 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: 23
VI	Technical: Nontechnical Ratio	-	Fulfill HEC criteria

CRITERION 2: CURRICULUM DESIGN AND ORGANIZATION

Intent

All the courses of MCS degree program are approved 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 MCS degree program consists of 2 academic years / 4 semesters.

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 programs objectives

Table 5: Courses versus Outcomes

Courses	Outcomes					
	1	2	3	4	5	6
CS-701, CS-727, CS-783, CS-793	+++	+	++	++	+++	+
CS-708, CS-729, CS-745, CS-772, CS-733	+++	++	++	+	++	++
CS-709, CS-724, CS-774, CS-704, CS-784, CS-798	+++	++	++	+	++	++
CS-737, CS-763, CS-782, CS-771	+	+	++	++	++	+++
ENG-705, ENG-715	++	++	+	++	++	+++

+ = 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

Table 6: Laboratory Facility

Size of campus (in kanals)	23 Kanals	
Covered area (sq ft)	13.5 Kanals (Including 4 Kanal Covered Parking) Open Area: 9.5 Kanals (for student activities)	
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	Overhead projectors:3 Sound system:2
General computing lab facilities: total number of PCs and lab hour	Approximately 100 hours per day Total PCS in labs:250 Lab open 8:00am-8:00pm	
Nature and level of networking	40 Mbps Internet Bandwidth PTCL – 20 MB Nayatel – 20 MB (Fiber Optic)	
Specialized lab facilities and hours of their availability	Linux lab Teaching lab Project lab The labs are open almost the whole day from 8:00 am to 8:00pm	

Average lifetime of a PC in computing labs	3 to 4 years						
Library information	Area	Automated	Total books	Total computer	journals	IEEE	ACM
	3000 sqft	Automated	10,0000	1200	peer-reviewed journals and magazines.	BIMS has an access to digital library services being extended by HEC	

Assessment of MCS Curriculum

The assessment of the MCS 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 at the institute in the soft form.

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

There are enough number of people to support students and maintaining the laboratories. Detail is given below:

Computer Lab support staff:	6
Multimedia Projector Count:	16
Over Head Projectors Count:	3
E-learning Facility: Video Conferencing,	
Digital Library 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 250 in 5 labs.

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 institute. Director Students Affairs is also there and arranges various cultural activities and solves the students' problems. However currently there is no Parent/Teacher association.

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 professional challenges. Theoretical problems are explained and assignments are given to the students whereas, practical are carried out in the labs. Courses are structured and decided by the board of studies meeting. At commencement of each semester, faculty members interact frequently among themselves and with students. Students are welcome to ask questions in class and even after the class. Emphasis is always given for an effective interaction between each section of MCS class.

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	1:23	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 is to have passed the Bachelor Degree Examination with at least 50% Marks from a University recognized by the higher Education Commission (HEC), in Mathematics, Physics, Chemistry, Commerce, Statistics, Engineering, Computer Science and Business Administration.
- Admission will be on open merit basis.
- 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 institution 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, 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 University Selection Board, 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 sets by HEC/PMAS-AAUR are 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, Institute 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. For MCS, the minimum pass marks for each course is 40%.

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.

Below is the detail of faculty members at BIMS for the MCS program.

Full-time Faculty Information

Table 5: Full Time Faculty Members at BIMS for BSCS/BSIT/MCS program

Full time faculty	Number of faculty members with PhD	Number of faculty with MS	Total Number of faculty for MCS Program
30	4	26	30

The entire faculty members are hired on the basis of the degree offered by the institute. As there is no specialization offered in degree's the student enrolled get similar degree. So there is no distribution of faculty in all programs with respect to specialization.

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

- The 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 members need to follow in order to get a positive feedback from the institute for travel grants for the conference.
- The institute provides a certain amount of innovative research inventives to the faculty members.

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

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 career. A table of Results of faculty Survey is at next Page.

Table 6: Result of Faculty Survey

	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 Alam	Ms. Ayesha Siddique	Mr. Qaiser Khan	Mr. Seemab Janjua	Mr. Maaz Ahmed
1	Your mix of research, teaching and community service	A	B	A	A	A	A	A	B	A	A	B	A	A	A
2	The intellectual stimulations of your work.	B	A	B	B	B	B	B	A	B	B	A	B	B	B
3	Type of teaching /research you currently do.	A	B	A	A	A	A	A	B	A	A	B	A	A	B
4	Your interaction with students.	B	A	B	B	B	B	B	B	B	B	A	B	B	B
5	Cooperation you receive from colleagues.	A	B	A	A	B	A	A	B	A	A	B	A	A	B
6	The mentoring available to you.	B	A	B	B	B	B	B	A	B	B	B	B	B	A
7	Administrative support from the department.	A	A	A	A	A	A	A	B	A	A	B	A	A	B
8	Providing clarity about the faculty promotion process.	A	A	B	B	A	B	B	B	B	B	A	B	B	B

9	Your prospects for advancement and progress through ranks.	A	A	A	A	A	A	A	A	A	A	B	A	A	A
10	Salary and compensation package.	B	B	B	B	A	B	B	B	B	B	C	B	B	A
11	Job security and stability at the department.	A	A	A	A	B	A	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	B	B	B
13	The overall climate at the department.	A	B	A	B	B	A	A	B	A	A	B	A	A	A
14	Whether the department is utilizing your experience and Knowledge	B	B	B	A	B	B	B	A	B	B	B	B	B	A

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

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 university administration has been struggling hard to strengthen all the departments/institutes, upgrade them and establish new faculties and Institutes. The university 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	49 Million
Tangible Assets	39 Million
Working Capital	62 Million
Total Assets	150 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 MCS program over past ten years. BIMS is not accredited for a PhD Degree. Teaching Assistant positions are not available at BIMS.

Table 8: Number of students enrolled in MCS in 2013-2018

Year	MCS
2015	(8)
2016	(38)
2017	(54)
2018	64

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 maintenance, library holdings, Laboratories, computing facilities and faculty development.

Table 9: Financial Information about the institution and the Program

LIB Holdings	5.4 Million
Laboratories + Computer H/W	10.2 Million
Computing (Software)	4.1 Million
Total Assets	19.7 Million

SUMMARY AND CONCLUSION

The Self-Assessment Report (SAR) of the Barani Institute of Management Sciences (BIMS), an affiliation with Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi for Degree Program Master in Computer Science (MCS) provides an evaluation of the performance against out stated criteria. This report begins with an introduction of the institute followed by a detailed discussion of the MCS degree program including its importance, the main features, objective, outcomes and measures to assess those objectives.

MCS is a two years degree program, during which a variety of relevant computer science courses are offered to the students. To give the students industry exposure regarding latest happenings and because of the large number of offered courses, Industry experienced visiting faculty is also engaged to work in collaboration with the full-time faculty members. In order to maintain and promote an outstanding quality of education, a continued assessment of the teaching and courses is conducted, throughout a semester, in accordance with the rules and regulations of the HEC.

The core of the curriculum designed for MCS program is according to the market and international standards of computer education guided by the requirements set 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.

Coordinator: Mr. Semaab Zafar
Ms.Tayyaba Kalsoom
Ms. Kiran Saeed

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)	35%	50%	7%	8%	0%
2	Problem formulation and solving skills	58%	21%	11%	8%	2%
3	Collecting and analyzing appropriate data	41%	43%	5%	8%	3%
4	Ability to link theory to practice	48%	34%	5%	5%	8%
5	Ability to design a system component or process	42%	28%	15%	12%	3%
6	IT knowledge	53%	37%	4%	2%	4%
II	Communication Skills					
1	Oral communication	52%	24%	13%	6%	5%
2	Report writing	57%	31%	8%	2%	2%
3	Presentation skills	29%	33%	15%	16%	7%
III	Interpersonal Skills					
1	Ability to work in teams.	49%	10%	28%	8%	5%

2	Ability to work in arduous/Challenging situation	39%	45%	8%	3%	5%
3	Independent thinking	52%	29%	10%	5%	4%
4	Appreciation of ethical Values	30%	37%	22%	6%	5%
IV	Management/Leadership Skills					
1	Resource and Time management skills	37%	48%	5%	10%	0%
2	Judgment	56%	24%	14%	1%	5%
3	Discipline	75%	8%	8%	5%	4%
V	General Comments					
VI	Career Opportunities					
VII	Department Status					
1	Infrastructure	33%	41%	10%	12%	4%
2	Faculty	49%	28%	10%	10%	3%
3	Repute at national level	63%	35%	2%	0%	0%
4	Repute at International level	16%	47%	10%	6%	21%

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.	57%	32%	2%	4%	4%
2	The program is effective in enhancing team-work abilities.	52%	35%	2%	7%	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.	43%	41%	9%	2%	4%
5	The program is effective in developing independent thinking.	52%	20%	14%	6%	8%
6	The program is effective in developing written communication skills.	48%	33%	13%	0%	6%
7	The program is effective in developing planning abilities.	43%	35%	4%	11%	9%
8	The objectives of the program have been fully achieved.	41%	37%	13 %	4%	4%
9	Whether the contents of the curriculum are advanced and meet program objectives.	39%	35%	15%	2%	9%
10	The faculty was able to meet the program objectives.	43%	30%	7%	17%	4%
11	The environment was	30%	28%	22%	6%	14%

	conducive for learning					
12	Whether the infrastructure of the department was good	34%	17%	33%	11%	4%
13	Whether the program was comprised of Co-curricular and extra-curricular activities	26%	15%	33%	17%	9%
14	Whether scholarships/grants were available to students in case of hardship.	69%	20%	9%	2%	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)	59%	20%	15%	3%	3%
2	Problem formulation and solving skills	54%	31%	2%	9%	3%
3	Collecting and analyzing appropriate data	53%	26%	13%	3%	6%
4	Ability to link theory to practice	41%	34%	17%	8%	0%
5	Ability to design a system component or process	47%	32%	7%	7%	5%
6	Computer knowledge	72%	9%	3%	9%	7%
II	Communication Skills					
1	Oral communication	40%	30%	16%	10%	3%
2	Report writing	43%	24%	17%	4%	13%
3	Presentation skills	43%	25%	17%	5%	10%
II I	Interpersonal Skills					
1	Ability to work in teams.	53%	17%	29%	1%	0%
2	Leadership	36%	32%	19%	0%	13%
3	Independent thinking	41%	50%	9%	0%	0%
4	Motivation	46%	31%	12%	4%	7%

5	Reliability	46%	28%	0%	5%	21%
6	Appreciation of ethical values	52%	11%	16%	8%	13%
IV	Work Skills					
1	Time management skills	42%	50%	8%	0%	0%
2	Judgment	46%	27%	15%	10%	1%
3	Discipline	36%	44%	18%	2%	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

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

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	➤ 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	5
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	Workshops, Seminars

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	-

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	Yes
Postdocs	
Undergraduate	
Students	
Honor Students	
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

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

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	➤ 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	Web Development
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

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	-

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

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

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 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	-

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	-

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

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

FACULTY RESUME

Name:	Engr. Haji Ahmed
Personal:	Department of Computer Sciences Barani Institute of Management Sciences Hajiahmed789@gmail.com Contact: +92-51-4853701
Experience:	05 years
Honors and Awards	-
Memberships	➤ Admission Committee, Department of CS. ➤ 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	➤ Electronics Engineering
Publications	5
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

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	-

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

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

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	➤ 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	-

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	☐ Fluid Mechanics ☐ Differential Equations ☐ Classical and Relativistic Plasmas
Publications	Nil
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

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

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

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	➤ 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	Computer Sciences and Information Security
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

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	➤ 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	Software Engineering
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

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	➤ 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	Computer Sciences
Publications	-
Research Grants and Contracts	-
Other Research or Creative Accomplishments	As described above
Selected Professional Presentations	-

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	-

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

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 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

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 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

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



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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS- 763	Title:	Digital Logic Design		
Session:	2016	Semester:	Spring		
Credit Value:	3(3-0)	Level:	MCS	Prerequisites:	
Name Of Course Instructor:	Dr. M. Rizvi	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, Lab Practicals, 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	51	1.96	17.65	54.9	15.69		7.84			
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: Dr. M. Rizvi 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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-784	Title:	Distributed Database Systems		
Session:	2017	Semester:	Spring		
Credit Value:	3(2-2)	Level:	MCS	Prerequisites:	No
Name Of Course Instructor:	Dr.Mudassir Iqbal	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
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	Withd rawal	Total
No Of Students	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Graduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withd rawal	Total
Registere d										
No. of Students	41	7.317%	43.90%	43.90%	2.439%	N/A	2.439%			

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 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: Dr.Mudassir Iqbal 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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-704	Title:	Database Systems		
Session:	2016	Semester:	Spring 2016		
Credit Value:	3(2-2)	Level:	MCS	Prerequisites:	
Name Of Course Instructor:	Dr.Javid Ullah Khan	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
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	45	30	14	5		11	-	-	65
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 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: Dr.Javid Ullah Khan 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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-723	Title:	Web Engineering		
Session:	2016	Semester:	Fall		
Credit Value:	3(2-2)	Level:	MCS-2	Prerequisites:	None
Name Of Course Instructor:	Dr. M Asif Khan	No. of Students Contact Hours 2 hours daily	Lectures (2 hours) Labs (2 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)	Quizzes, Assignment, Mid Term, Final term At least 6 quizzes and 3 assignments				

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										
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	32	18.7	53.1	12.5	9.35		6.25		none	

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 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: Dr. M Asif Khan

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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-709	Title:	Web design and Web Development		
Session:	2017	Semester:	Fall		
Credit Value:	3(2-2)	Level:	MCS	Prerequisites:	
Name Of Course Instructor:	Dr. Fadia Shah	No. of Students Contact Hours 2 hours daily	Lectures (2 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)		Quizzes, Assignment, Mid Term, Final term At least 6 quizzes and 3 assignments			

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	62	9.23	15.38	36.92	16.92		12.31			62
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: Dr. Fadia Shah

Date _____

(Course Instructor)

Name: Dr. Hafeez ur Rahman
(Director)

Date



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:	Barani Institute of management sciences	
Course Code	CS-772	Title:	Operating System Concepts		
Session:	2017	Semester:	Spring		
Credit Value:	3(2-2)	Level:	MCS	Prerequisites:	NA
Name Of Course Instructor:	Mr.Hamid Hussain Awan	No. of Students Contact Hours	27 Lectures (2 hours) Labs (2 hours)		
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)

Undergraduate	Originally	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No Of Students	33	0	17	78	2		3			
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: Mr.Hamid Hussain Awan 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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-782	Title:	System Programming		
Session:	Fall 2017	Semester:	Fall-17		
Credit Value:	3(2-2)	Level:	MCS	Prerequisites:	
Name Of Course Instructor:	Engr.Aamir Mehmood	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
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										
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	63	7.937	19.05	26.98	11.11		26.98			

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: Engr.Aamir Mehmood

Date _____

(Course Instructor)

Name: Dr. Hafeez ur Rahman
(Director)

Date



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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-708	Title:	Discrete Structure		
Session:	Spring 2017	Semester:	SPRING-17		
Credit Value:	3(2-2)	Level:	MCS	Prerequisites:	
Name Of Course Instructor:	Mr.Fazal Ur Rahman Shamil	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										
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	55	3.636	32.73	43.64	18.18		1.818			

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 Mr.Fazal Ur Rahman Shamil

Date _____

(Course Instructor)

Name: Dr. Hafeez ur Rahman
(Director)

Date



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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-771	Title:	Computer Communication & Networks		
Session:	Spring 2018	Semester:	Spring-18		
Credit Value:	3(2-2)	Level:	MCS-3	Prerequisites:	
Name Of Course Instructor:	Ms.Sahrish Khalil	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
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										
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	37	2.703	5.405	10.81	21.62		48.65			

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: Ms.Sahrish Khalil

Date _____

(Course Instructor)

Name: Dr. Hafeez ur Rahman
(Director)

Date

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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-793	Title:	Modern Programming Language		
Session:	Spring 2017	Semester:	SPRING-17		
Credit Value:	3(2-2)	Level:	MCS-	Prerequisites:	
Name Of Course Instructor:	Ms.Qurat Ul Ain Alam	No. of Students Contact Hours	Lectures (2 hours) Labs (2 hours)		
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										
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	38	2.632	0	44.74	26.32		21.05			

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: Ms.Qurat Ul Ain Alam

Date _____

(Course Instructor)

Name: Dr. Hafeez ur Rahman
(Director)

Date

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:	Computer Science		Faculty:	Barani Institute of management sciences	
Course Code	CS-737	Title:	COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE		
Session:	2017	Semester:	Fall		
Credit Value:	4(3-2)	Level:	MCS	Prerequisites:	
Name Of Course Instructor:	Ms.Ayesha Siddiqua	No. of Students Contact Hours 2 hours daily	Lectures (2 hours) Labs (2 hours)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc)		Quizzes, Assignment, Mid Term, Final term At least 6 quizzes and 3 assignments			

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										
Post Graduate	Originally Registered	%Grade A	%Grade B	%Grade C	D	E	F	No Grade	Withdrawal	Total
No. of Students	46	0	13.04	69.57	10.87		6.522		2	

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: Ms.Ayesha Siddiqua Date _____

(Course Instructor)

Name: Dr. Hafeez ur Rahman
(Director)